

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129164.D
 Acq On : 07 Jul 2022 17:56
 Operator : CG\JU
 Sample : N3584-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-2716SMSD

Quant Time: Jul 08 01:56:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	245342	20.000	ng	-0.01
21) Naphthalene-d8	8.239	136	753145	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	277859	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	247671	20.000	ng	# 0.04
76) Chrysene-d12	14.180	240	431864	20.000	ng	# 0.03
86) Perylene-d12	15.686	264	505685	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1719876	118.515	ng	0.00
7) Phenol-d6	6.581	99	2122748	117.778	ng	0.00
23) Nitrobenzene-d5	7.516	82	1139884	90.275	ng	-0.01
42) 2,4,6-Tribromophenol	10.816	330	417677	138.244	ng	0.02
45) 2-Fluorobiphenyl	9.316	172	1663527	95.778	ng	0.00
79) Terphenyl-d14	13.139	244	1327330	63.825	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	303870	46.967	ng	86
3) Pyridine	3.610	79	808163	51.149	ng	84
4) n-Nitrosodimethylamine	3.546	42	364140	50.868	ng	# 77
6) Aniline	6.645	93	872098m	43.266	ng	
8) 2-Chlorophenol	6.740	128	813720	53.371	ng	94
9) Benzaldehyde	6.504	77	456400	67.675	ng	98
10) Phenol	6.593	94	961930m	52.678	ng	
11) bis(2-Chloroethyl)ether	6.687	93	776969	53.757	ng	91
12) 1,3-Dichlorobenzene	6.893	146	848777	50.571	ng	99
13) 1,4-Dichlorobenzene	6.969	146	856168	50.575	ng	100
14) 1,2-Dichlorobenzene	7.122	146	807735	50.757	ng	99
15) Benzyl Alcohol	7.092	79	639868	50.472	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.222	45	1018443	49.335	ng	90
17) 2-Methylphenol	7.204	107	608724	49.064	ng	96
18) Hexachloroethane	7.469	117	282078	47.462	ng	96
19) n-Nitroso-di-n-propyla...	7.363	70	503171	48.261	ng	88
20) 3+4-Methylphenols	7.351	107	769554	48.777	ng	90
22) Acetophenone	7.363	105	997306	57.724	ng	# 94
24) Nitrobenzene	7.540	77	709262	58.054	ng	90
25) Isophorone	7.775	82	1220964	57.215	ng	96
26) 2-Nitrophenol	7.851	139	354393	62.415	ng	88
27) 2,4-Dimethylphenol	7.881	122	540360	52.713	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	763195	52.075	ng	99
29) 2,4-Dichlorophenol	8.092	162	526361	50.342	ng	97
30) 1,2,4-Trichlorobenzene	8.175	180	541269	47.043	ng	96
31) Naphthalene	8.263	128	1748418	51.137	ng	100
32) Benzoic acid	8.010	122	416840	50.682	ng	92
33) 4-Chloroaniline	8.310	127	371002	26.929	ng	95
34) Hexachlorobutadiene	8.375	225	337071	49.063	ng	98
35) Caprolactam	8.728	113	190600m	57.487	ng	
36) 4-Chloro-3-methylphenol	8.781	107	529134	49.809	ng	96
37) 2-Methylnaphthalene	8.951	142	1056924	45.940	ng	99
38) 1-Methylnaphthalene	9.051	142	974995	43.639	ng	100
40) 1,2,4,5-Tetrachloroben...	9.116	216	472801	60.537	ng	97
41) Hexachlorocyclopentadiene	9.104	237	515514	125.045	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	306557	57.625	ng	98

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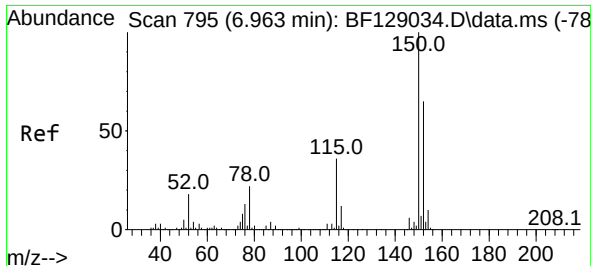
Manual Integrations
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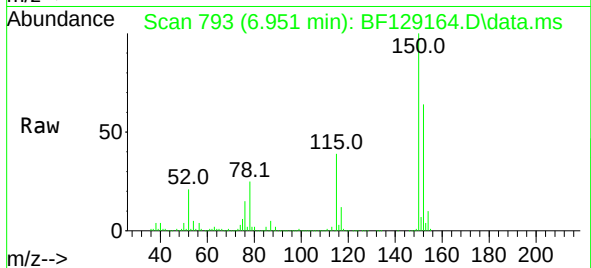
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	338439	59.810	ng	# 93
46) 1,1'-Biphenyl	9.416	154	1183835	59.263	ng	100
47) 2-Chloronaphthalene	9.445	162	850191	55.113	ng	98
48) 2-Nitroaniline	9.539	65	255227m	62.818	ng	
49) Acenaphthylene	9.869	152	1179069	50.301	ng	# 93
50) Dimethylphthalate	9.716	163	980599	56.412	ng	# 91
51) 2,6-Dinitrotoluene	9.781	165	289154	81.404	ng	87
52) Acenaphthene	10.039	154	753005	49.318	ng	98
53) 3-Nitroaniline	9.951	138	193622	45.710	ng	# 68
54) 2,4-Dinitrophenol	10.057	184	116683	62.397	ng	# 84
55) Dibenzofuran	10.216	168	1042926	46.910	ng	98
56) 4-Nitrophenol	10.110	139	359147	103.770	ng	# 67
57) 2,4-Dinitrotoluene	10.186	165	266714	60.822	ng	# 82
58) Fluorene	10.569	166	690519	40.153	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.333	232	210818	44.970	ng	# 96
60) Diethylphthalate	10.428	149	720704	41.377	ng	# 85
61) 4-Chlorophenyl-phenyle...	10.557	204	387720m	45.250	ng	
62) 4-Nitroaniline	10.569	138	121316	28.882	ng	93
63) Azobenzene	10.716	77	516259	30.252	ng	82
65) 4,6-Dinitro-2-methylph...	10.604	198	63006	57.501	ng	# 1
66) n-Nitrosodiphenylamine	10.669	169	763240	101.469	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	190423	72.279	ng	# 81
68) Hexachlorobenzene	11.145	284	243853	83.123	ng	# 82
69) Atrazine	11.245	200	163168	77.089	ng	# 6
70) Pentachlorophenol	11.333	266	238339	136.402	ng	99
71) Phenanthrene	11.563	178	684869	57.875	ng	# 76
72) Anthracene	11.616	178	627832	53.812	ng	# 80
73) Carbazole	11.763	167	538338	46.048	ng	# 76
74) Di-n-butylphthalate	12.098	149	684842	55.558	ng	# 86
75) Fluoranthene	12.780	202	886505	71.632	ng	89
78) Pyrene	13.010	202	964340	32.214	ng	# 93
80) Butylbenzylphthalate	13.592	149	462436	37.920	ng	# 88
81) Benzo(a)anthracene	14.174	228	1374711	52.134	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	218833	38.408	ng	# 95
83) Chrysene	14.210	228	1286340	52.547	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	761864	47.008	ng	# 91
85) Di-n-octyl phthalate	14.739	149	1629443	68.106	ng	# 91
87) Indeno(1,2,3-cd)pyrene	17.245	276	1568182	50.562	ng	98
88) Benzo(b)fluoranthene	15.239	252	1875690	61.676	ng	97
89) Benzo(k)fluoranthene	15.268	252	1680295	56.965	ng	98
90) Benzo(a)pyrene	15.621	252	1373186	55.388	ng	98
91) Dibenzo(a,h)anthracene	17.257	278	1357090	53.676	ng	99
92) Benzo(g,h,i)perylene	17.715	276	1282960	50.578	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

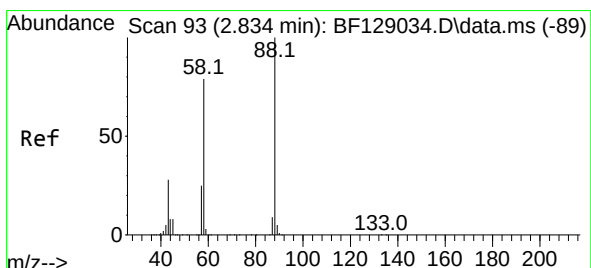
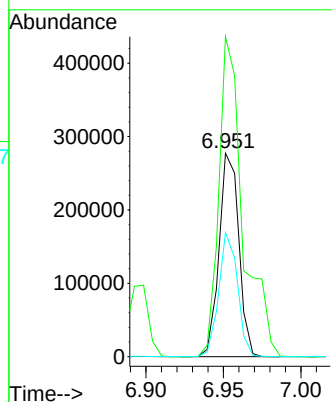
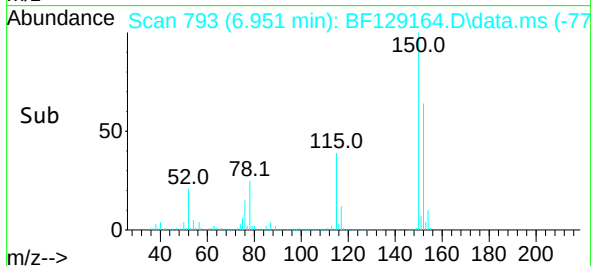
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:152 Resp: 24534
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 61.0 49.9 74.9

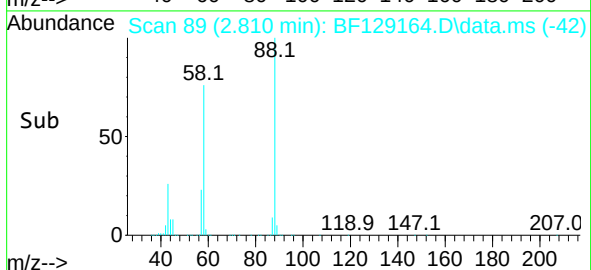
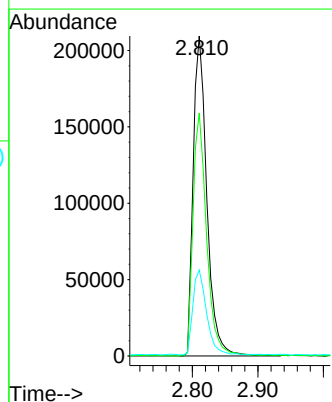
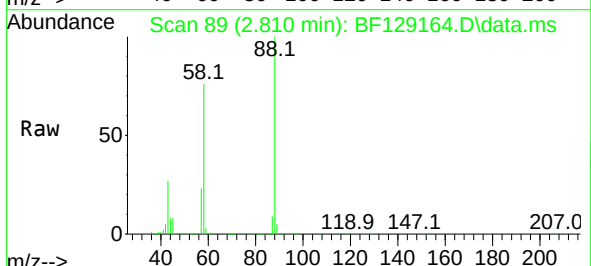
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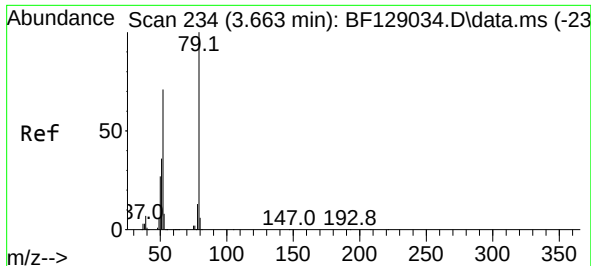
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#2
1,4-Dioxane
Concen: 46.967 ng
RT: 2.810 min Scan# 89
Delta R.T. -0.024 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

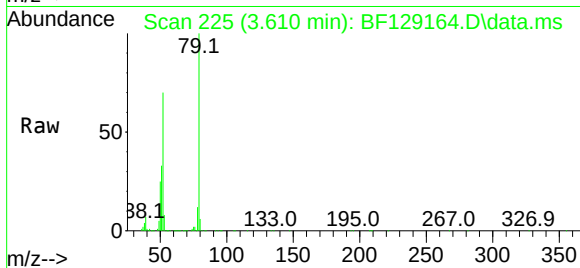
Tgt Ion: 88 Resp: 303870
Ion Ratio Lower Upper
88 100
58 75.4 71.8 107.8
43 26.6 26.6 39.8





#3
Pyridine
Concen: 51.149 ng
RT: 3.610 min Scan# 214
Delta R.T. -0.053 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

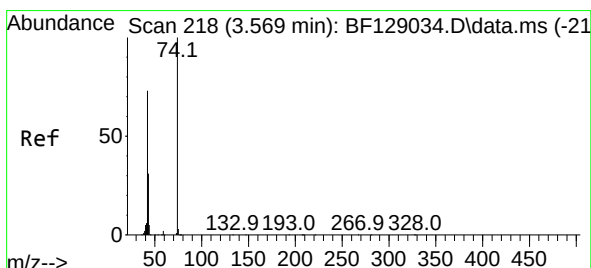
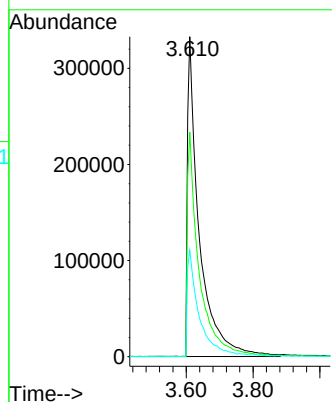
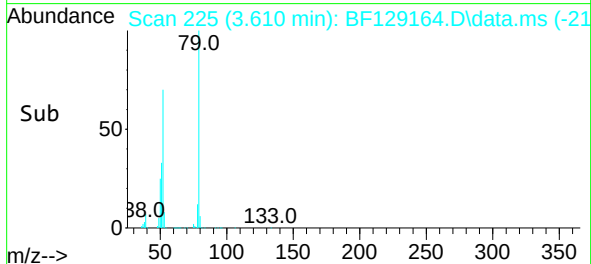
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



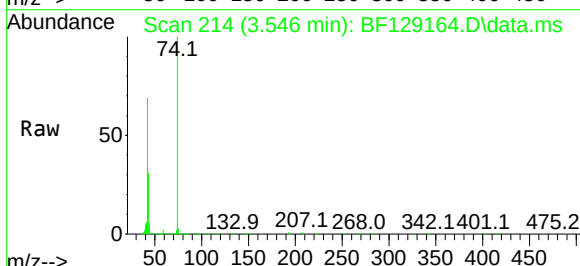
Tgt Ion: 79 Resp: 80816
Ion Ratio Lower Upper
79 100
52 70.2 68.6 102.8
51 33.2 32.9 49.3

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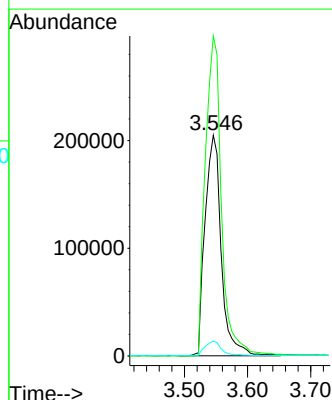
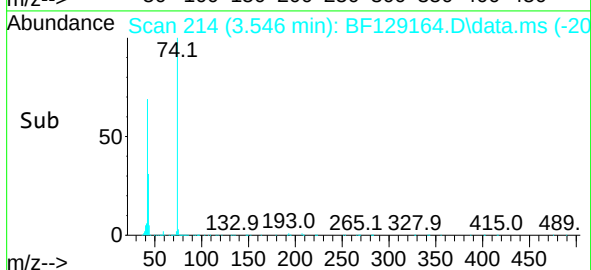
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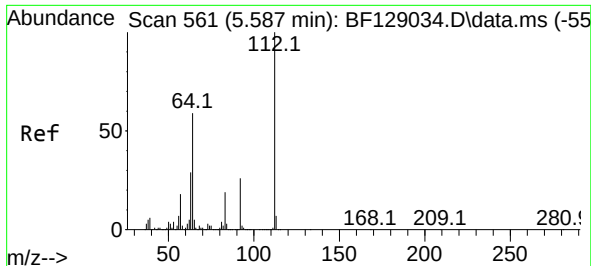


#4
n-Nitrosodimethylamine
Concen: 50.868 ng
RT: 3.546 min Scan# 214
Delta R.T. -0.024 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



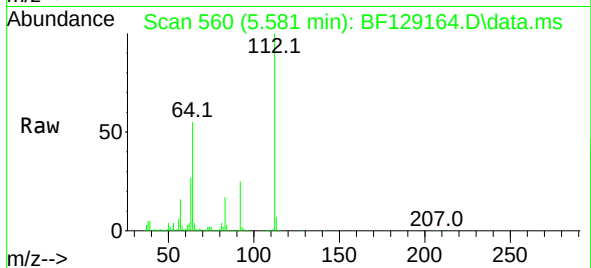
Tgt Ion: 42 Resp: 364140
Ion Ratio Lower Upper
42 100
74 144.9 94.8 142.2#
44 6.7 6.6 10.0





#5
2-Fluorophenol
Concen: 118.515 ng
RT: 5.581 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

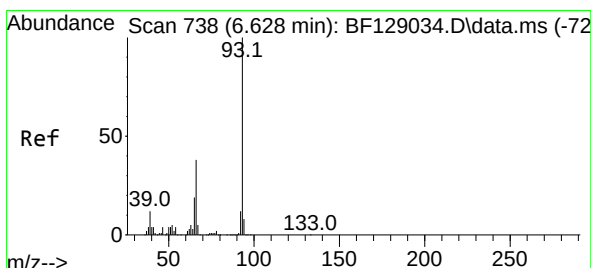
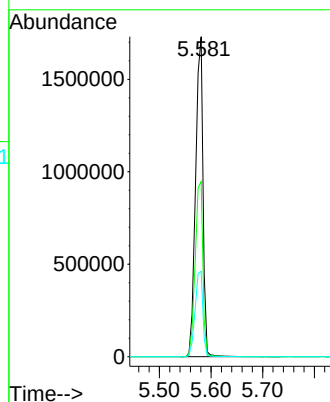
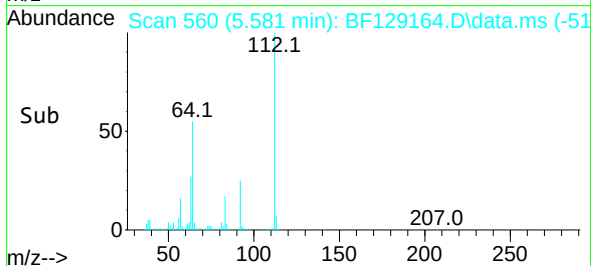
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:112 Resp: 1719870
Ion Ratio Lower Upper
112 100
64 54.7 53.3 79.9
63 26.6 28.0 42.0

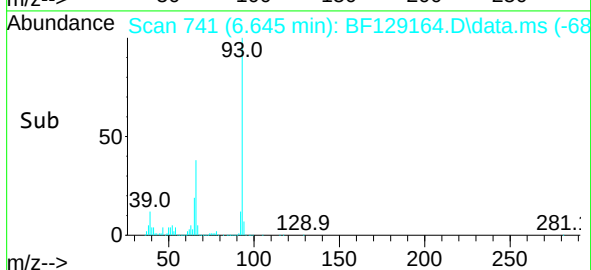
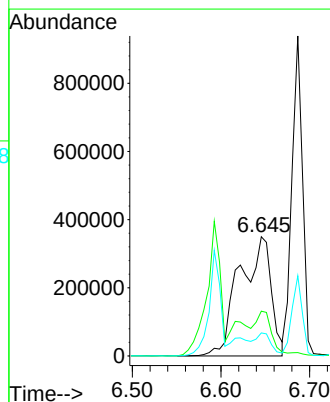
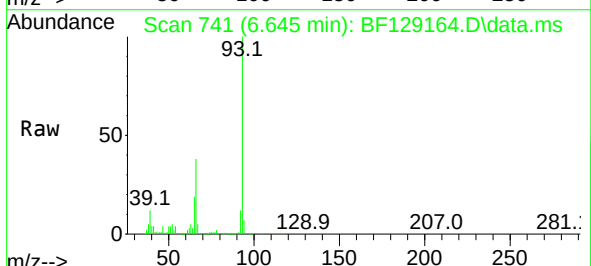
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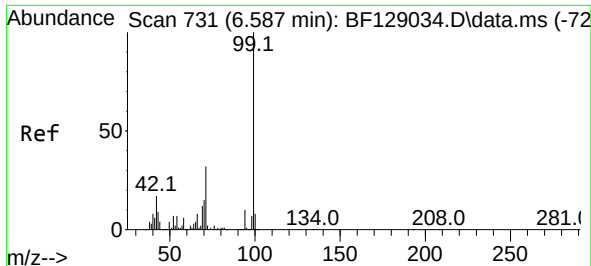
Reviewed By :Christian Giraldo 07/08/2022
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#6
Aniline
Concen: 43.266 ng m
RT: 6.645 min Scan# 741
Delta R.T. 0.018 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

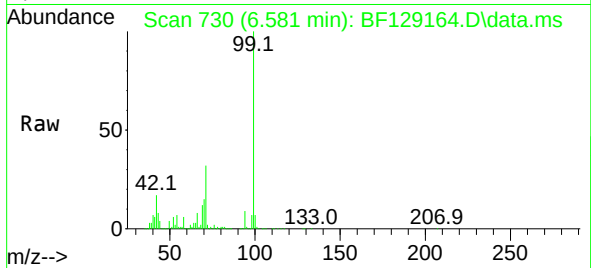
Tgt Ion: 93 Resp: 872098
Ion Ratio Lower Upper
93 100
66 37.5 32.5 48.7
65 19.3 16.4 24.6





#7
Phenol-d6
Concen: 117.778 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

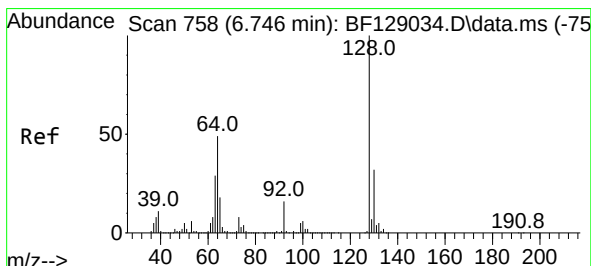
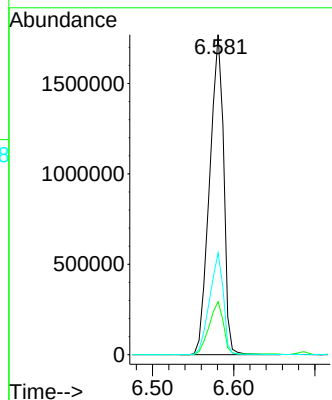
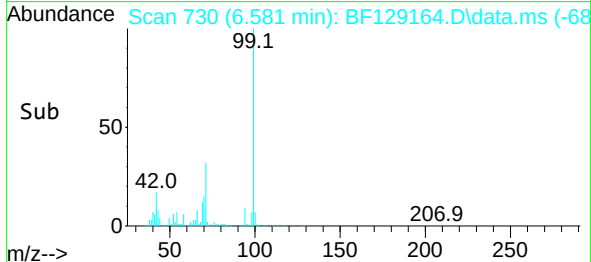
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion: 99 Resp: 212274
Ion Ratio Lower Upper
99 100
42 16.5 17.3 25.9
71 31.8 28.9 43.3

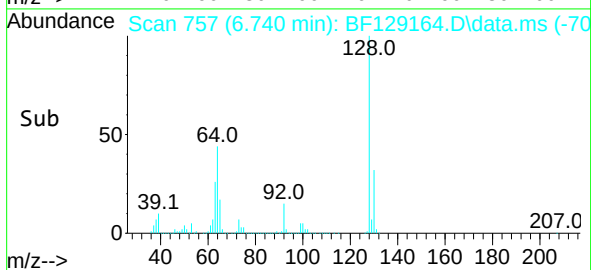
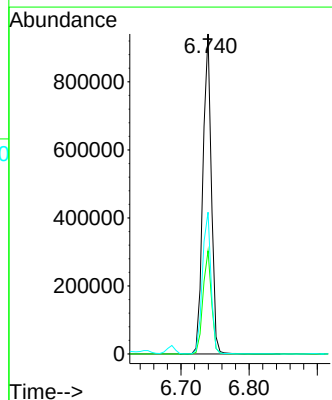
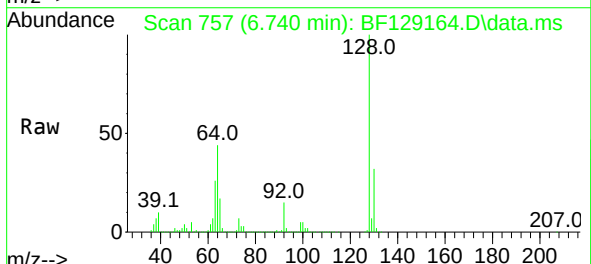
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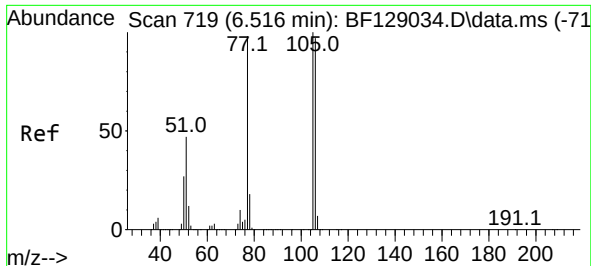
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#8
2-Chlorophenol
Concen: 53.371 ng
RT: 6.740 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

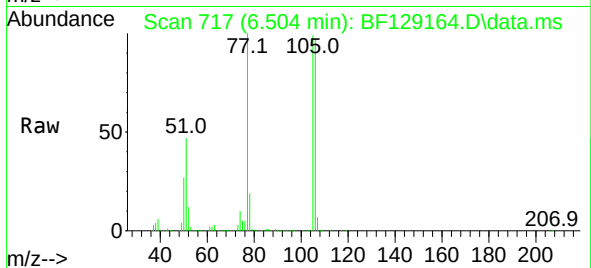
Tgt Ion:128 Resp: 813720
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 44.3 30.9 70.9





#9
Benzaldehyde
Concen: 67.675 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

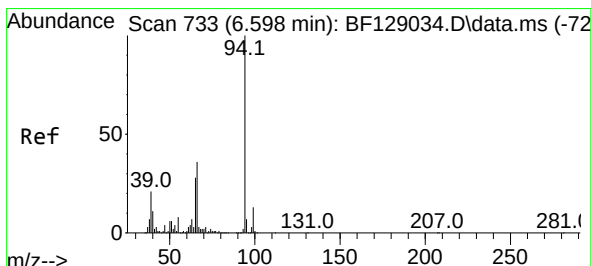
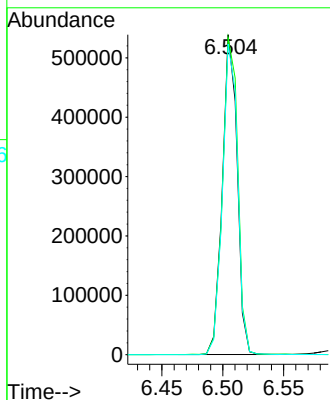
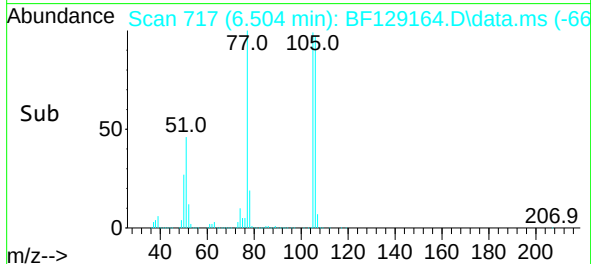
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CHRT-2716SMSD



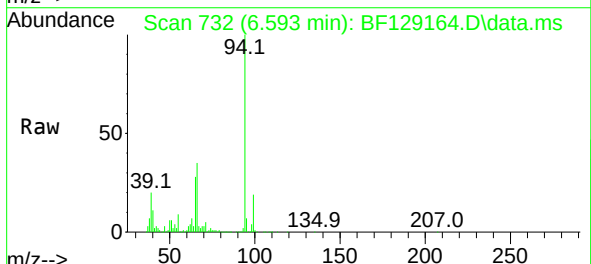
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Ion Ratio Lower Upper
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106 97.0 76.1 116.1

Manual Integrations
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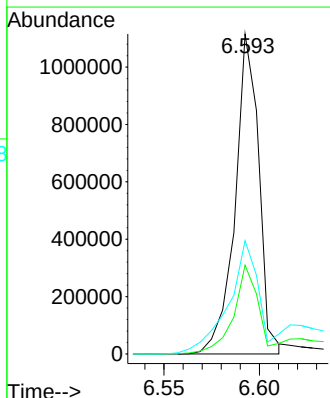
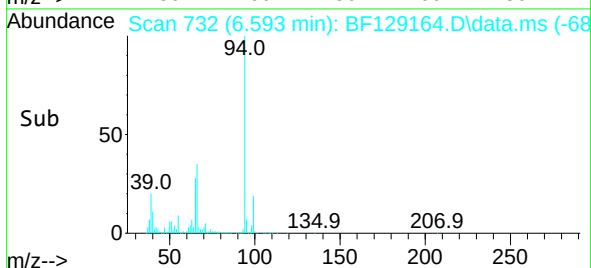
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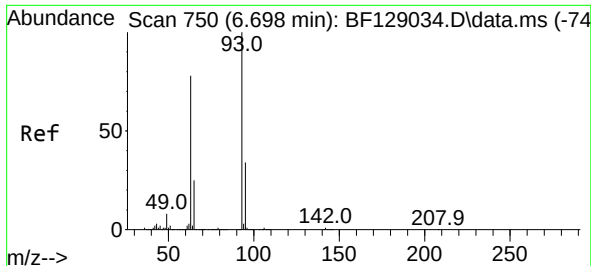


#10
Phenol
Concen: 52.678 ng m
RT: 6.593 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



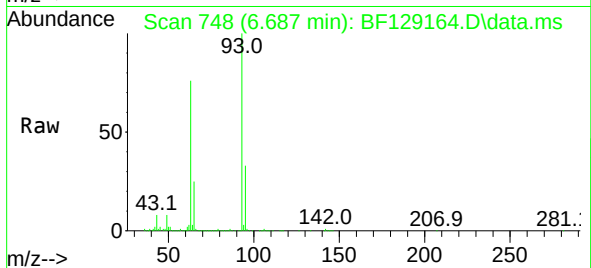
Tgt Ion: 94 Resp: 961930
Ion Ratio Lower Upper
94 100
65 27.8 11.4 51.4
66 35.4 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 53.757 ng
RT: 6.687 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

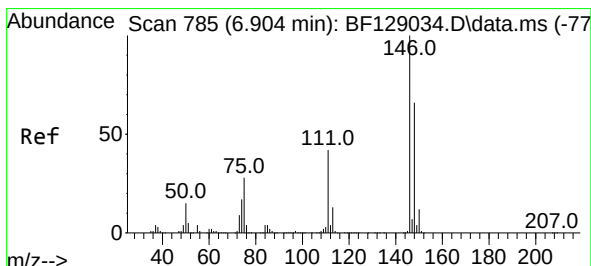
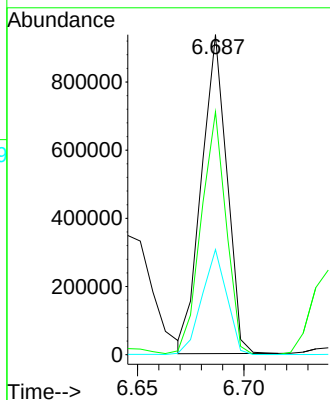
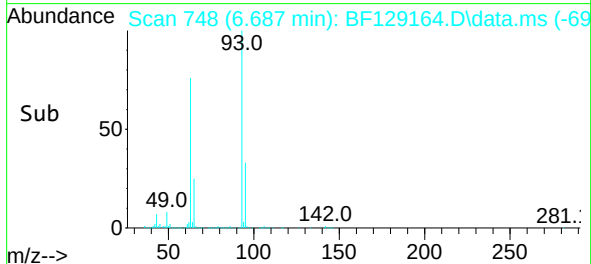
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion: 93 Resp: 776969
Ion Ratio Lower Upper
93 100
63 75.9 67.4 107.4
95 32.8 12.7 52.7

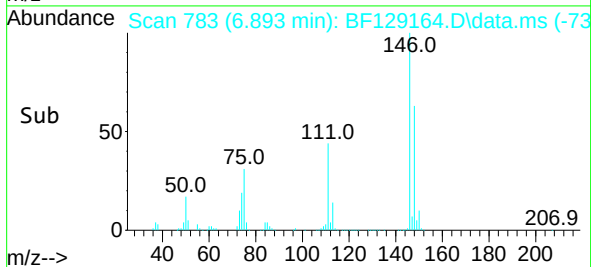
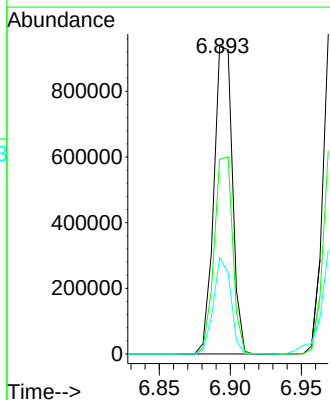
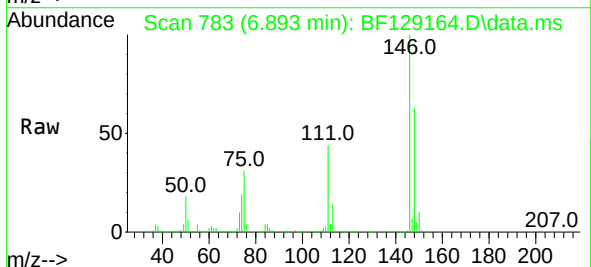
Manual Integrations
APPROVED

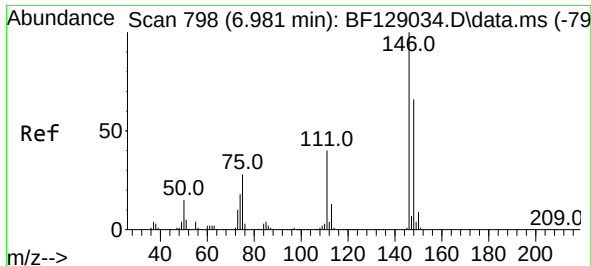
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#12
1,3-Dichlorobenzene
Concen: 50.571 ng
RT: 6.893 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Tgt Ion:146 Resp: 848777
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 31.3 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.575 ng

RT: 6.969 min Scan# 798

Delta R.T. -0.012 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

Tgt Ion:146 Resp: 85616

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

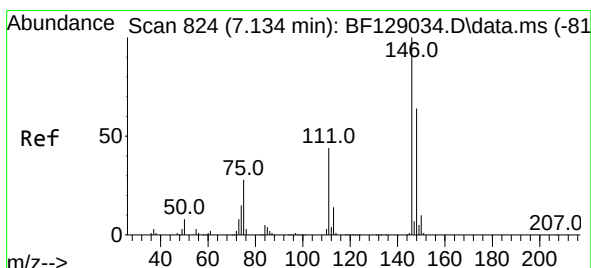
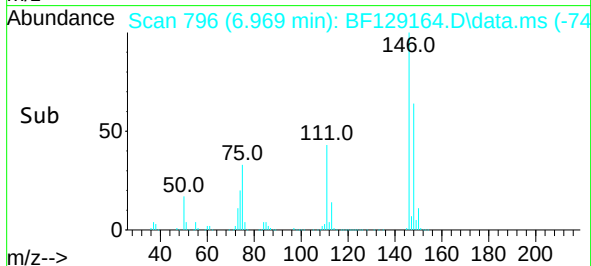
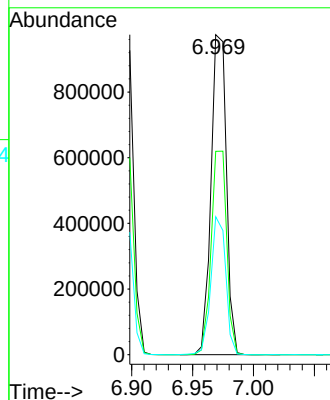
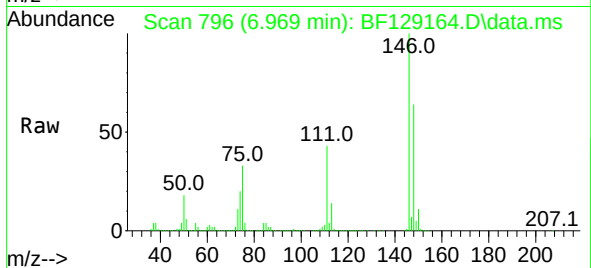
111 43.1 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#14

1,2-Dichlorobenzene

Concen: 50.757 ng

RT: 7.122 min Scan# 822

Delta R.T. -0.012 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

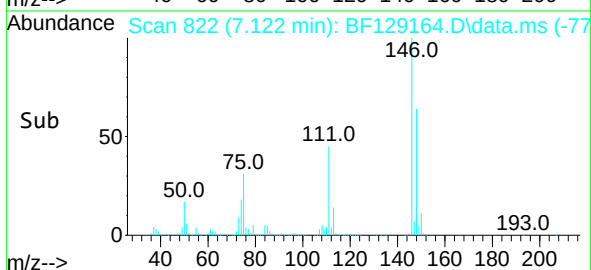
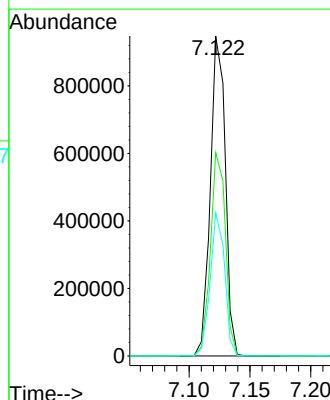
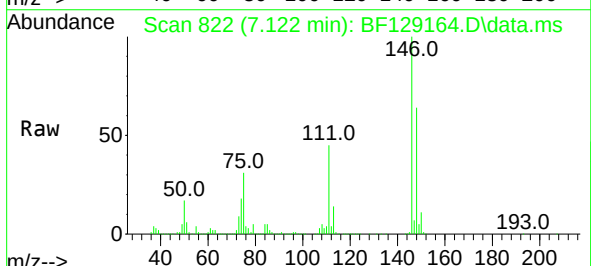
Tgt Ion:146 Resp: 807735

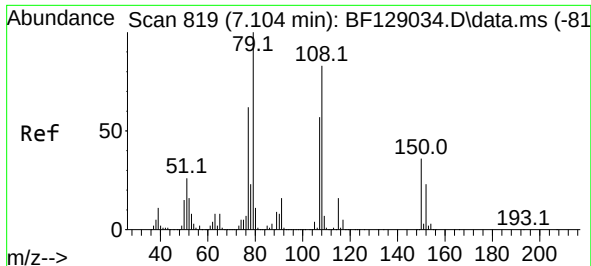
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

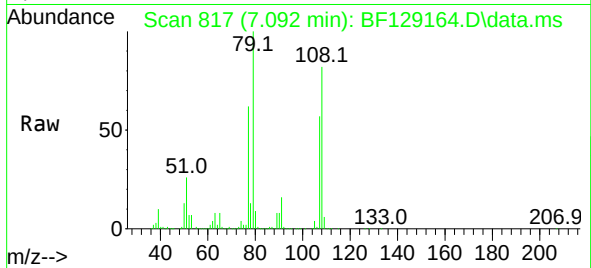
111 44.8 35.1 52.7





#15
Benzyl Alcohol
Concen: 50.472 ng
RT: 7.092 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

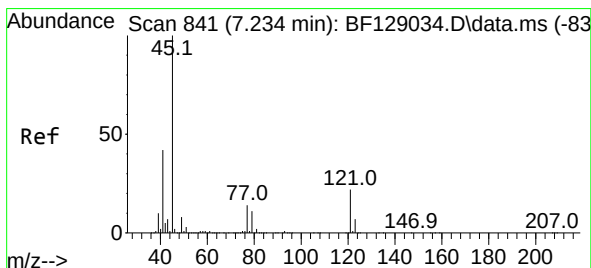
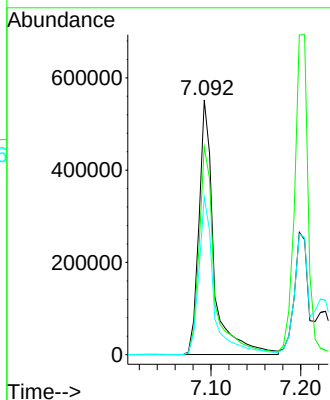
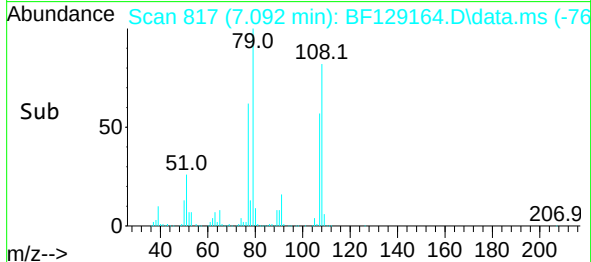
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



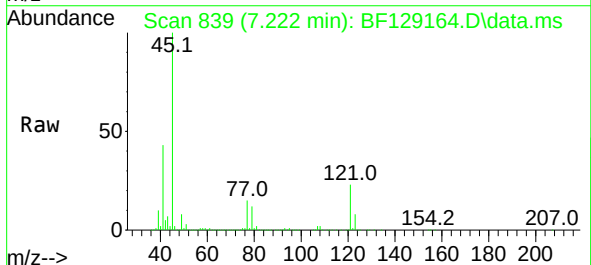
Tgt Ion: 79 Resp: 639868
Ion Ratio Lower Upper
79 100
108 81.7 61.8 92.6
77 61.9 50.2 75.4

Manual Integrations
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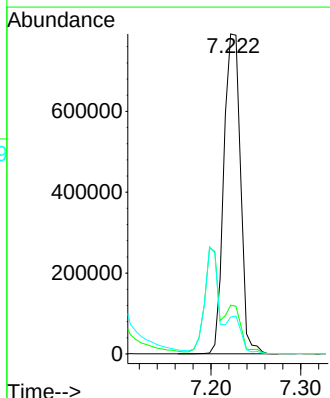
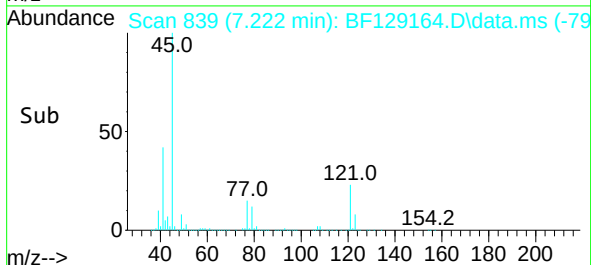
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

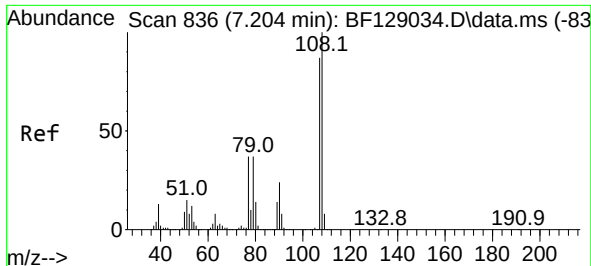


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.335 ng
RT: 7.222 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



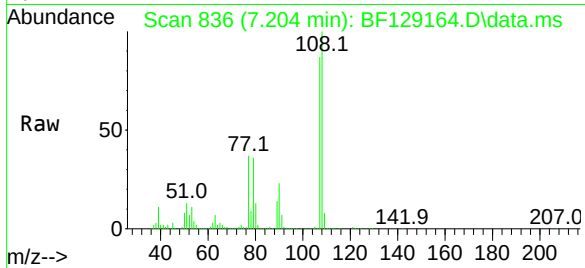
Tgt Ion: 45 Resp: 1018443
Ion Ratio Lower Upper
45 100
77 15.3 0.0 31.3
79 11.6 0.0 28.3





#17
2-Methylphenol
Concen: 49.064 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

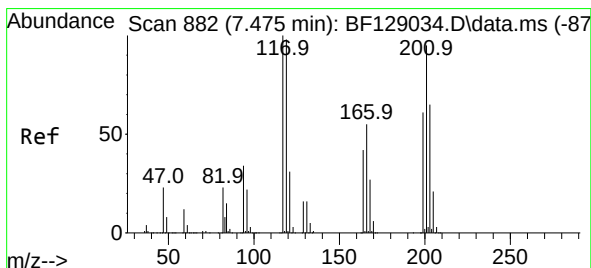
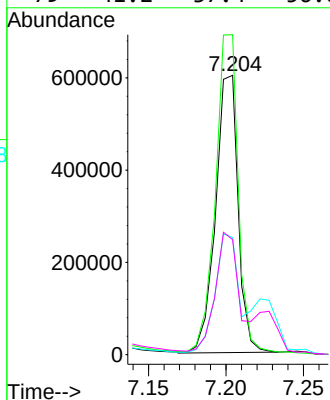
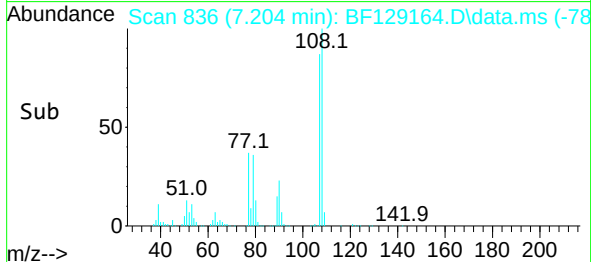
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:107 Resp: 608724
Ion Ratio Lower Upper
107 100
108 114.6 91.9 137.9
77 41.9 37.8 56.8
79 41.2 37.4 56.0

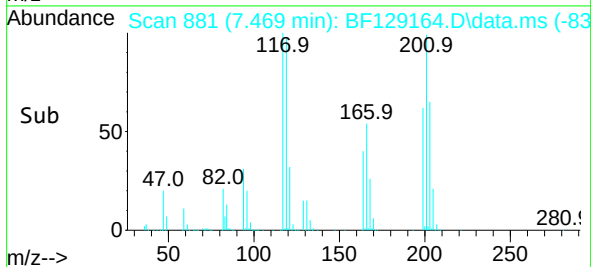
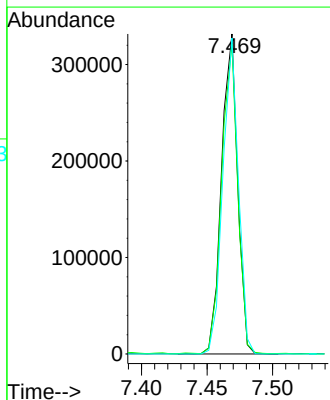
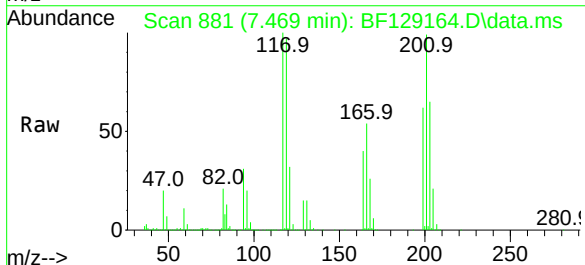
Manual Integrations
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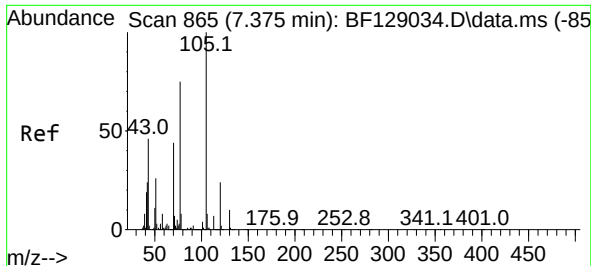
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#18
Hexachloroethane
Concen: 47.462 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Tgt Ion:117 Resp: 282078
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
201 98.7 84.6 127.0





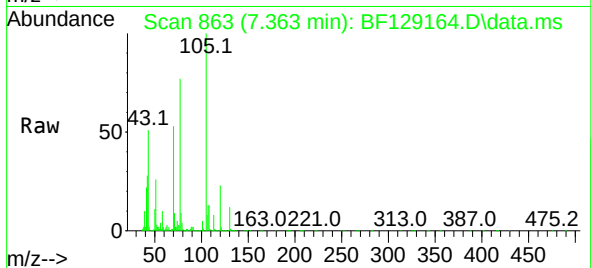
#19
n-Nitroso-di-n-propylamine
Concen: 48.261 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

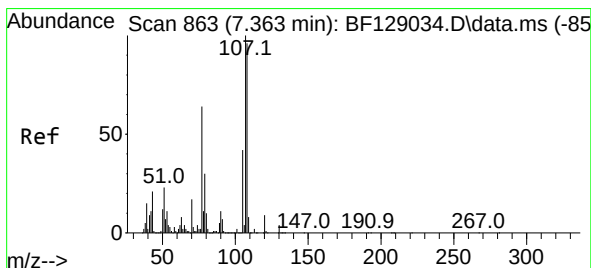
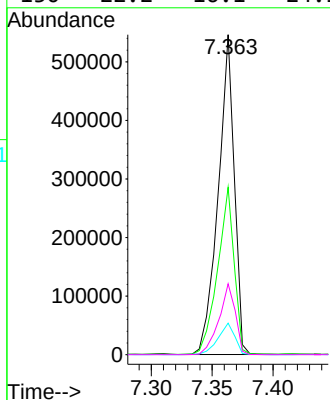
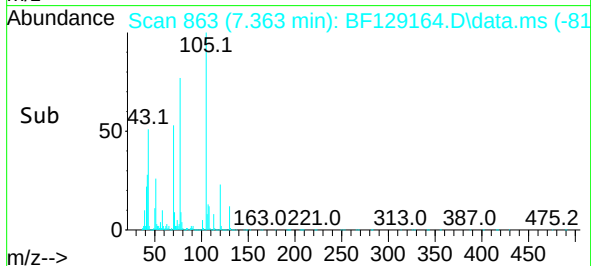


Tgt Ion: 70 Resp: 50317
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5
101 9.9 7.5 11.3
130 22.2 16.1 24.1

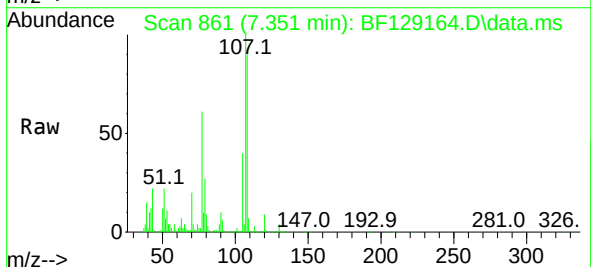
Manual Integrations

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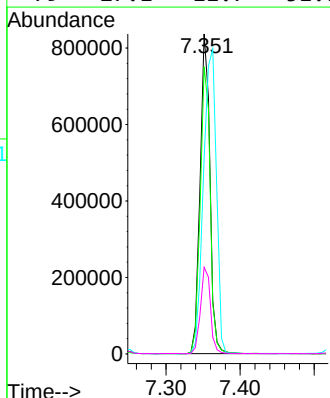
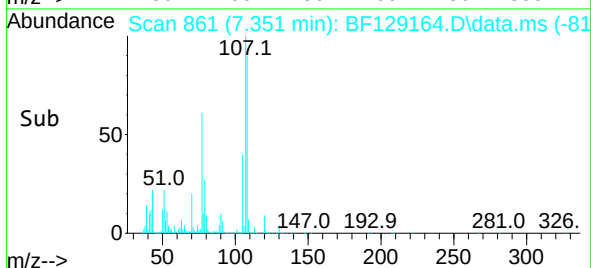
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

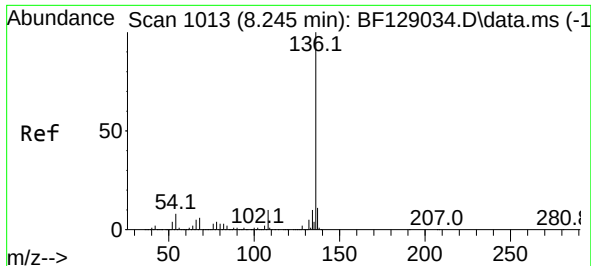


#20
3+4-Methylphenols
Concen: 48.777 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



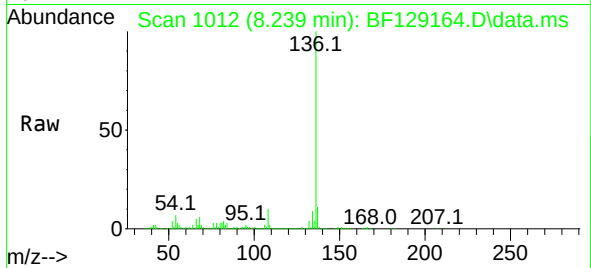
Tgt Ion:107 Resp: 769554
Ion Ratio Lower Upper
107 100
108 89.8 71.8 111.8
77 61.3 59.3 99.3
79 27.1 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

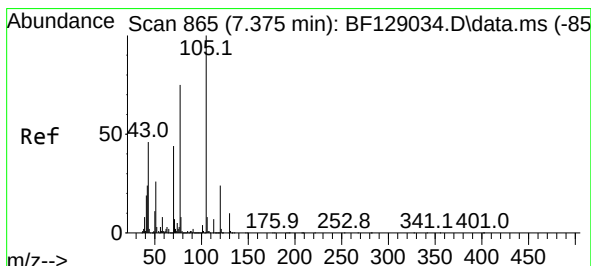
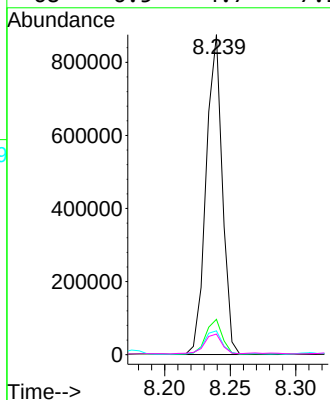
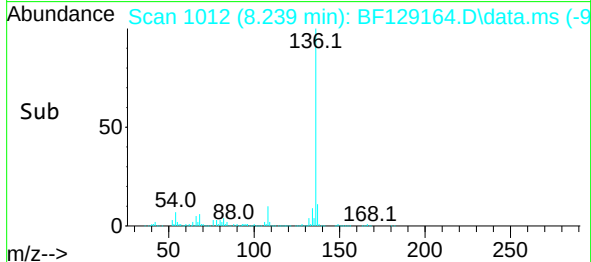
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:136 Resp: 753149
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.5 11.3
68 6.5 4.7 7.1

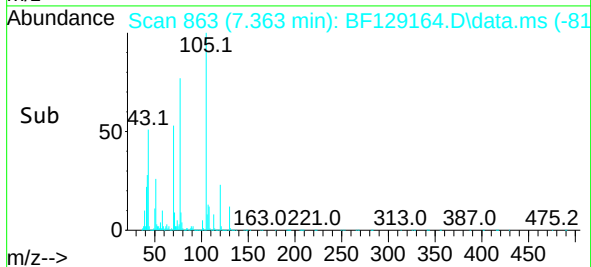
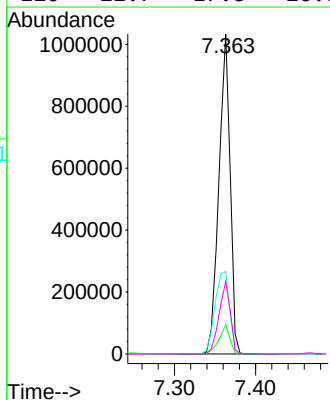
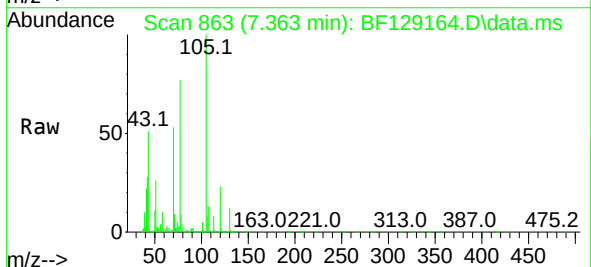
Manual Integrations
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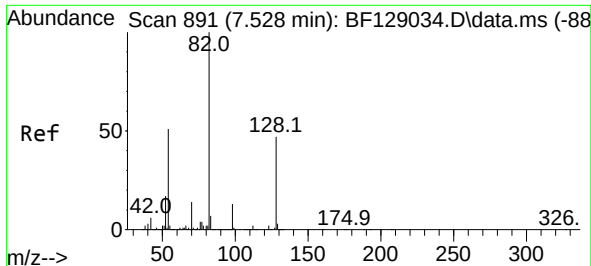
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#22
Acetophenone
Concen: 57.724 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Tgt Ion:105 Resp: 997306
Ion Ratio Lower Upper
105 100
71 9.2 5.0 7.4
51 25.8 25.0 37.4
120 22.7 17.8 26.8





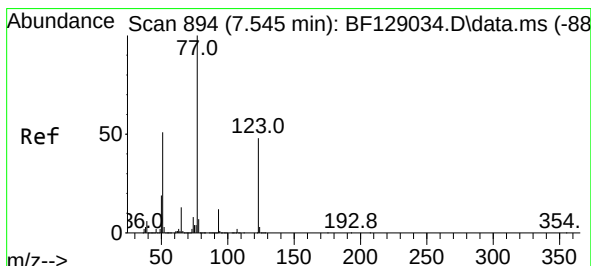
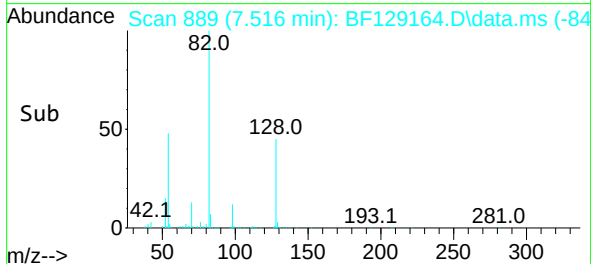
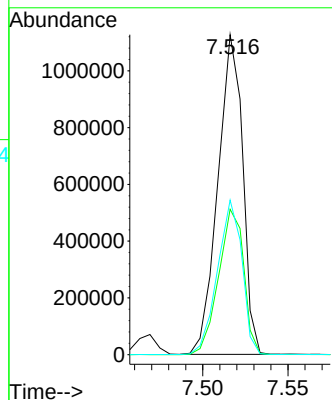
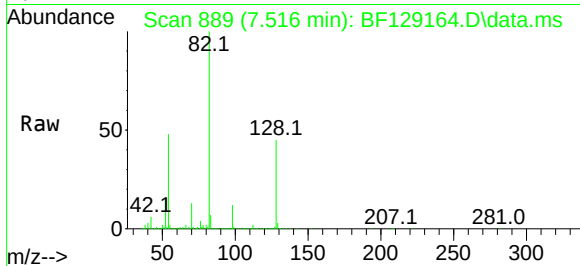
#23
Nitrobenzene-d5
Concen: 90.275 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD

Tgt Ion: 82 Resp: 1139884
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 48.3 46.9 70.3

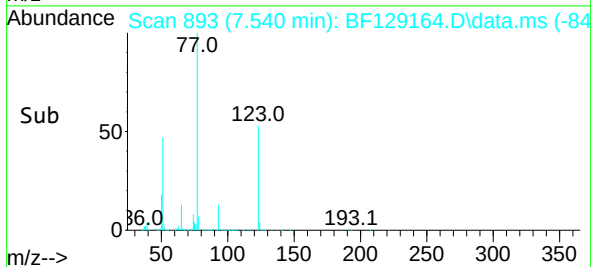
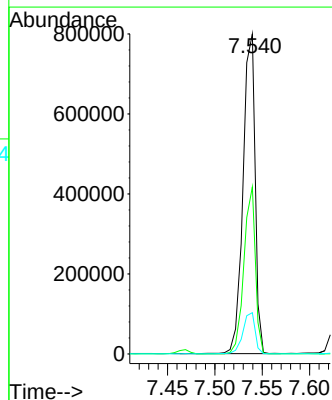
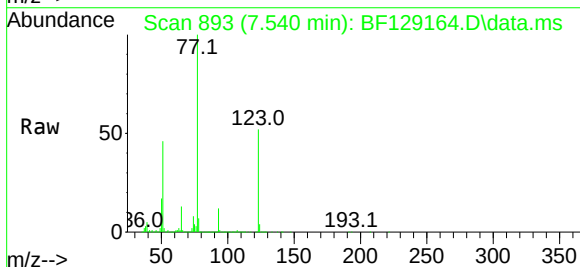
Manual Integrations
APPROVED

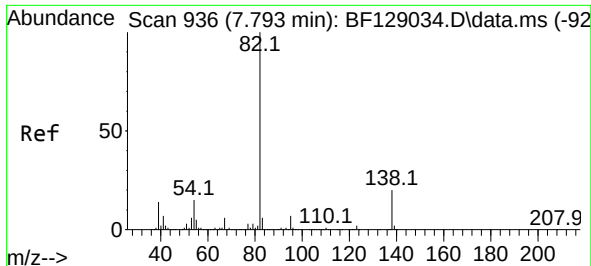
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#24
Nitrobenzene
Concen: 58.054 ng
RT: 7.540 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

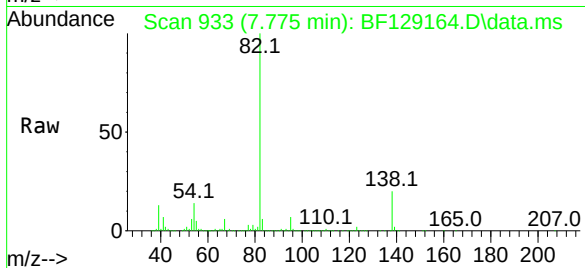
Tgt Ion: 77 Resp: 709262
Ion Ratio Lower Upper
77 100
123 52.2 35.4 53.2
65 12.9 11.8 17.8





#25
Isophorone
Concen: 57.215 ng
RT: 7.775 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

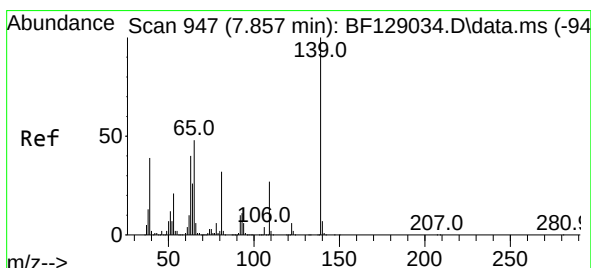
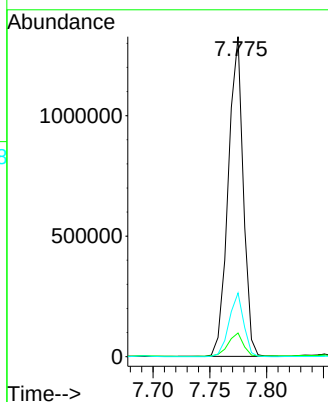
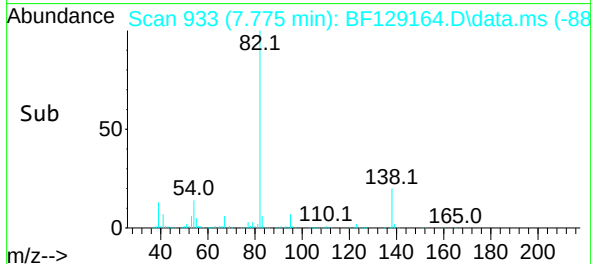
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



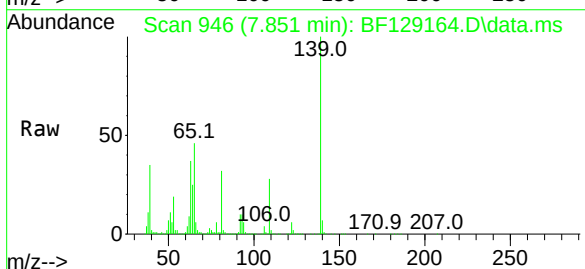
Tgt Ion: 82 Resp: 1220964
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.9 14.2 21.2

Manual Integrations
APPROVED

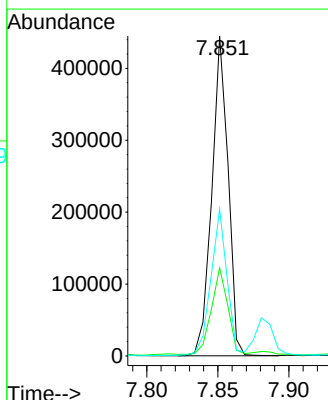
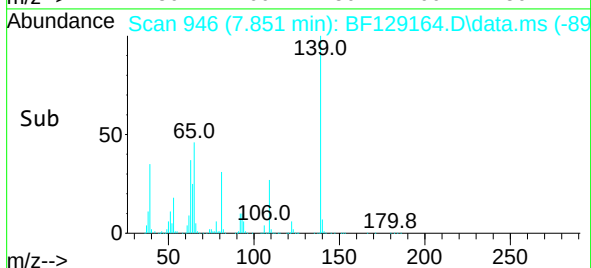
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

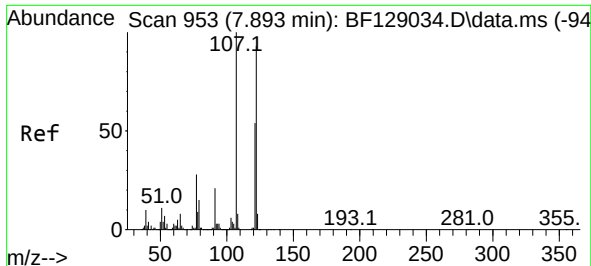


#26
2-Nitrophenol
Concen: 62.415 ng
RT: 7.851 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



Tgt Ion:139 Resp: 354393
Ion Ratio Lower Upper
139 100
109 27.5 25.0 37.4
65 45.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 52.713 ng

RT: 7.881 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129164.D

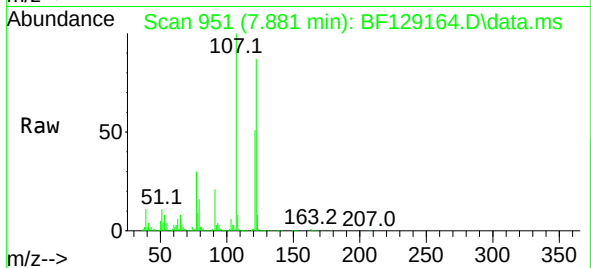
Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD



Tgt Ion:122 Resp: 540360

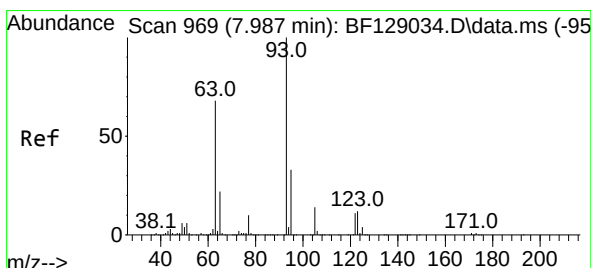
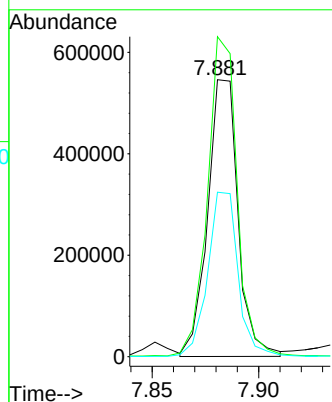
Ion	Ratio	Lower	Upper
122	100		
107	115.5	93.0	139.6
121	59.4	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.075 ng

RT: 7.981 min Scan# 968

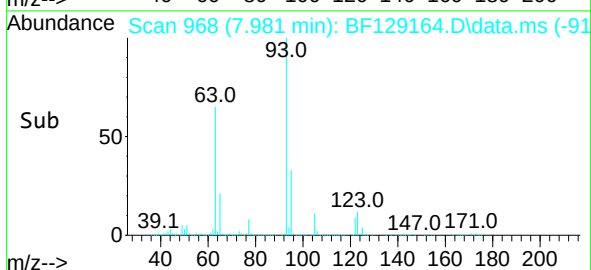
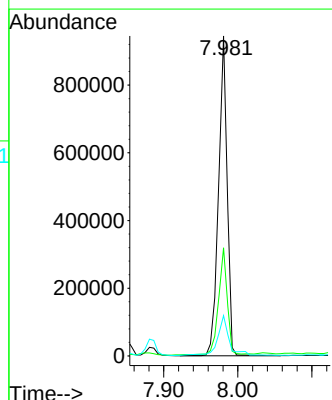
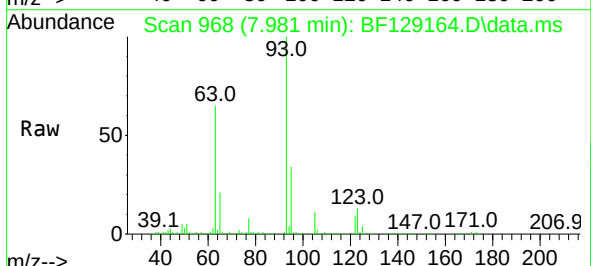
Delta R.T. -0.006 min

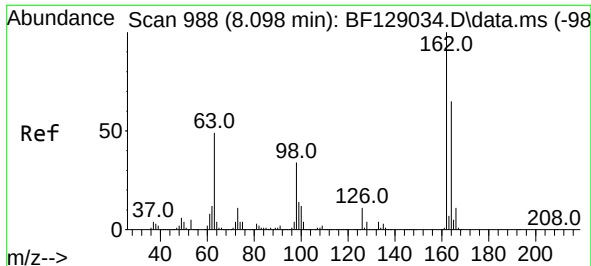
Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Tgt Ion: 93 Resp: 763195

Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.8	40.2
123	12.6	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 50.342 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

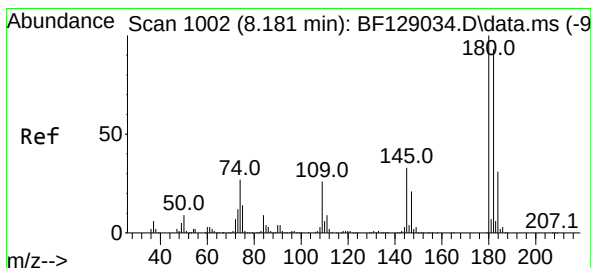
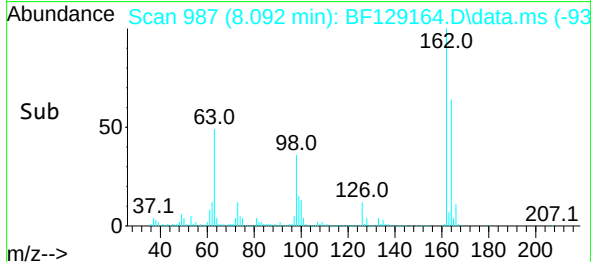
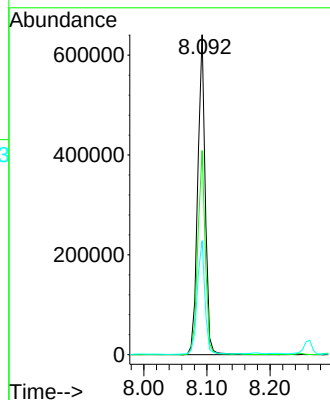
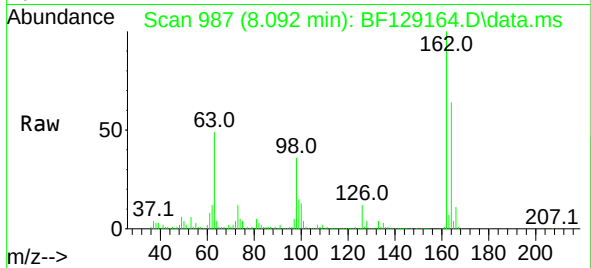
CHRT-2716SMSD

Tgt Ion:162 Resp: 52636
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.2 84.2
 98 35.7 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.043 ng

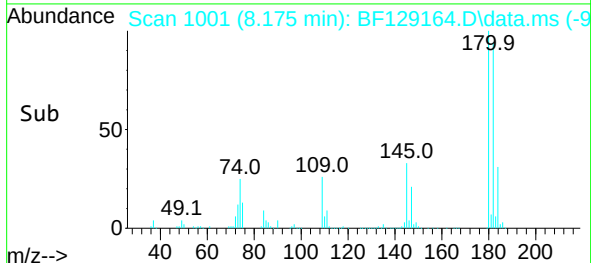
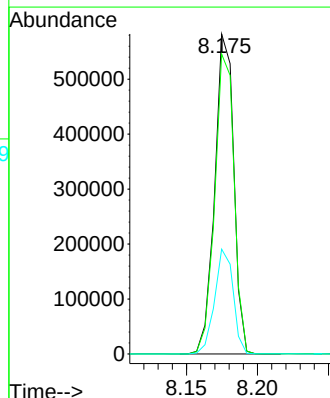
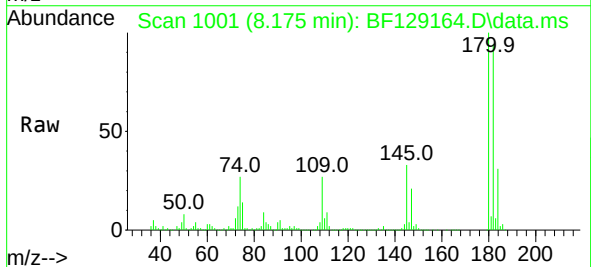
RT: 8.175 min Scan# 1001

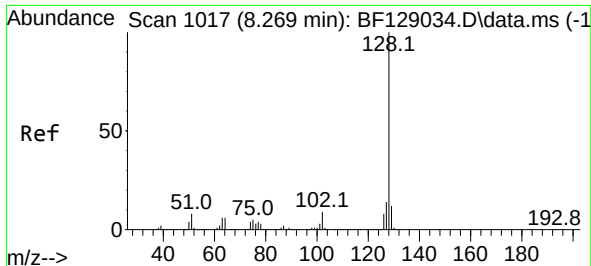
Delta R.T. -0.006 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

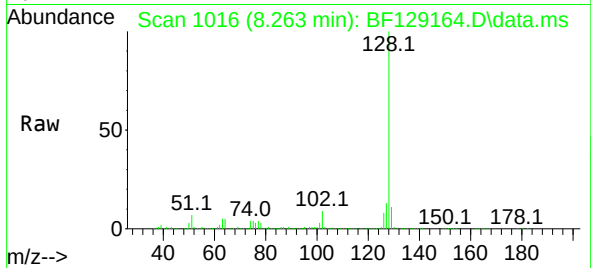
Tgt Ion:180 Resp: 541269
 Ion Ratio Lower Upper
 180 100
 182 93.7 79.2 118.8
 145 32.8 26.2 39.2





#31
Naphthalene
Concen: 51.137 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

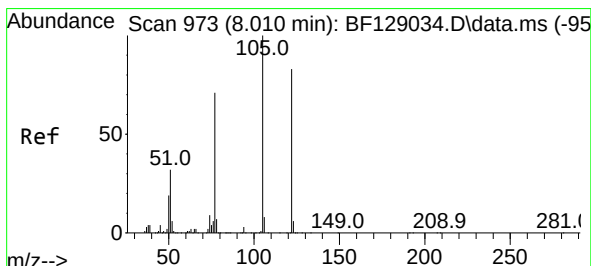
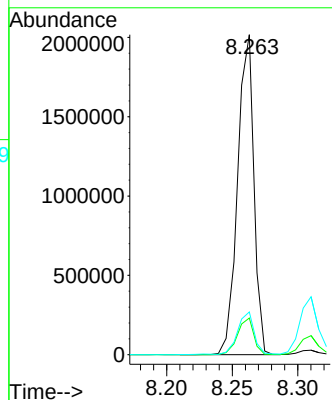
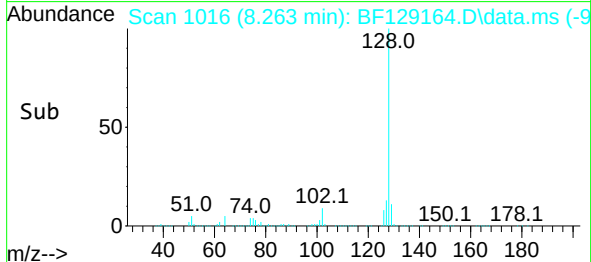
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:128 Resp: 1748418
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.5 15.7

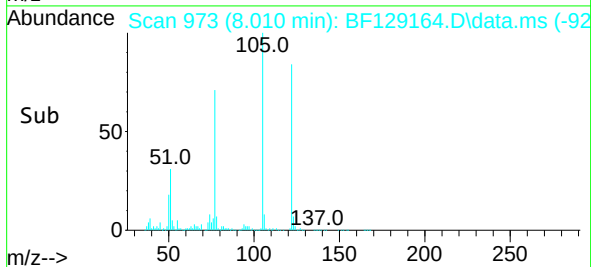
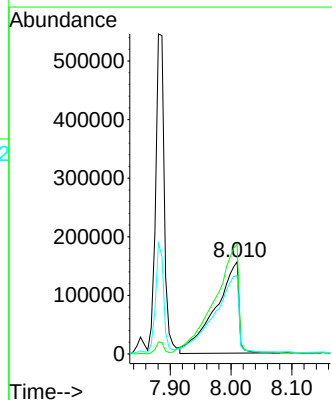
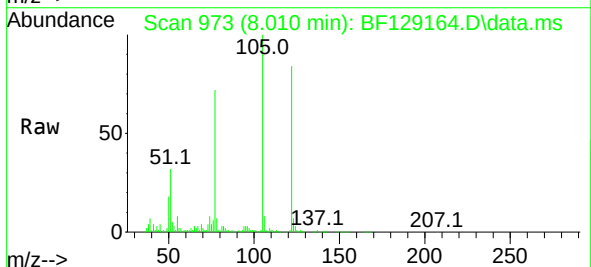
Manual Integrations
APPROVED

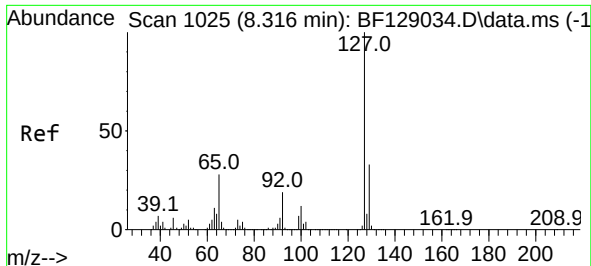
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#32
Benzoic acid
Concen: 50.682 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Tgt Ion:122 Resp: 416840
Ion Ratio Lower Upper
122 100
105 118.6 107.1 147.1
77 84.9 74.2 114.2





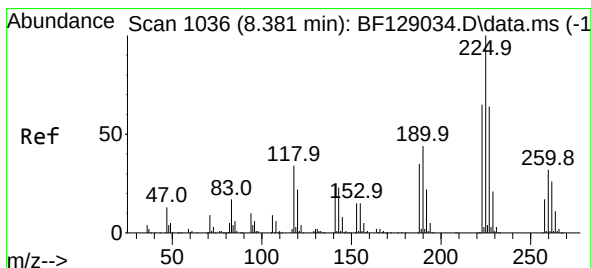
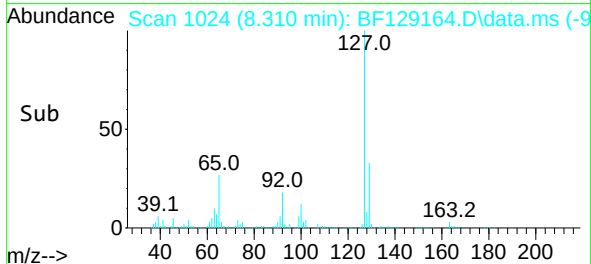
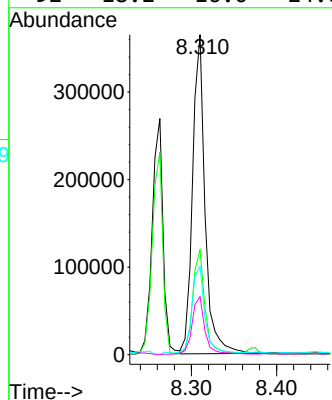
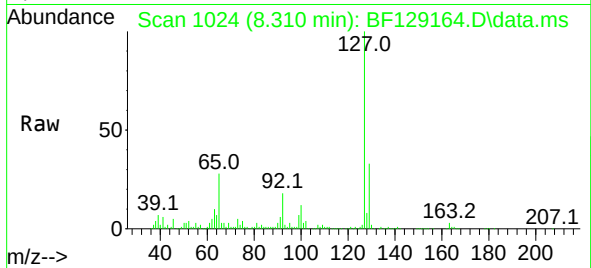
#33
4-Chloroaniline
Concen: 26.929 ng
RT: 8.310 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD

Tgt Ion:127 Resp: 371000
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6
65 27.6 26.4 39.6
92 18.2 16.0 24.0

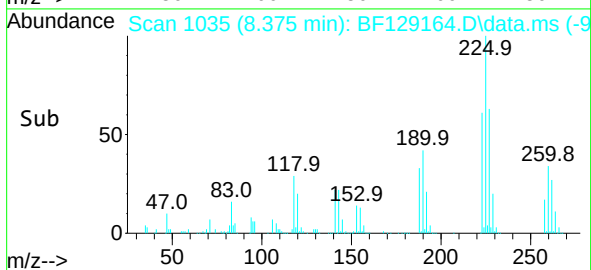
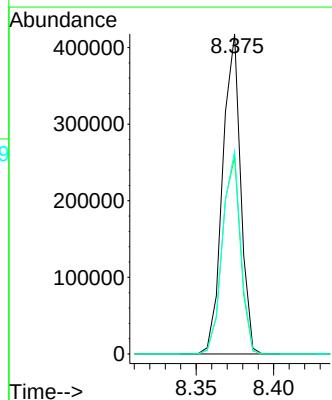
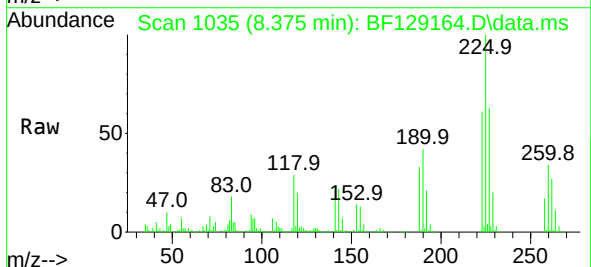
Manual Integrations
APPROVED

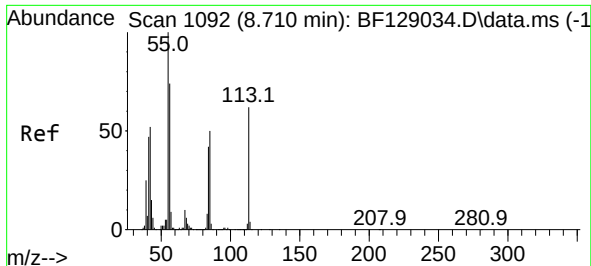
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#34
Hexachlorobutadiene
Concen: 49.063 ng
RT: 8.375 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

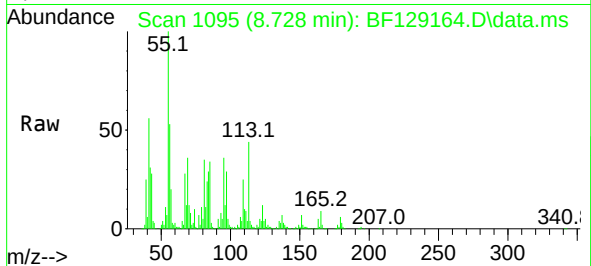
Tgt Ion:225 Resp: 337071
Ion Ratio Lower Upper
225 100
223 61.5 51.0 76.6
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 57.487 ng m
RT: 8.728 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

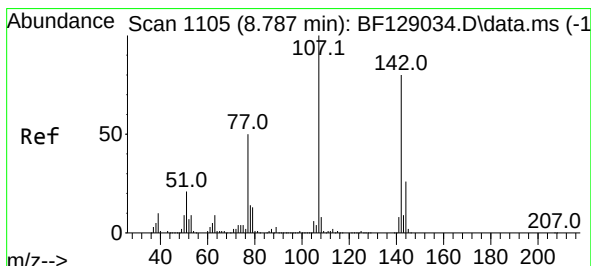
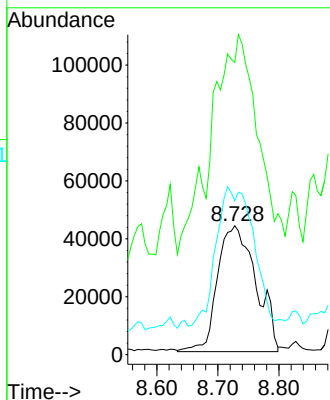
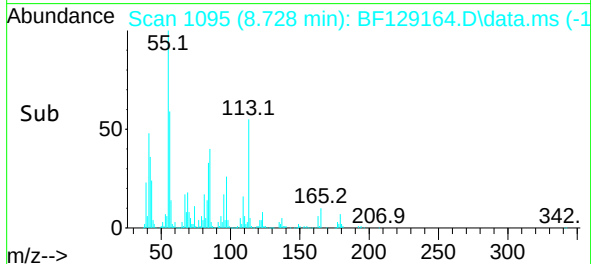
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:113 Resp: 190600
Ion Ratio Lower Upper
113 100
55 226.7 188.5 228.5
56 119.4 130.6 170.6

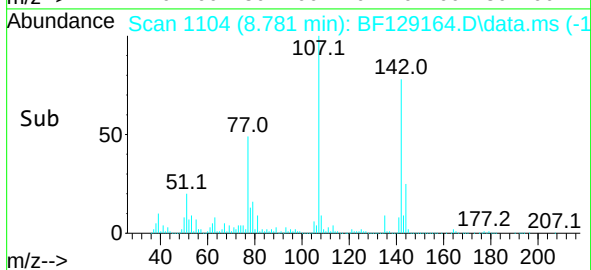
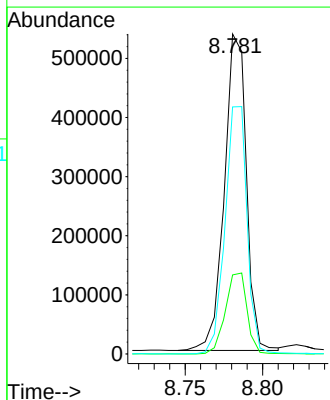
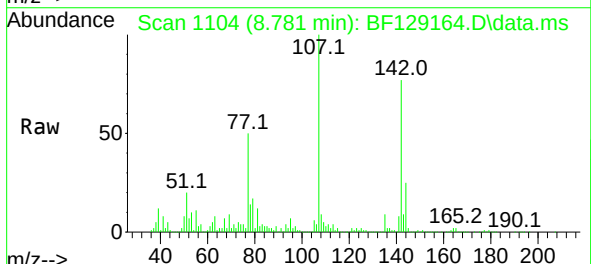
Manual Integrations
APPROVED

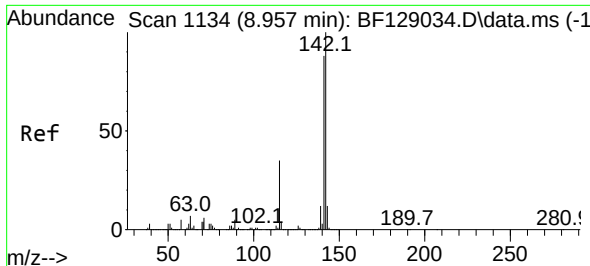
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#36
4-Chloro-3-methylphenol
Concen: 49.809 ng
RT: 8.781 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

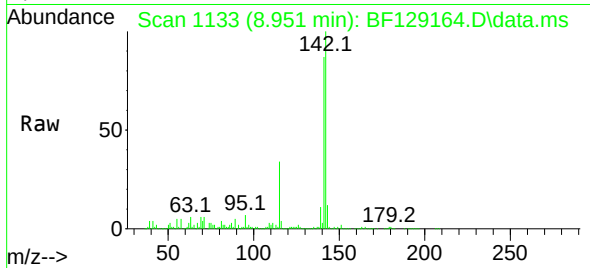
Tgt Ion:107 Resp: 529134
Ion Ratio Lower Upper
107 100
144 24.7 19.5 29.3
142 77.2 58.2 87.4





#37
2-Methylnaphthalene
Concen: 45.940 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

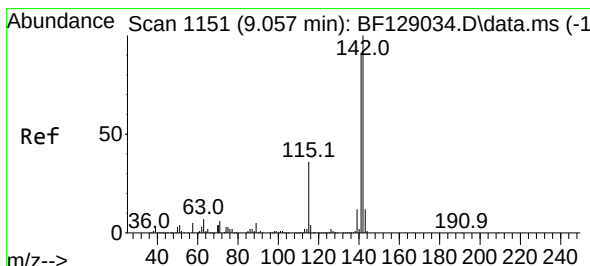
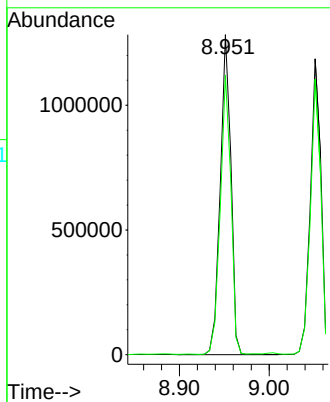
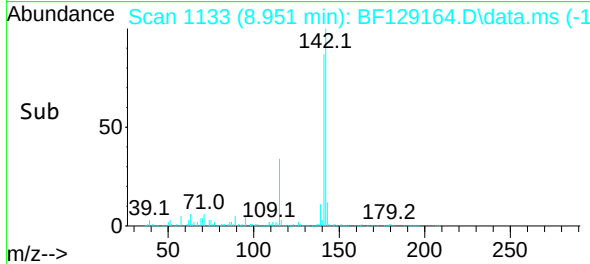
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:142 Resp: 1056924
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.4

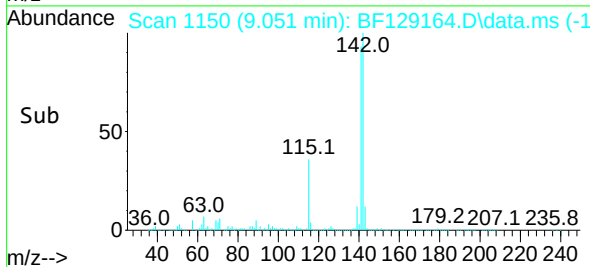
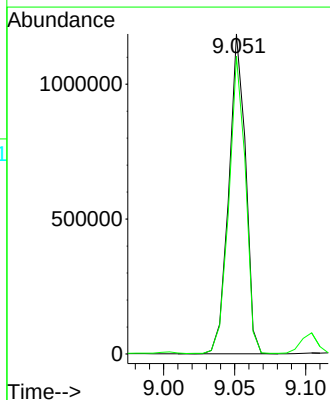
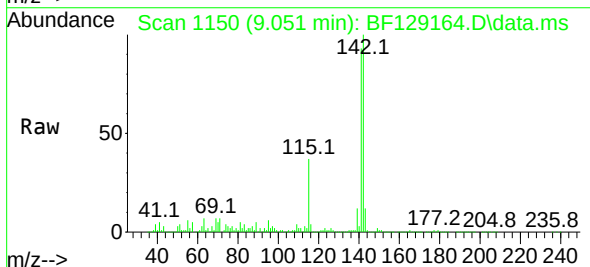
Manual Integrations
APPROVED

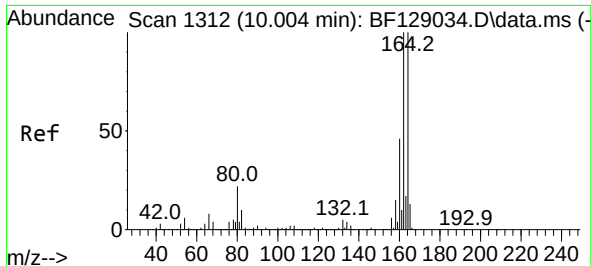
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#38
1-Methylnaphthalene
Concen: 43.639 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

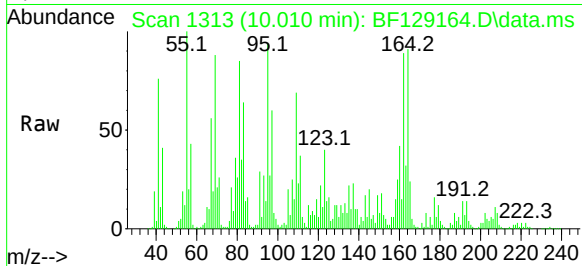
Tgt Ion:142 Resp: 974995
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

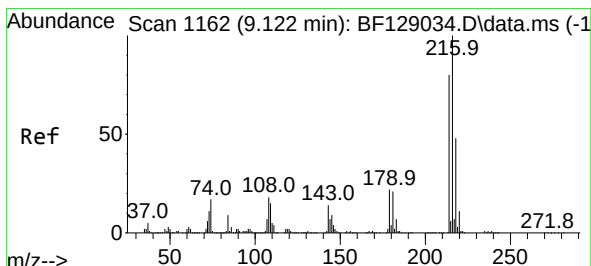
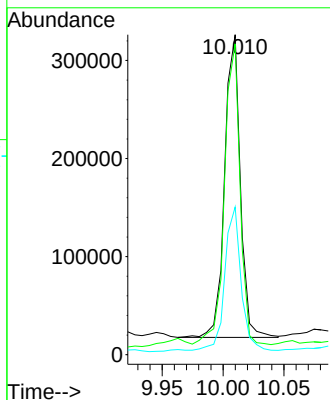
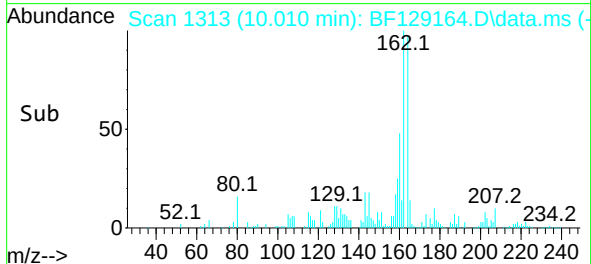
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



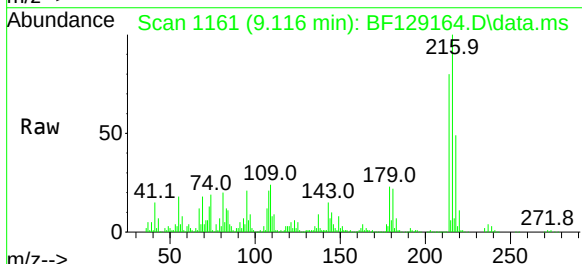
Tgt Ion:164 Resp: 277859
Ion Ratio Lower Upper
164 100
162 97.2 79.5 119.3
160 46.1 34.2 51.4

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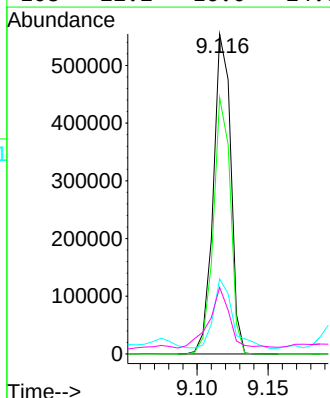
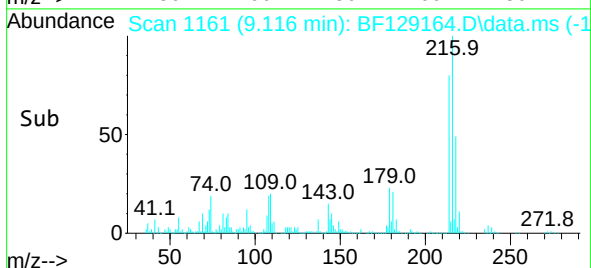
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

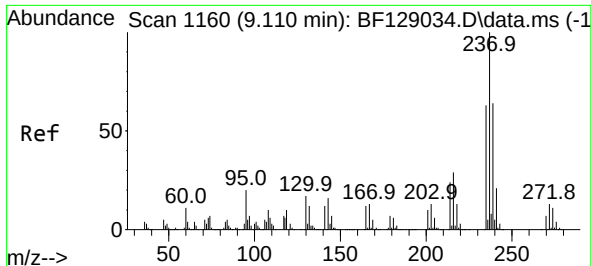


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.537 ng
RT: 9.116 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



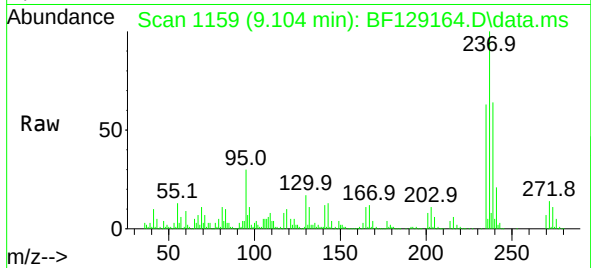
Tgt Ion:216 Resp: 472801
Ion Ratio Lower Upper
216 100
214 78.3 63.6 95.4
179 23.7 17.0 25.6
108 22.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 125.045 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

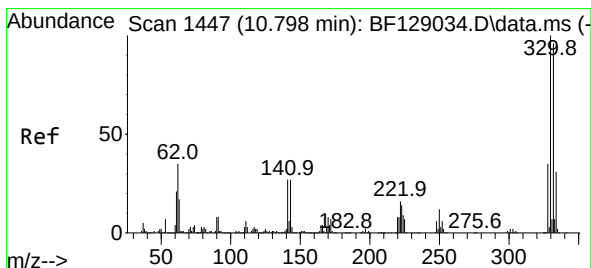
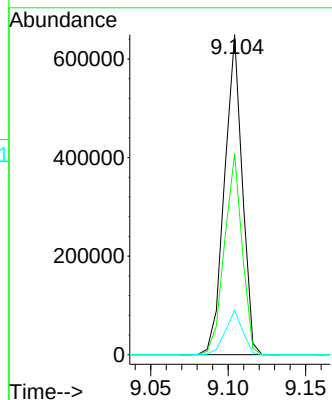
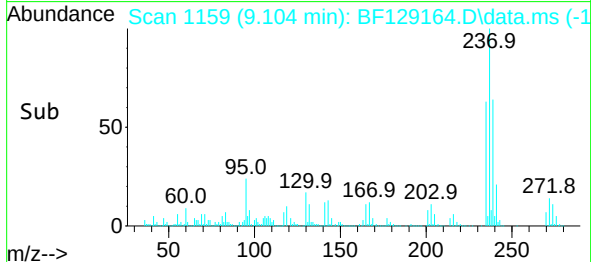
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



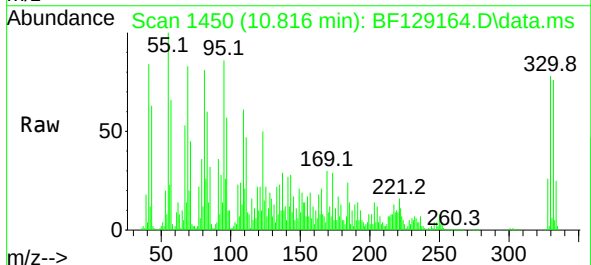
Tgt Ion: 237 Resp: 515514
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 13.9 0.0 31.9

Manual Integrations
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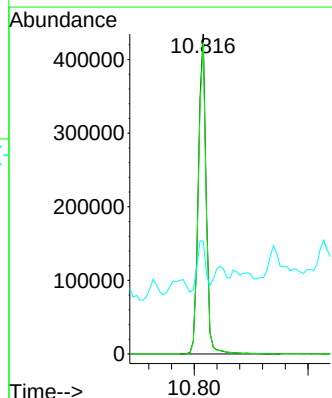
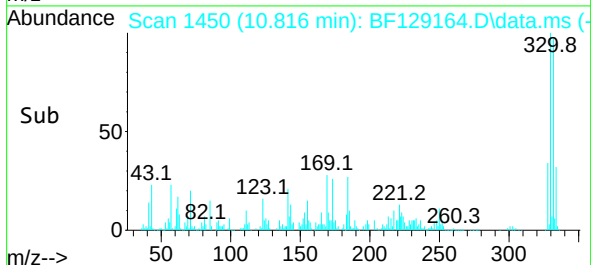
Reviewed By : Christian Giraldo 07/08/2022
Supervised By : Jagrut Upadhyay 07/08/2022

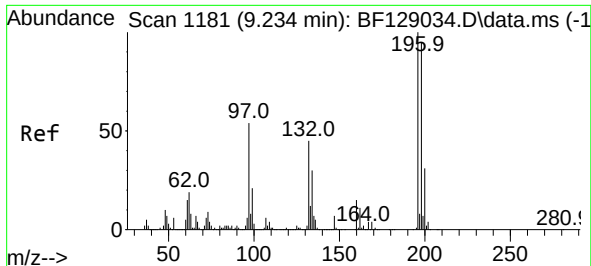


#42
2,4,6-Tribromophenol
Concen: 138.244 ng
RT: 10.816 min Scan# 1450
Delta R.T. 0.018 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



Tgt Ion: 330 Resp: 417677
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 17.4 28.0 42.0#





#43

2,4,6-Trichlorophenol

Concen: 57.625 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

Tgt Ion:196 Resp: 30655

Ion Ratio Lower Upper

196 100

198 95.3 74.0 111.0

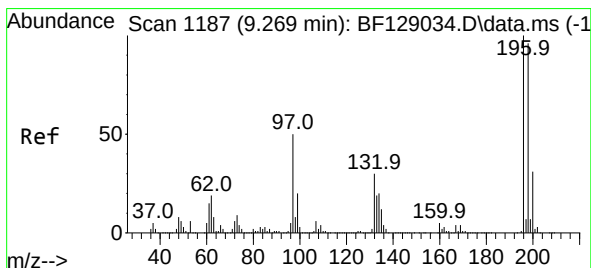
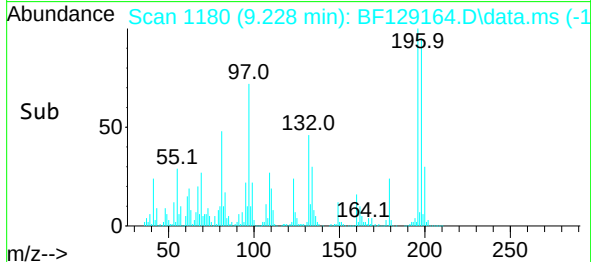
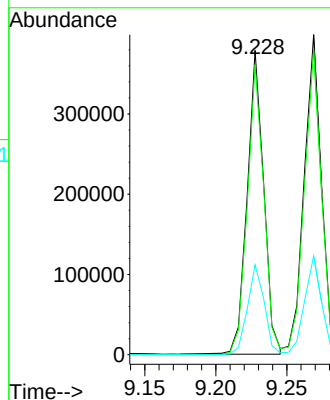
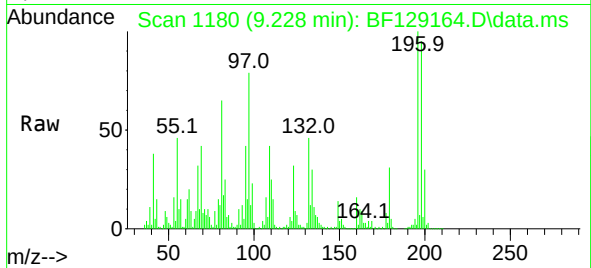
200 29.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#44

2,4,5-Trichlorophenol

Concen: 59.810 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Tgt Ion:196 Resp: 338439

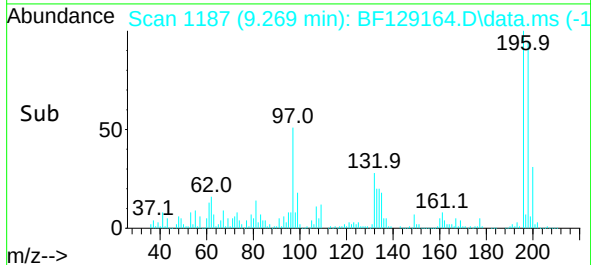
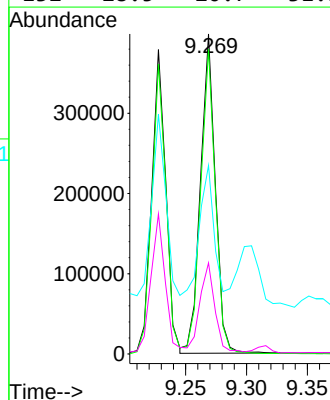
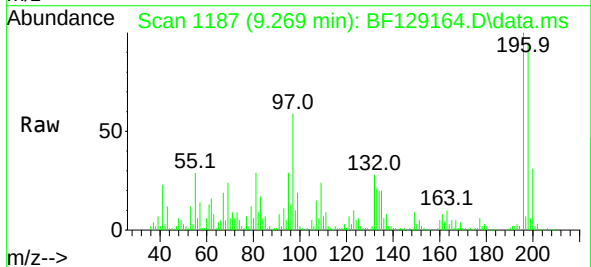
Ion Ratio Lower Upper

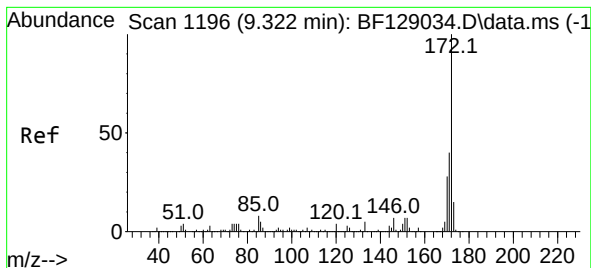
196 100

198 95.3 75.7 113.5

97 58.9 36.4 54.6#

132 28.5 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 95.778 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

Tgt Ion:172 Resp: 166352

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

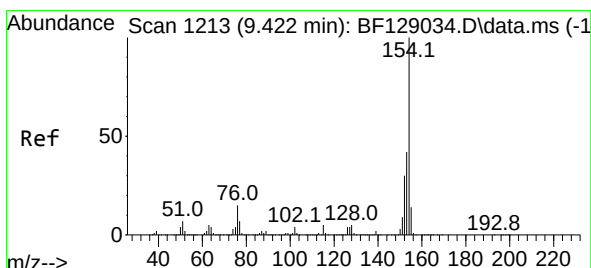
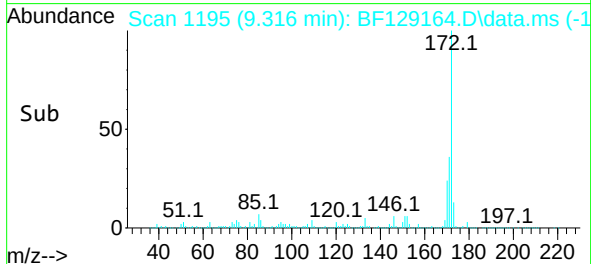
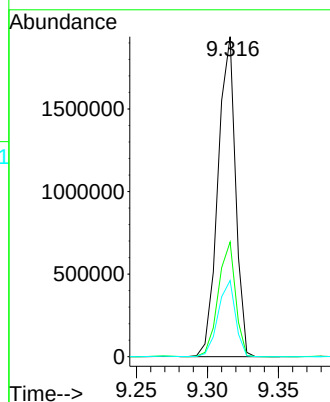
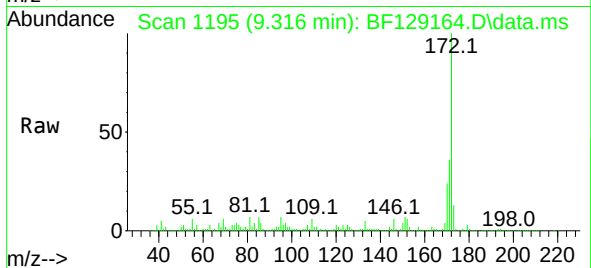
170 23.8 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#46

1,1'-Biphenyl

Concen: 59.263 ng

RT: 9.416 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

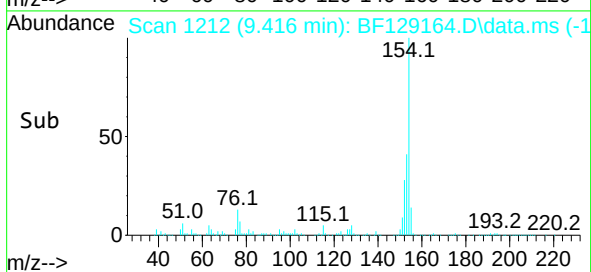
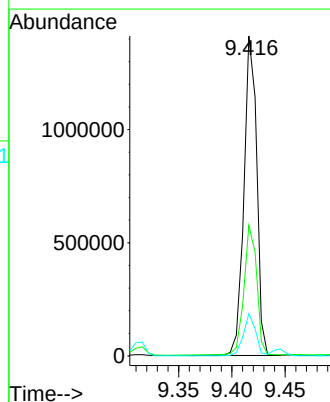
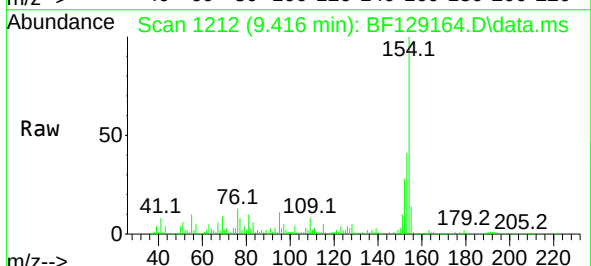
Tgt Ion:154 Resp: 1183835

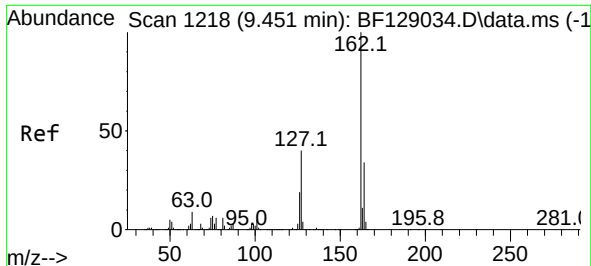
Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

76 13.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 55.113 ng

RT: 9.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

Tgt Ion:162 Resp: 85019

Ion Ratio Lower Upper

162 100

127 41.9 34.5 51.7

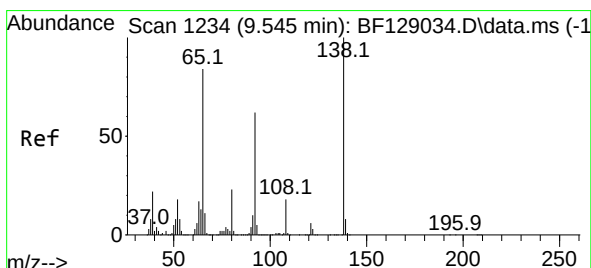
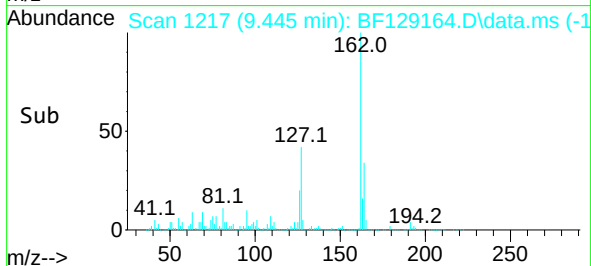
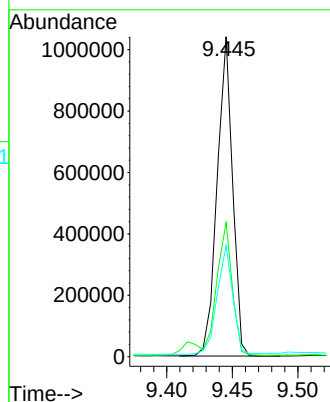
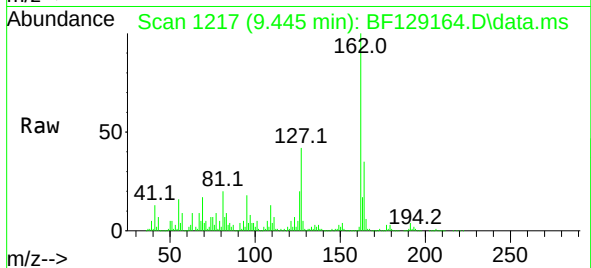
164 34.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#48

2-Nitroaniline

Concen: 62.818 ng m

RT: 9.539 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

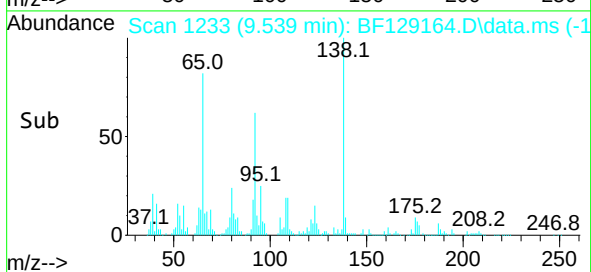
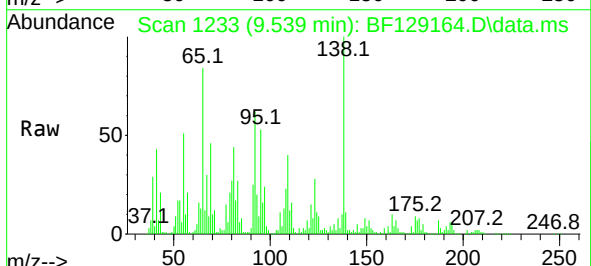
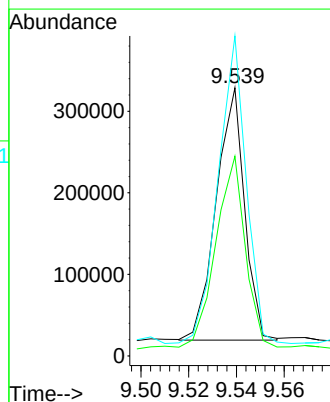
Tgt Ion: 65 Resp: 255227

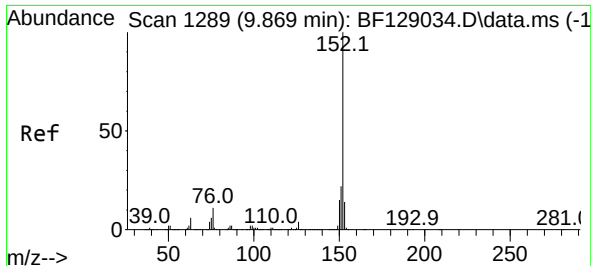
Ion Ratio Lower Upper

65 100

92 74.5 51.9 77.9

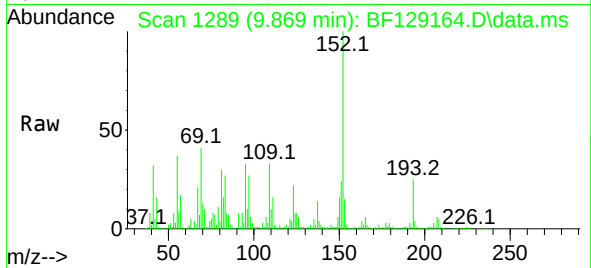
138 119.4 76.4 114.6#





#49
Acenaphthylene
Concen: 50.301 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

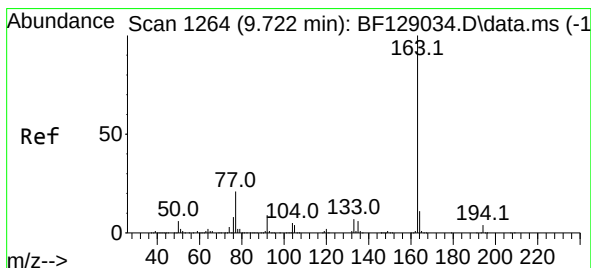
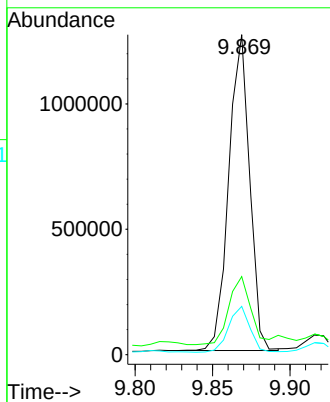
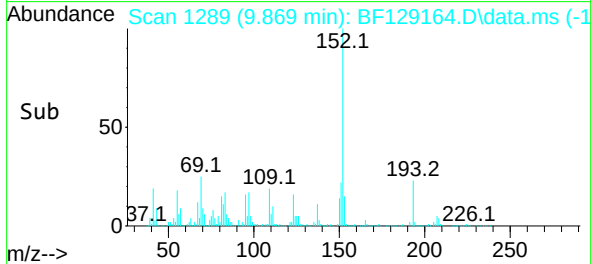
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



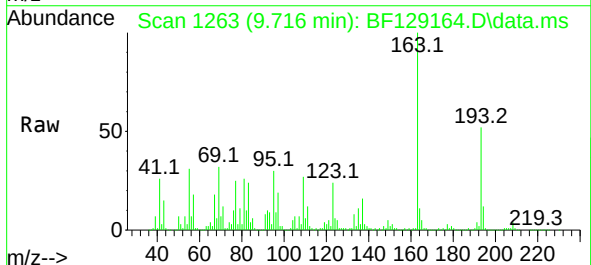
Tgt Ion:152 Resp: 1179069
Ion Ratio Lower Upper
152 100
151 24.4 16.2 24.4
153 15.1 10.7 16.1

Manual Integrations
APPROVED

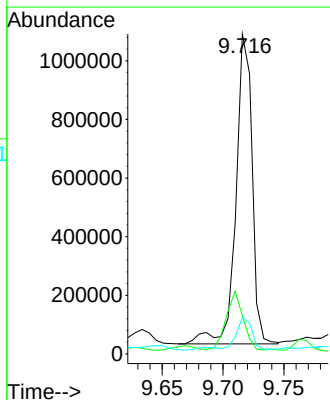
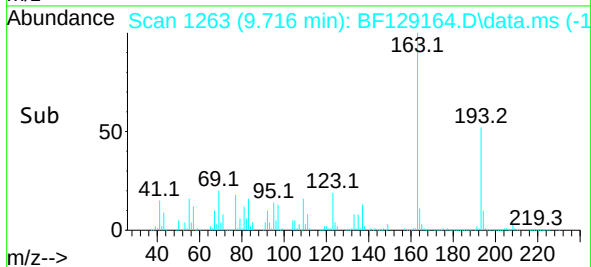
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

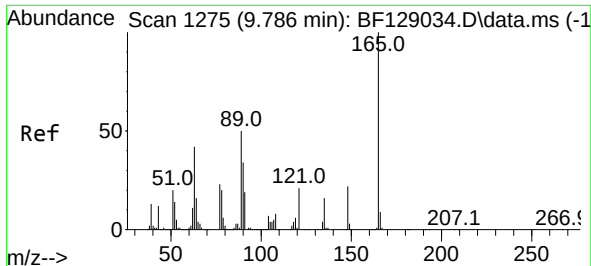


#50
Dimethylphthalate
Concen: 56.412 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



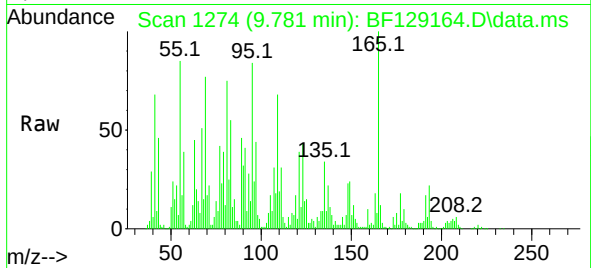
Tgt Ion:163 Resp: 980599
Ion Ratio Lower Upper
163 100
194 11.9 3.2 4.8
164 11.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 81.404 ng
RT: 9.781 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

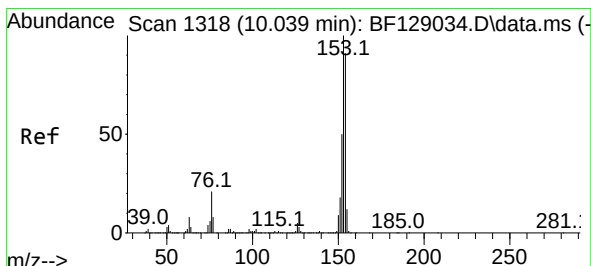
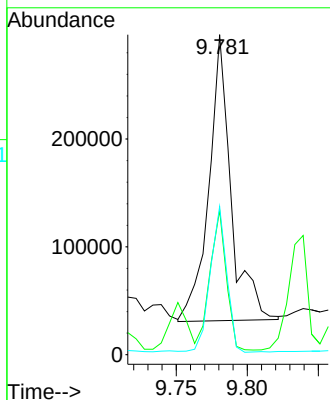
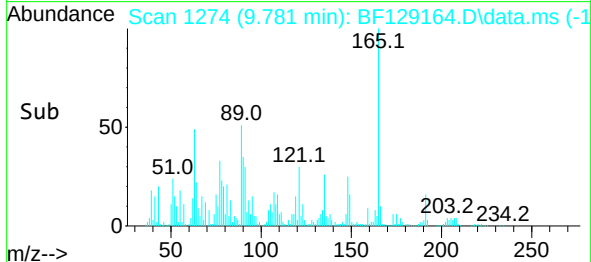
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



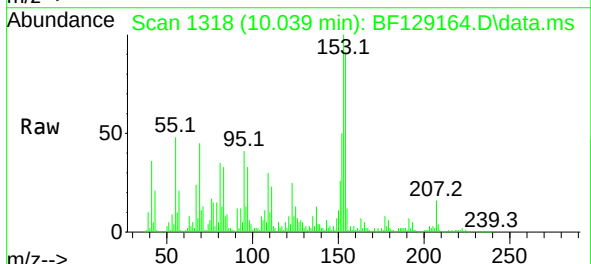
Tgt Ion:165 Resp: 289154
Ion Ratio Lower Upper
165 100
63 45.1 44.9 67.3
89 46.3 43.6 65.4

Manual Integrations
APPROVED

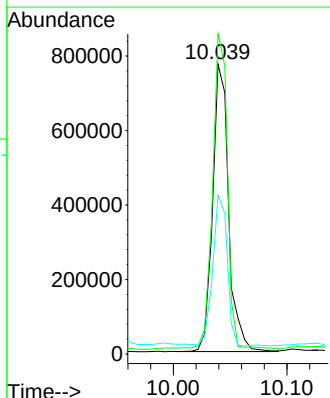
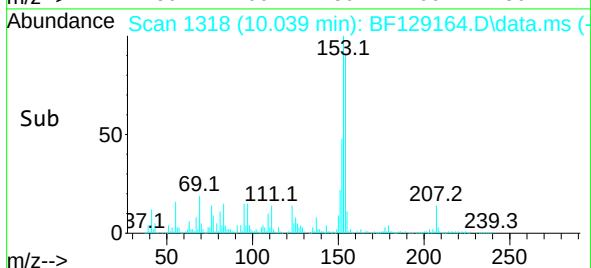
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

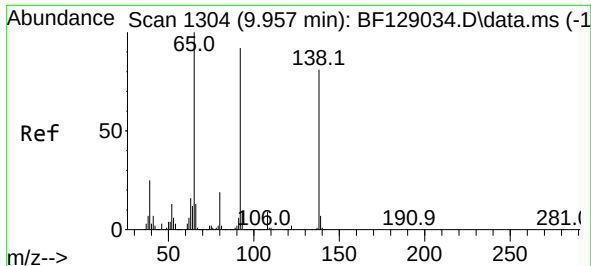


#52
Acenaphthene
Concen: 49.318 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



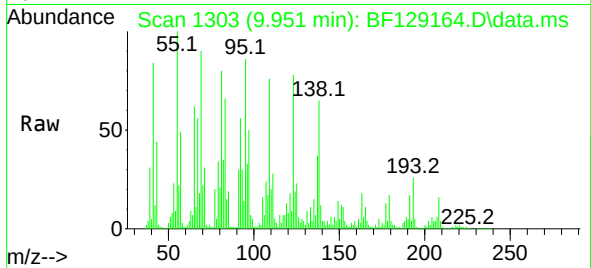
Tgt Ion:154 Resp: 753005
Ion Ratio Lower Upper
154 100
153 110.5 89.6 134.4
152 54.8 42.4 63.6





#53
3-Nitroaniline
Concen: 45.710 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

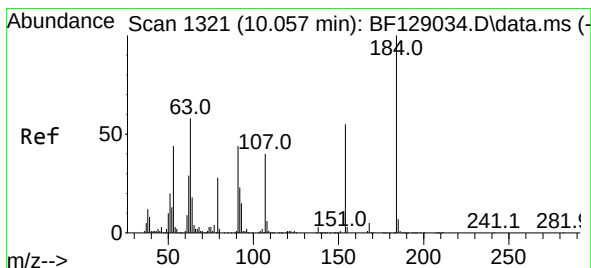
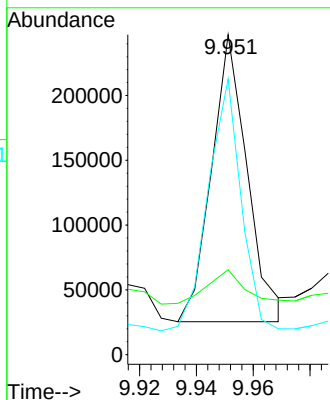
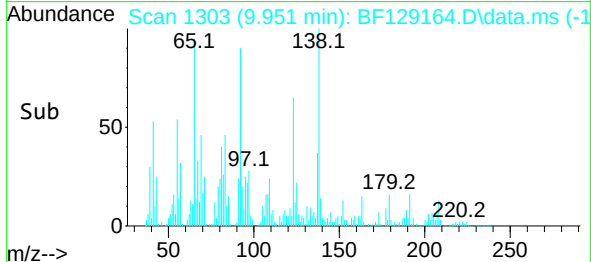
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



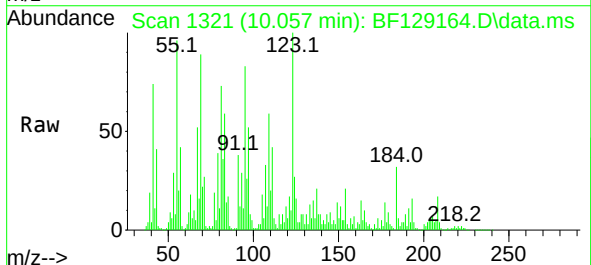
Tgt Ion:138 Resp: 19362
Ion Ratio Lower Upper
138 100
108 26.6 10.9 16.3
92 86.2 98.2 147.2

Manual Integrations
APPROVED

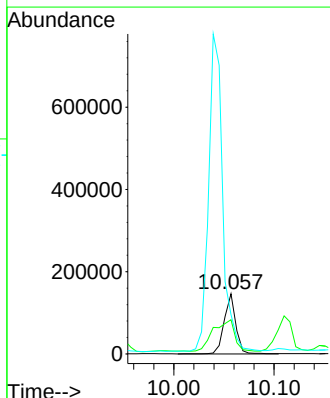
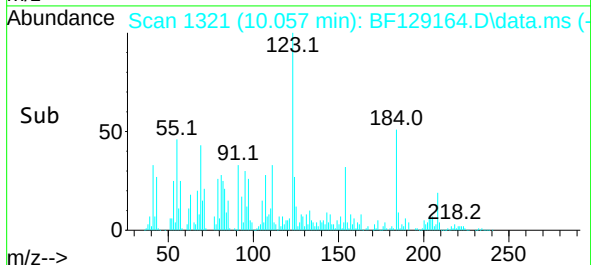
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

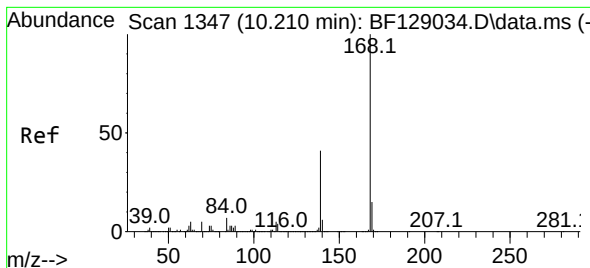


#54
2,4-Dinitrophenol
Concen: 62.397 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



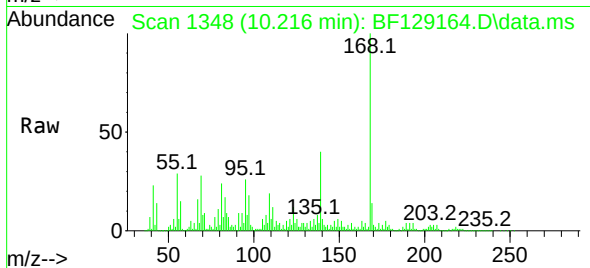
Tgt Ion:184 Resp: 116683
Ion Ratio Lower Upper
184 100
63 56.8 64.5 96.7
154 65.5 50.6 75.8





#55
Dibenzenofuran
Concen: 46.910 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

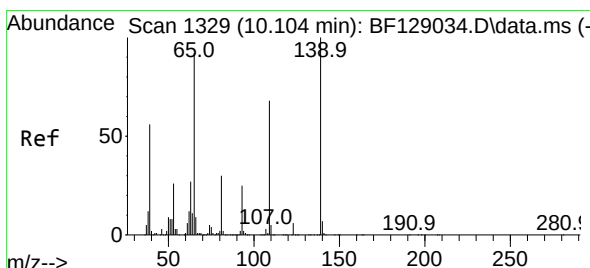
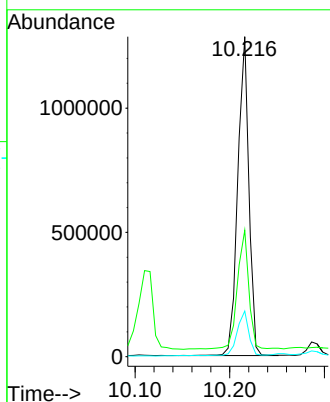
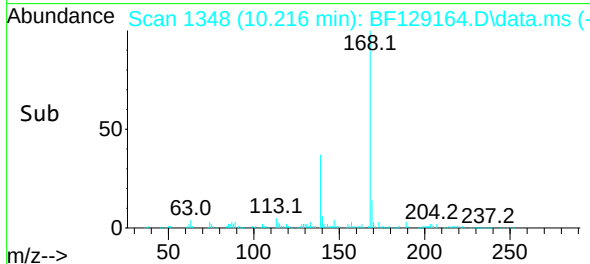
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



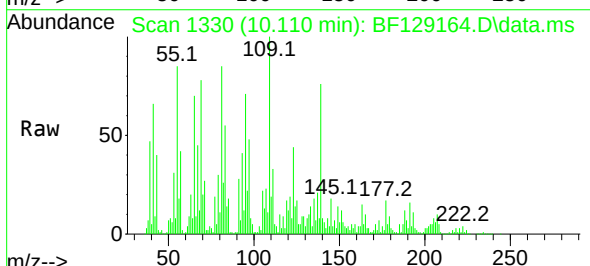
Tgt Ion:168 Resp: 1042920
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0
169 14.2 11.0 16.6

Manual Integrations
APPROVED

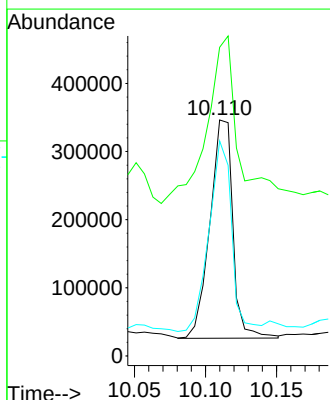
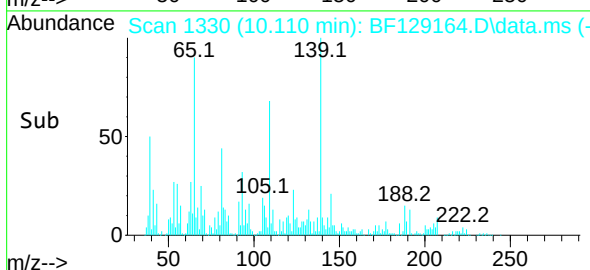
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

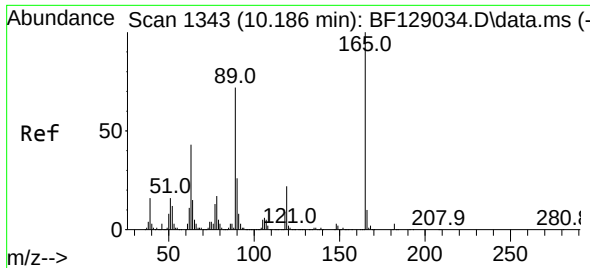


#56
4-Nitrophenol
Concen: 103.770 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



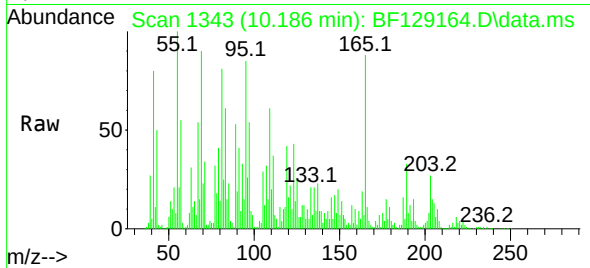
Tgt Ion:139 Resp: 359147
Ion Ratio Lower Upper
139 100
109 130.8 50.7 90.7#
65 91.1 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 60.822 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

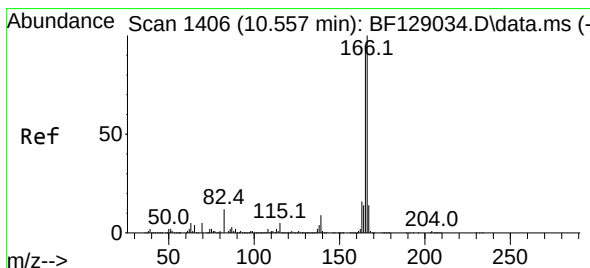
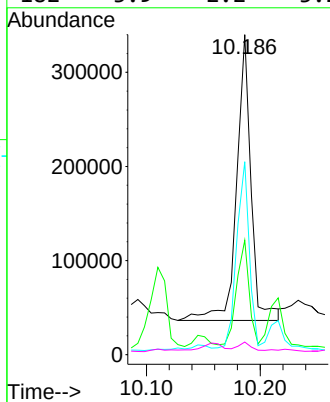
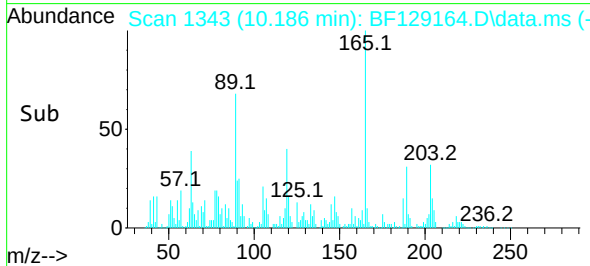
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



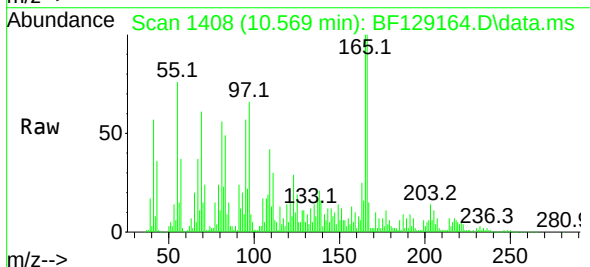
Tgt Ion:165 Resp: 266714
Ion Ratio Lower Upper
165 100
63 35.7 39.8 59.6
89 60.3 60.2 90.2
182 3.9 2.2 3.2#

Manual Integrations
APPROVED

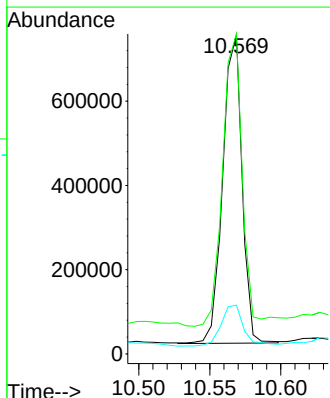
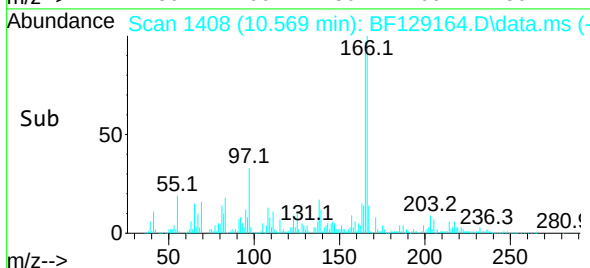
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

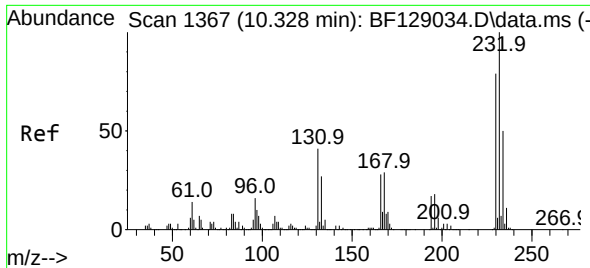


#58
Fluorene
Concen: 40.153 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



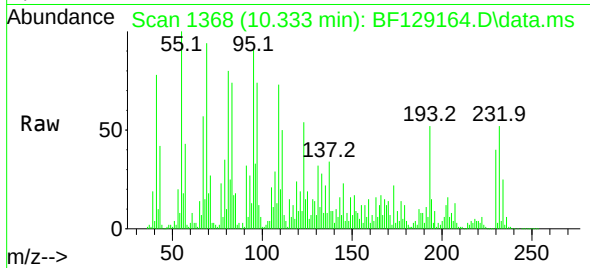
Tgt Ion:166 Resp: 690519
Ion Ratio Lower Upper
166 100
165 100.2 78.1 117.1
167 15.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.970 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

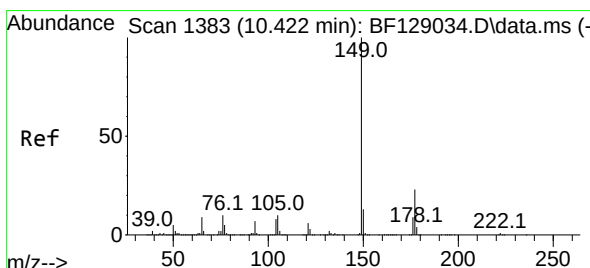
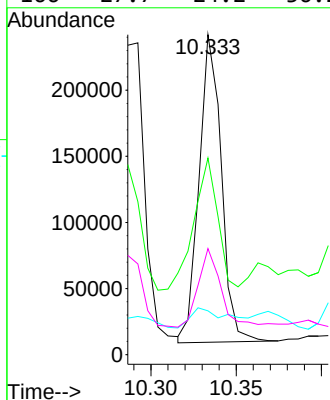
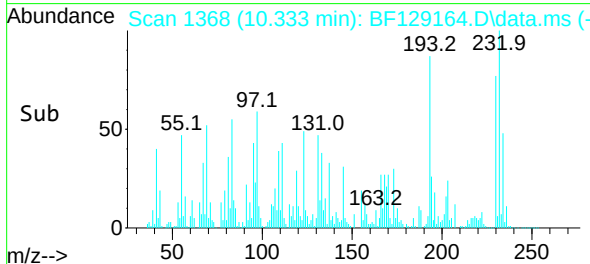
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



Tgt Ion:232 Resp: 210818
Ion Ratio Lower Upper
232 100
131 46.8 36.1 54.1
130 11.4 1.8 2.8
166 27.7 24.2 36.2

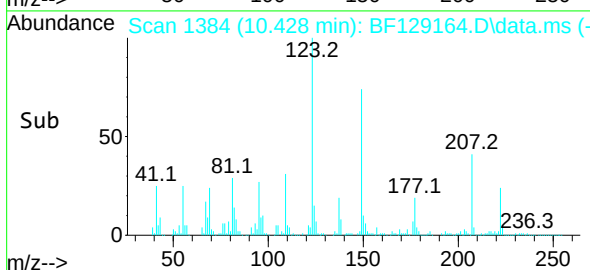
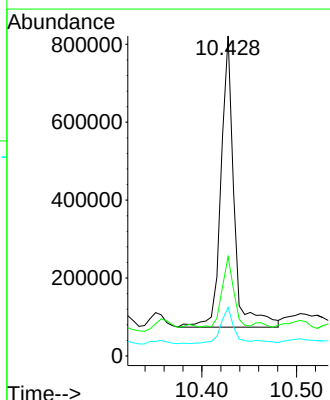
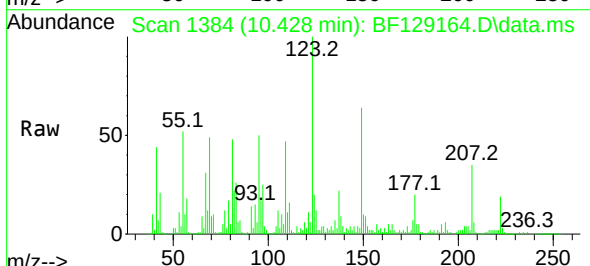
Manual Integrations
APPROVED

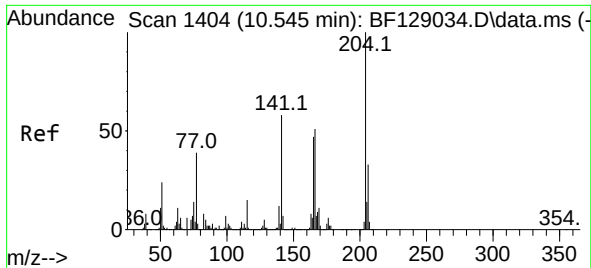
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#60
Diethylphthalate
Concen: 41.377 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

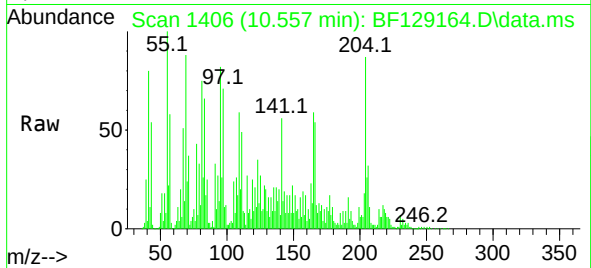
Tgt Ion:149 Resp: 720704
Ion Ratio Lower Upper
149 100
177 31.1 17.3 25.9
150 15.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.250 ng m
RT: 10.557 min Scan# 1406
Delta R.T. 0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

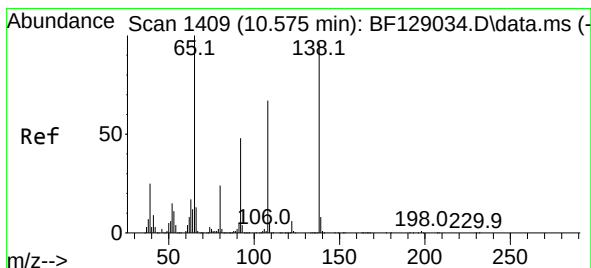
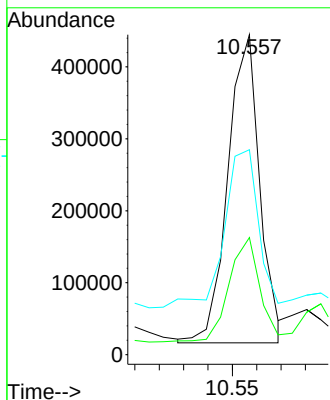
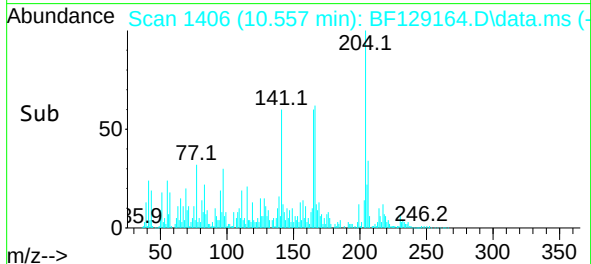
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



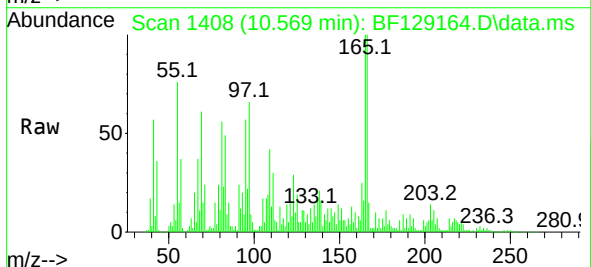
Tgt Ion:204 Resp: 387720
Ion Ratio Lower Upper
204 100
206 36.6 25.8 38.6
141 64.0 47.0 70.4

Manual Integrations
APPROVED

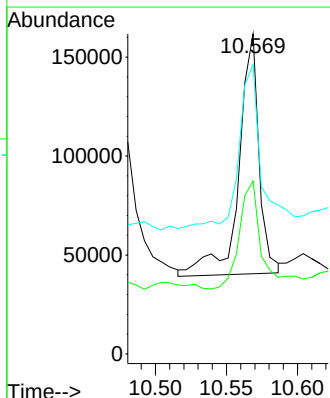
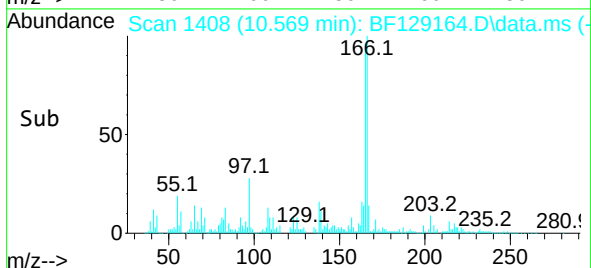
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

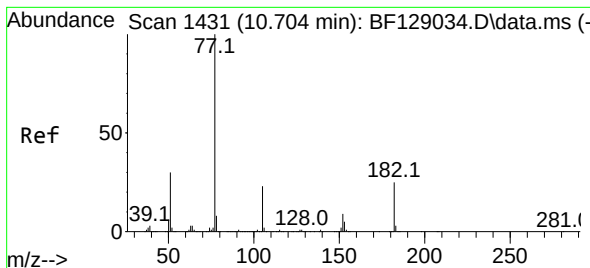


#62
4-Nitroaniline
Concen: 28.882 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



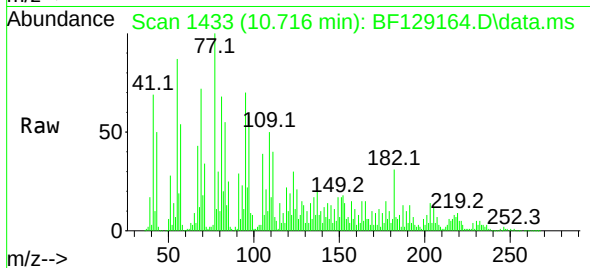
Tgt Ion:138 Resp: 121316
Ion Ratio Lower Upper
138 100
92 54.1 33.5 73.5
108 90.4 61.0 101.0





#63
Azobenzene
Concen: 30.252 ng
RT: 10.716 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

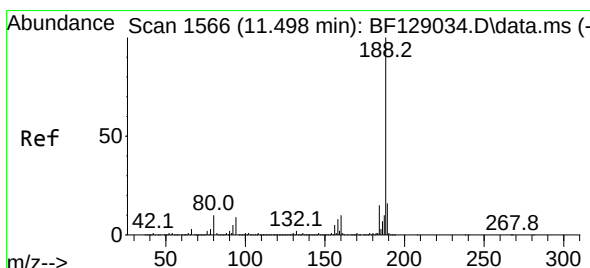
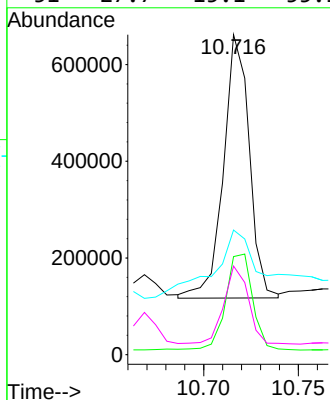
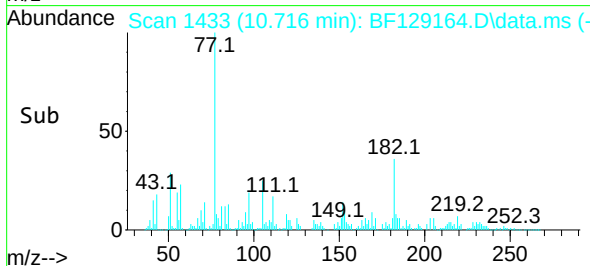
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



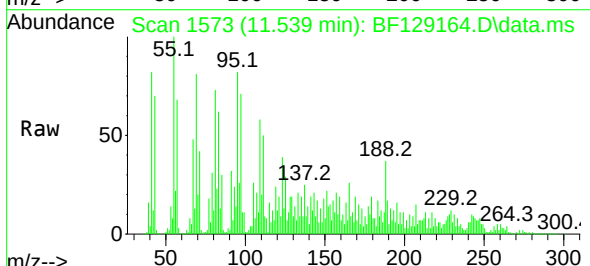
Tgt Ion: 77 Resp: 516259
Ion Ratio Lower Upper
77 100
182 30.7 5.6 45.6
105 39.0 1.6 41.6
51 27.7 15.1 55.1

Manual Integrations
APPROVED

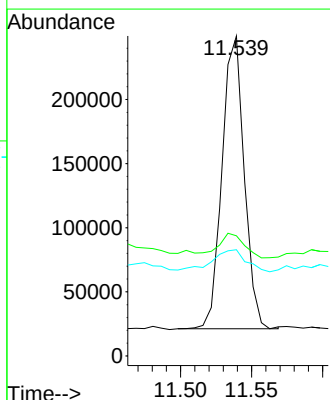
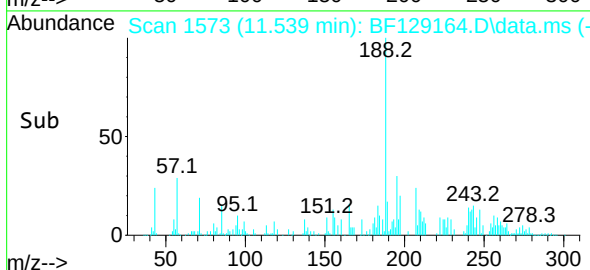
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

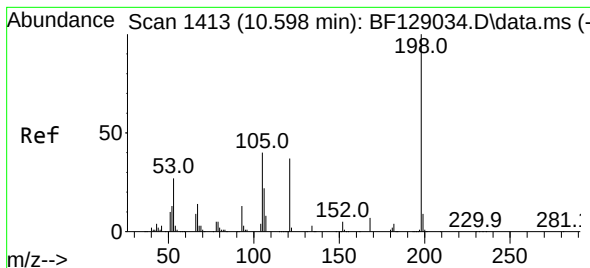


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1573
Delta R.T. 0.041 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



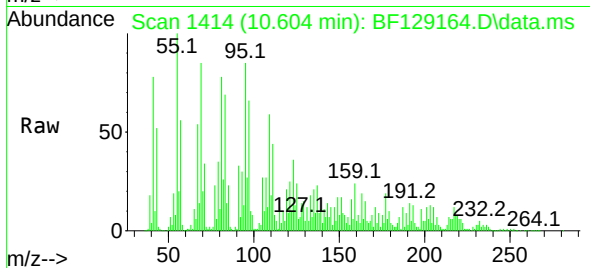
Tgt Ion:188 Resp: 247671
Ion Ratio Lower Upper
188 100
94 37.5 7.0 10.6#
80 33.2 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 57.501 ng
RT: 10.604 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

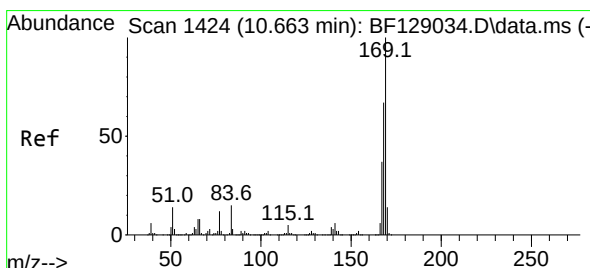
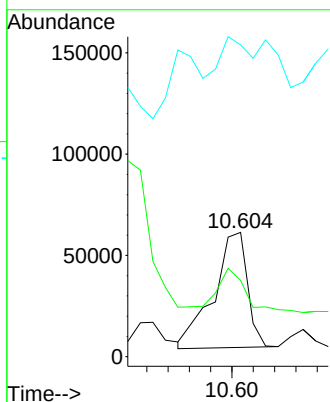
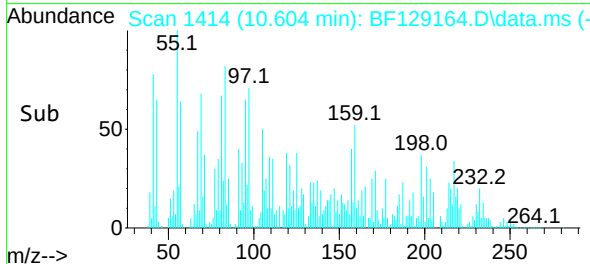
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



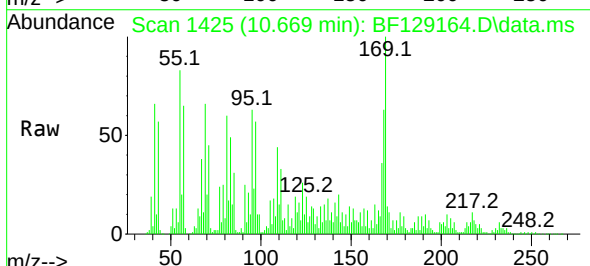
Tgt Ion:198 Resp: 63000
Ion Ratio Lower Upper
198 100
51 61.4 37.6 77.6
105 250.9 27.0 67.0

Manual Integrations
APPROVED

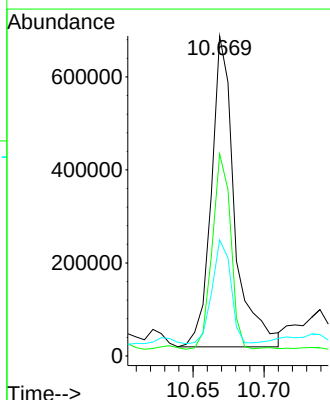
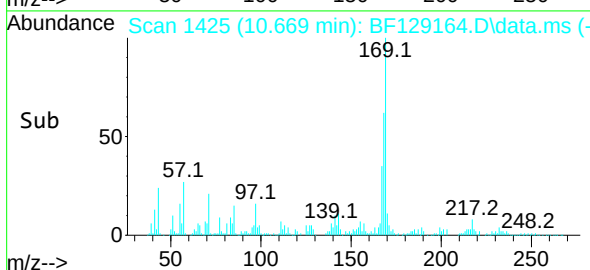
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

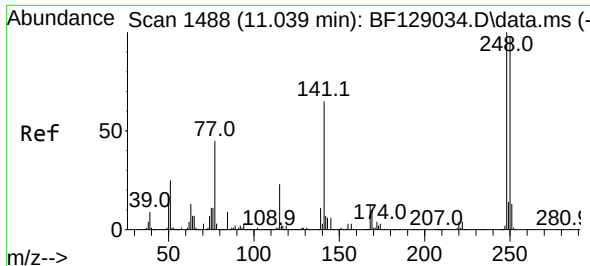


#66
n-Nitrosodiphenylamine
Concen: 101.469 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



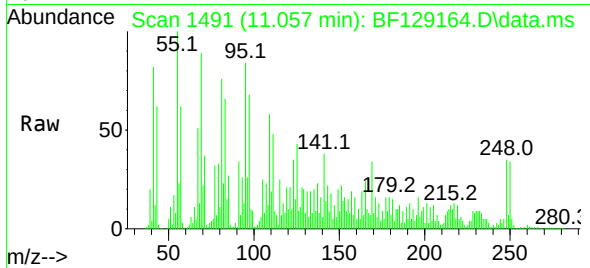
Tgt Ion:169 Resp: 763240
Ion Ratio Lower Upper
169 100
168 63.2 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 72.279 ng
RT: 11.057 min Scan# 1488
Delta R.T. 0.018 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

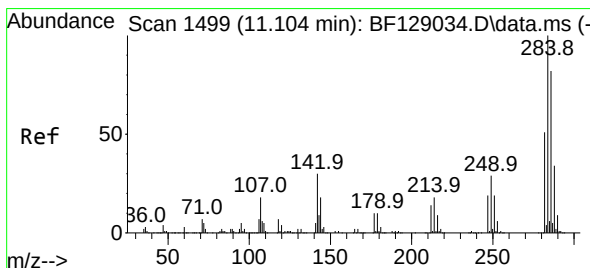
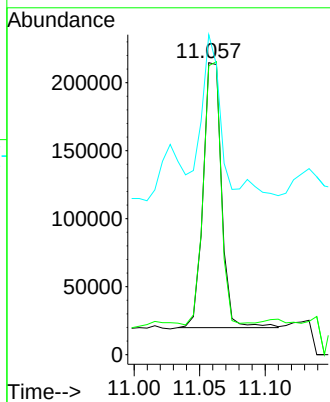
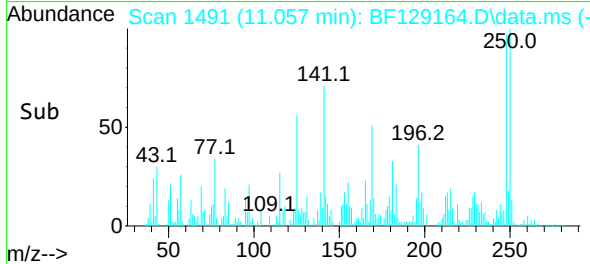
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



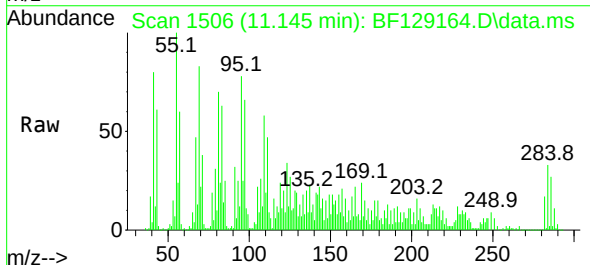
Tgt Ion:248 Resp: 190423
Ion Ratio Lower Upper
248 100
250 98.9 80.6 120.8
141 109.6 58.9 88.3

Manual Integrations
APPROVED

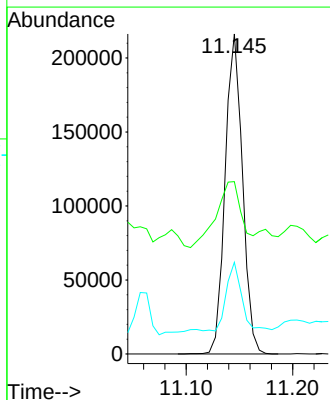
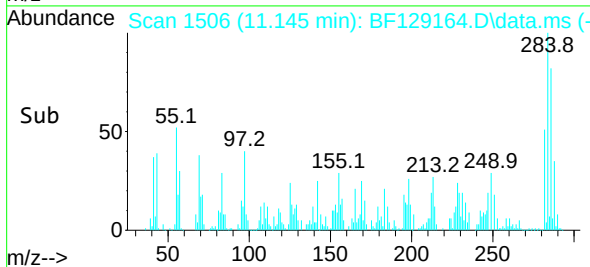
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

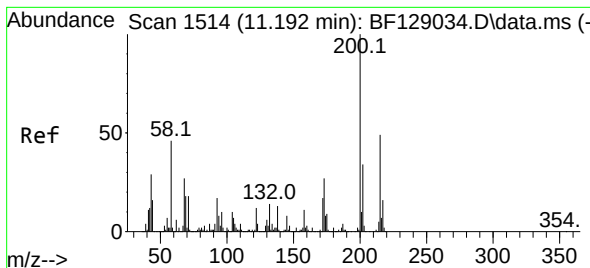


#68
Hexachlorobenzene
Concen: 83.123 ng
RT: 11.145 min Scan# 1506
Delta R.T. 0.041 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



Tgt Ion:284 Resp: 243853
Ion Ratio Lower Upper
284 100
142 53.9 29.0 43.4#
249 28.6 25.0 37.6





#69

Atrazine

Concen: 77.089 ng

RT: 11.245 min Scan# 1

Delta R.T. 0.053 min

Lab File: BF129164.D

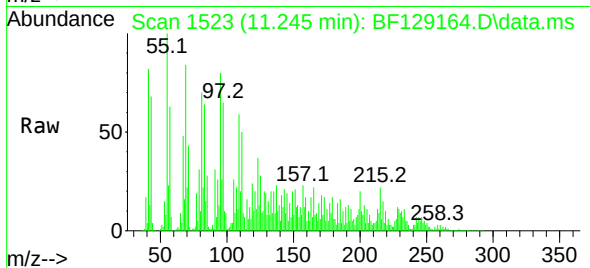
Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD



Tgt Ion:200 Resp: 16316

Ion Ratio Lower Upper

200 100

173 84.1 6.3 46.3

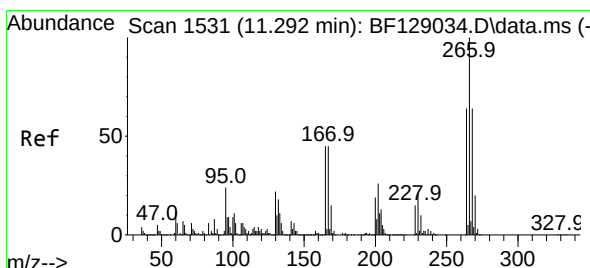
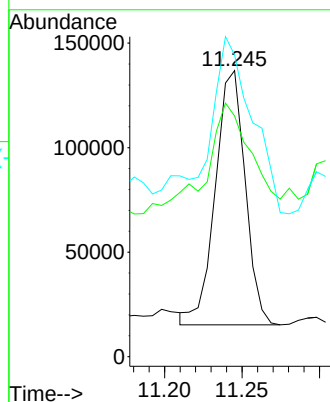
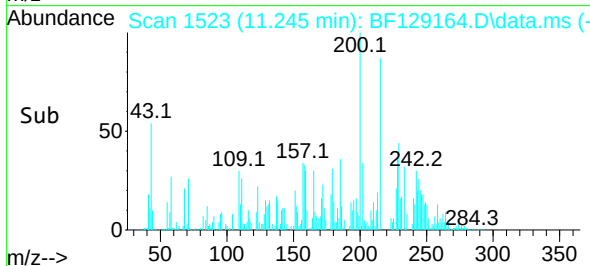
215 105.5 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#70

Pentachlorophenol

Concen: 136.402 ng

RT: 11.333 min Scan# 1538

Delta R.T. 0.041 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

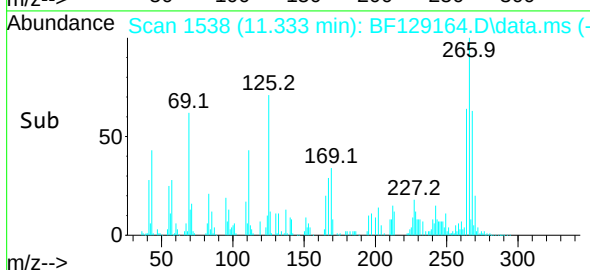
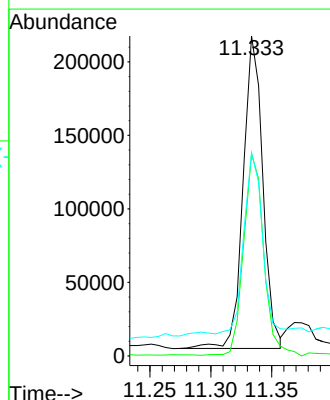
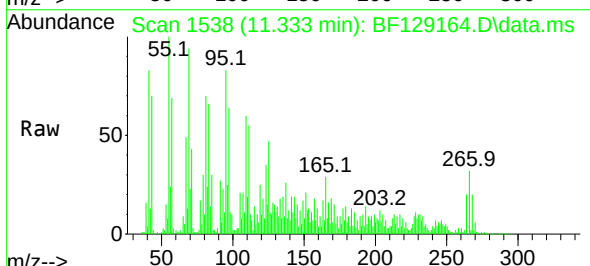
Tgt Ion:266 Resp: 238339

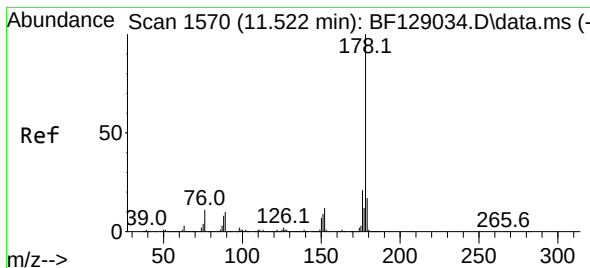
Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.4

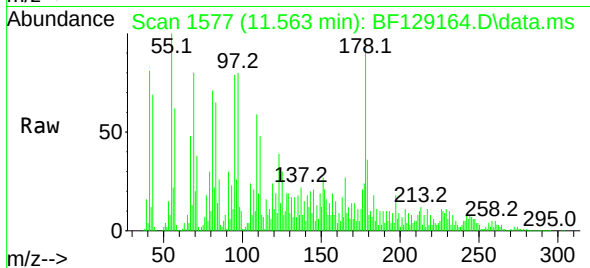
264 63.5 49.4 74.2





#71
Phenanthrene
Concen: 57.875 ng
RT: 11.563 min Scan# 1577
Delta R.T. 0.041 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

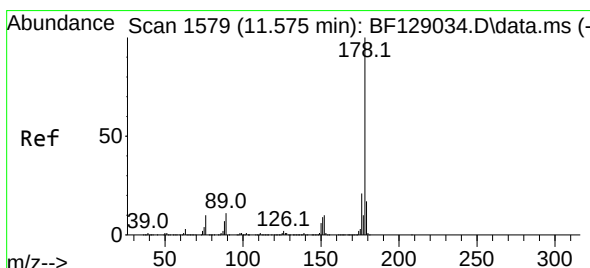
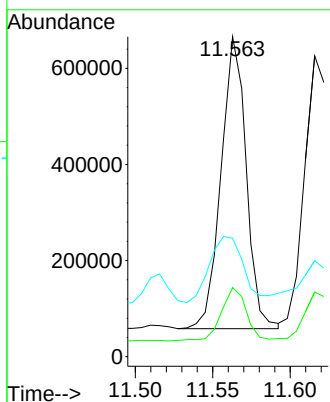
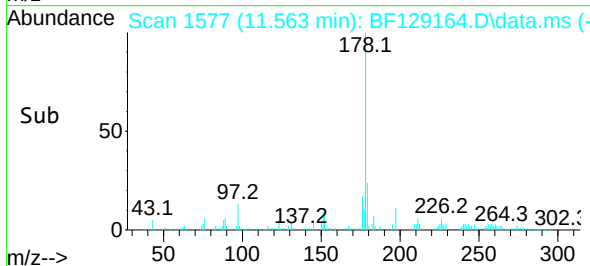
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



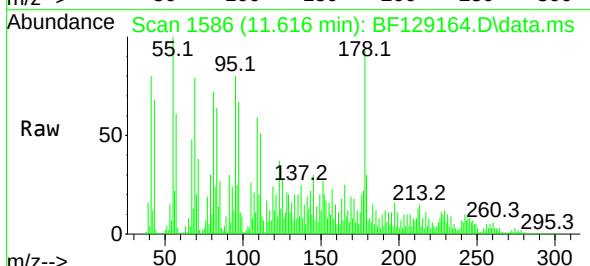
Tgt Ion:178 Resp: 684869
Ion Ratio Lower Upper
178 100
176 21.6 16.0 24.0
179 37.0 12.6 19.0

Manual Integrations
APPROVED

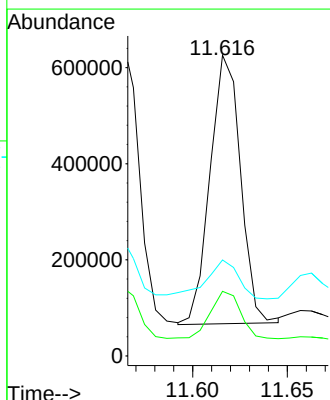
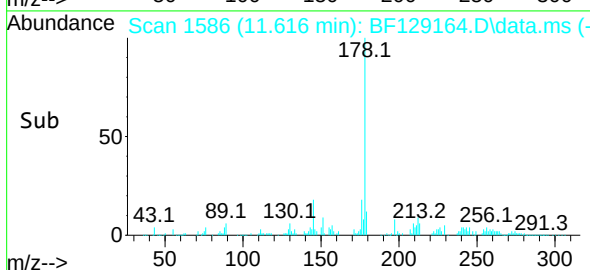
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

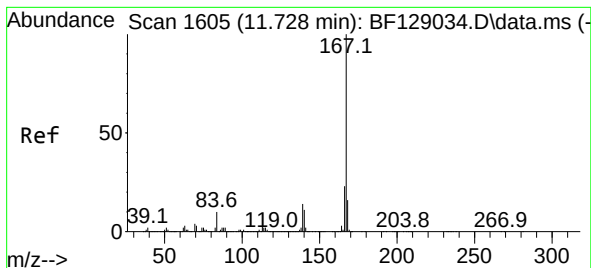


#72
Anthracene
Concen: 53.812 ng
RT: 11.616 min Scan# 1586
Delta R.T. 0.041 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



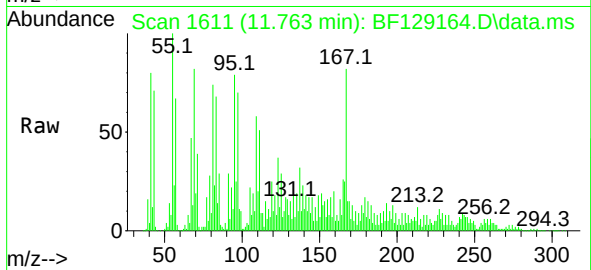
Tgt Ion:178 Resp: 627832
Ion Ratio Lower Upper
178 100
176 21.5 15.4 23.2
179 31.9 12.6 19.0





#73
 Carbazole
 Concen: 46.048 ng
 RT: 11.763 min Scan# 1611
 Delta R.T. 0.035 min
 Lab File: BF129164.D
 Acq: 07 Jul 2022 17:56

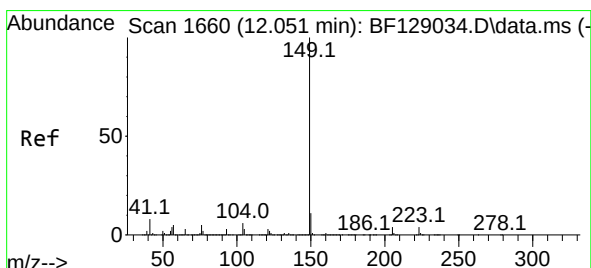
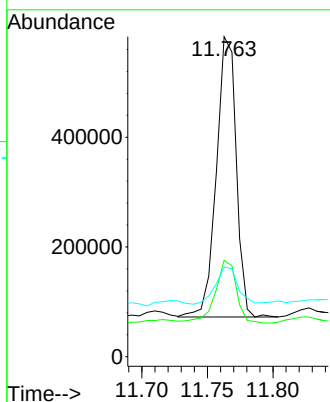
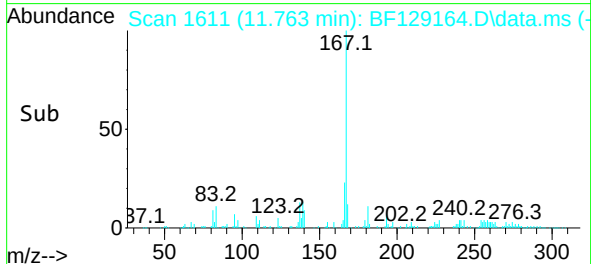
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-2716SMSD



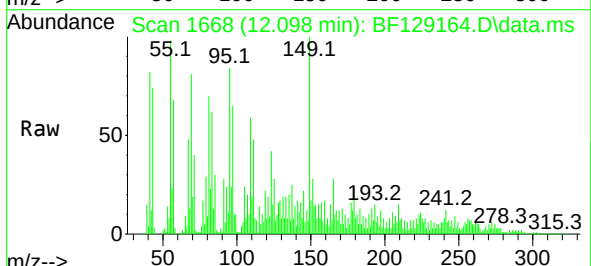
Tgt Ion:167 Resp: 538338
 Ion Ratio Lower Upper
 167 100
 166 30.1 17.7 26.5
 139 28.0 11.2 16.8

Manual Integrations
 APPROVED

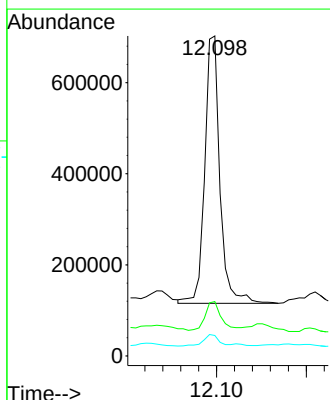
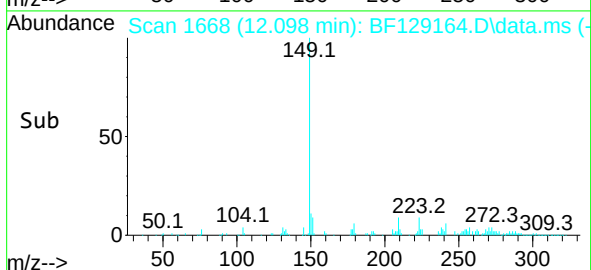
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

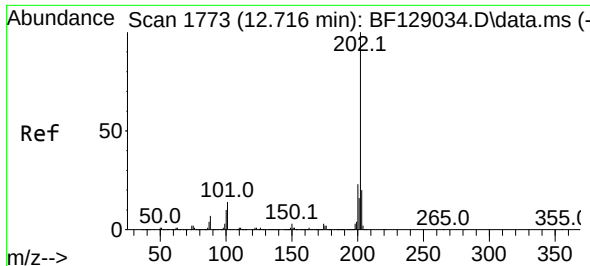


#74
 Di-n-butylphthalate
 Concen: 55.558 ng
 RT: 12.098 min Scan# 1668
 Delta R.T. 0.047 min
 Lab File: BF129164.D
 Acq: 07 Jul 2022 17:56



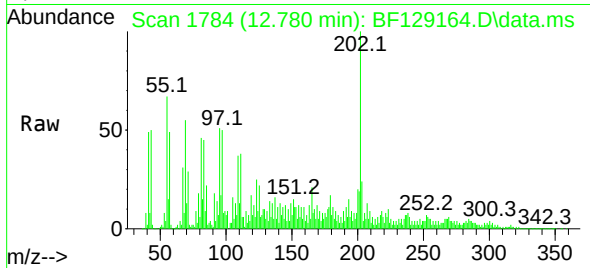
Tgt Ion:149 Resp: 684842
 Ion Ratio Lower Upper
 149 100
 150 17.0 7.5 11.3
 104 6.4 4.4 6.6





#75
Fluoranthene
Concen: 71.632 ng
RT: 12.780 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

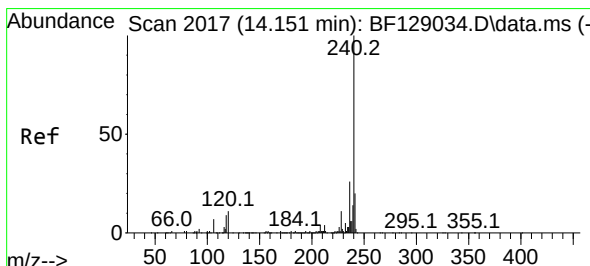
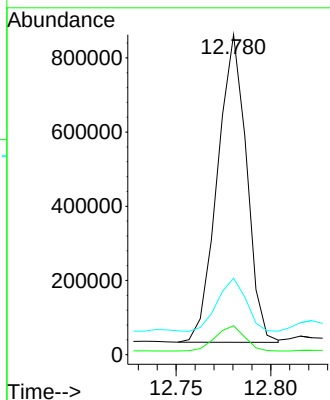
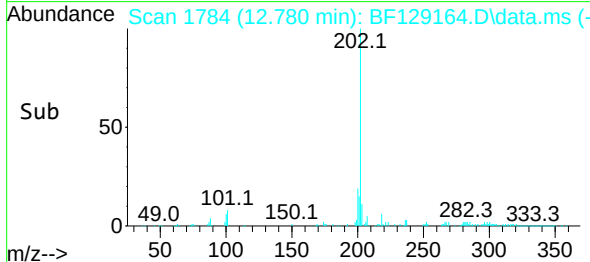
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



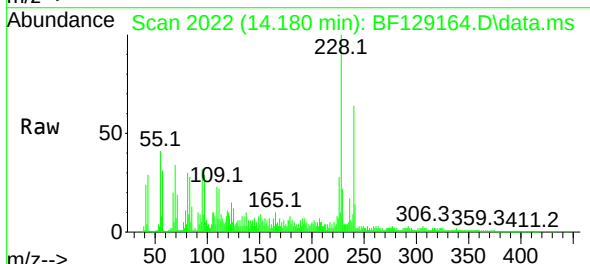
Tgt Ion:202 Resp: 88650
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.4
203 23.9 0.0 38.0

Manual Integrations
APPROVED

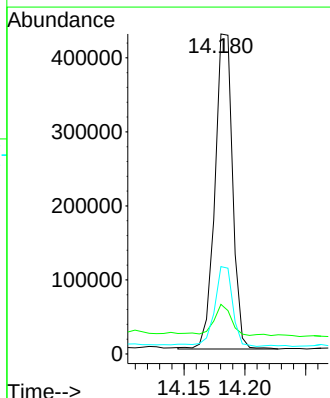
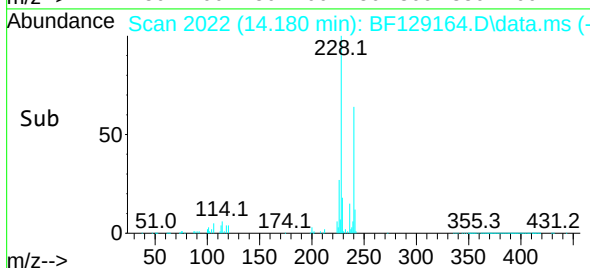
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

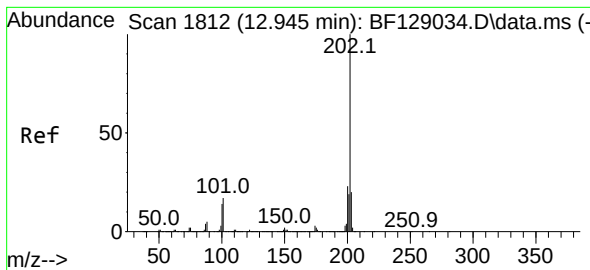


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2022
Delta R.T. 0.029 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



Tgt Ion:240 Resp: 431864
Ion Ratio Lower Upper
240 100
120 15.5 8.9 13.3#
236 27.3 20.8 31.2





#78

Pyrene

Concen: 32.214 ng

RT: 13.010 min Scan# 1812

Delta R.T. 0.065 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

Tgt Ion:202 Resp: 964340

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

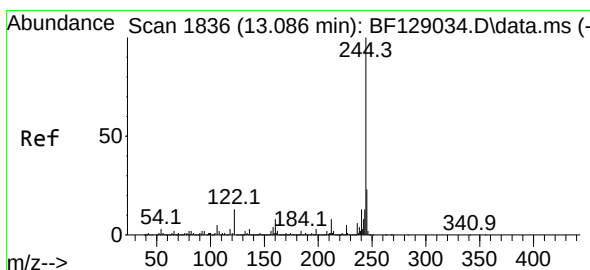
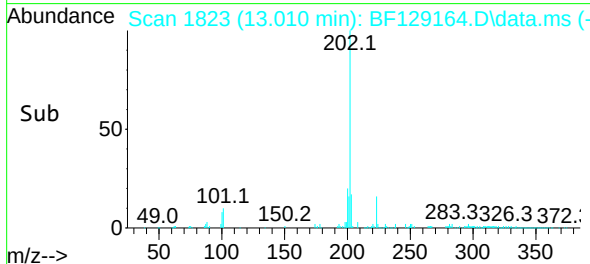
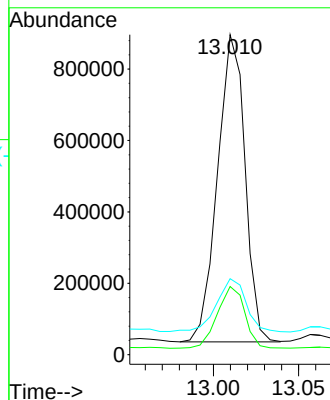
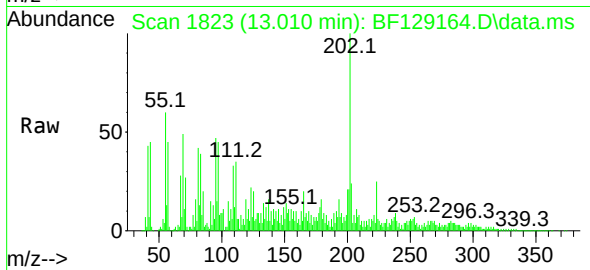
203 23.7 14.6 21.8

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#79

Terphenyl-d14

Concen: 63.825 ng

RT: 13.139 min Scan# 1845

Delta R.T. 0.053 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

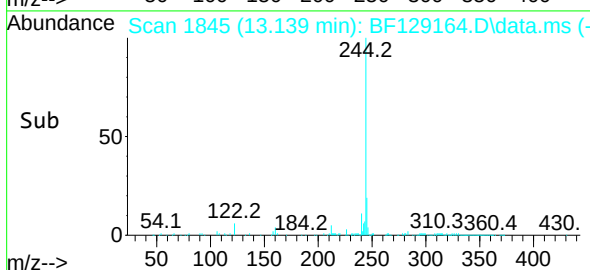
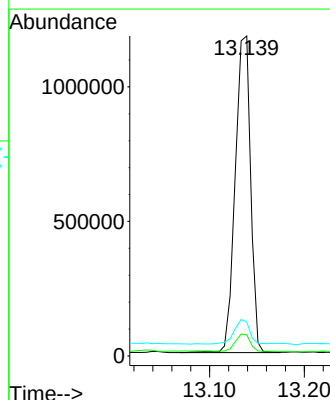
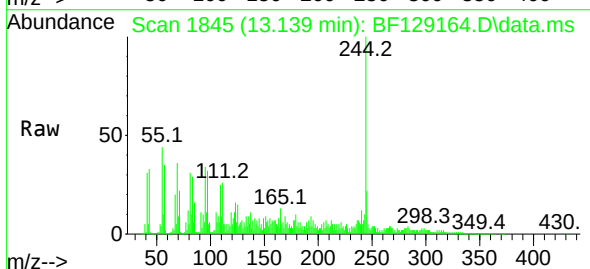
Tgt Ion:244 Resp: 1327330

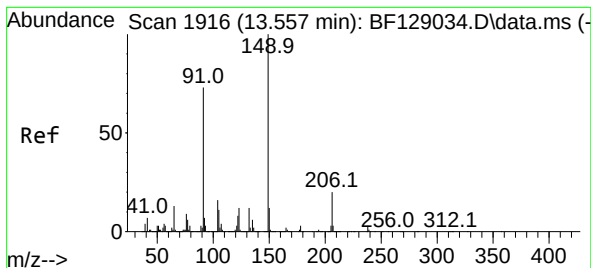
Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

122 10.6 8.8 13.2





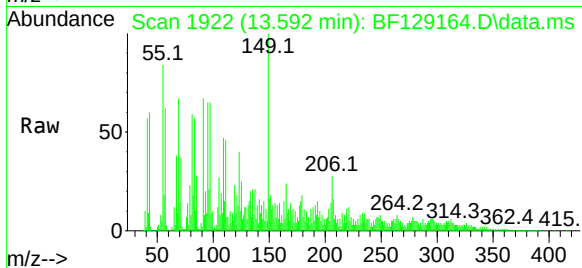
#80
Butylbenzylphthalate
Concen: 37.920 ng
RT: 13.592 min Scan# 1916
Delta R.T. 0.035 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

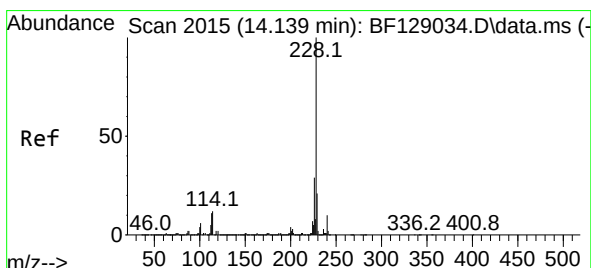
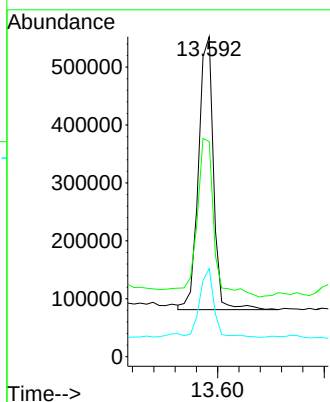
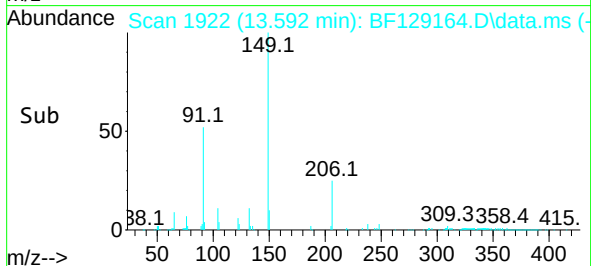


Tgt Ion:149 Resp: 462430
Ion Ratio Lower Upper
149 100
91 67.2 61.2 91.8
206 27.5 15.7 23.5

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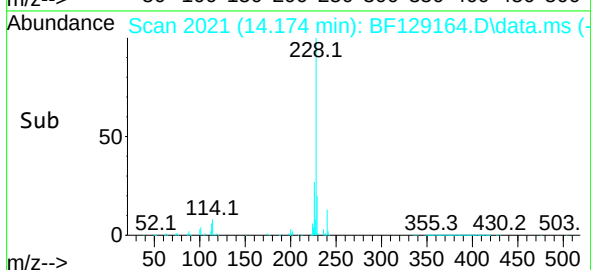
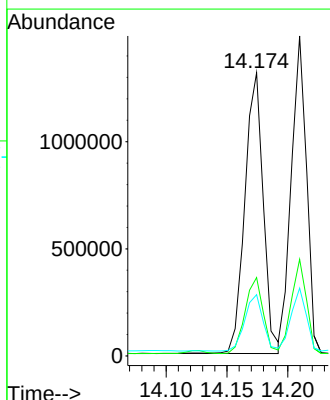
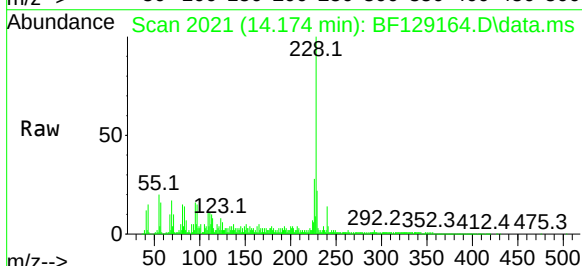
APPROVED

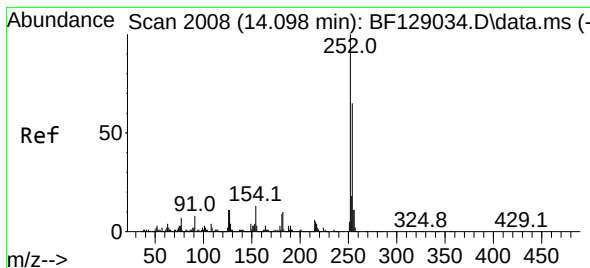
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#81
Benzo(a)anthracene
Concen: 52.134 ng
RT: 14.174 min Scan# 2021
Delta R.T. 0.035 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Tgt Ion:228 Resp: 1374711
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 21.6 15.8 23.8





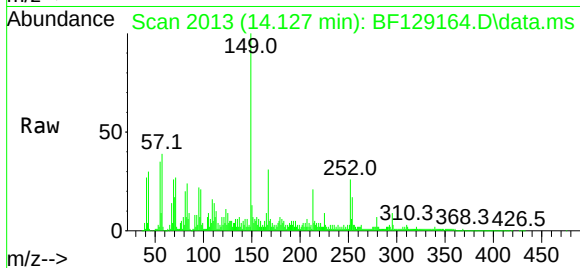
#82
3,3'-Dichlorobenzidine
Concen: 38.408 ng
RT: 14.127 min Scan# 20
Delta R.T. 0.029 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD

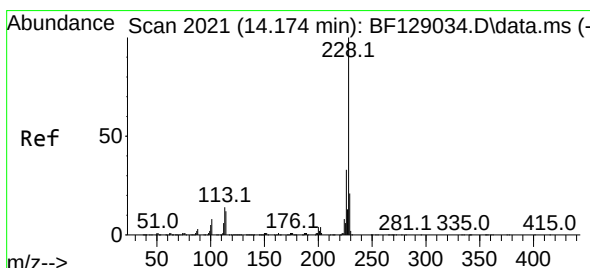
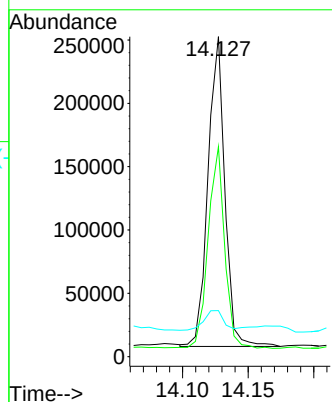
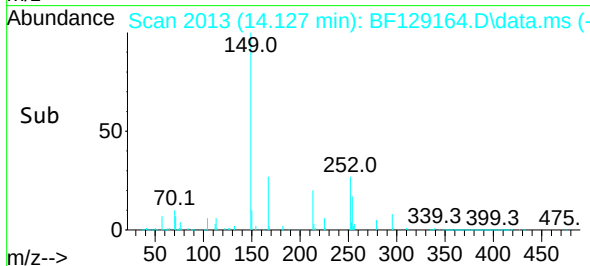


Tgt Ion:252 Resp: 21883
Ion Ratio Lower Upper
252 100
254 65.6 50.2 75.4
126 14.4 8.2 12.4

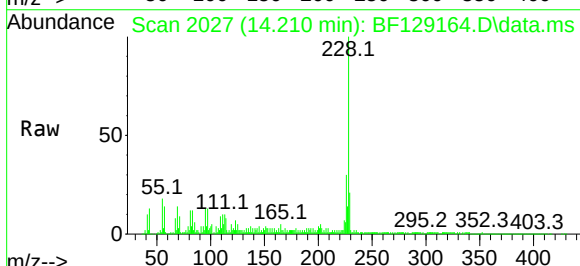
Manual Integrations

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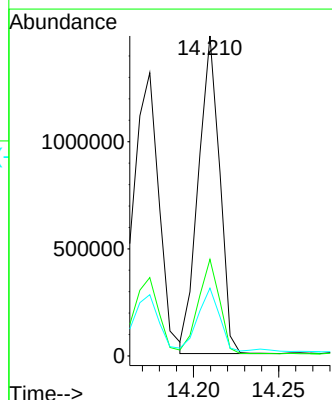
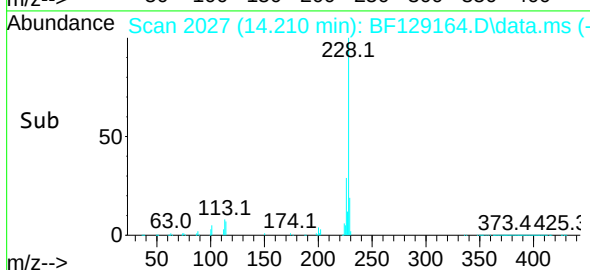
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

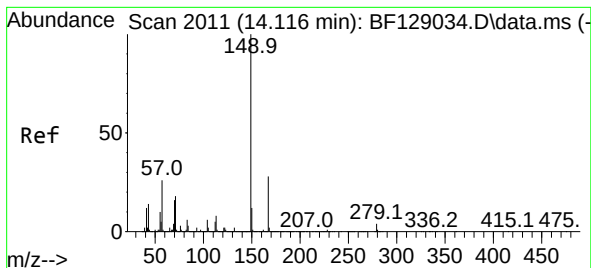


#83
Chrysene
Concen: 52.547 ng
RT: 14.210 min Scan# 2027
Delta R.T. 0.035 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



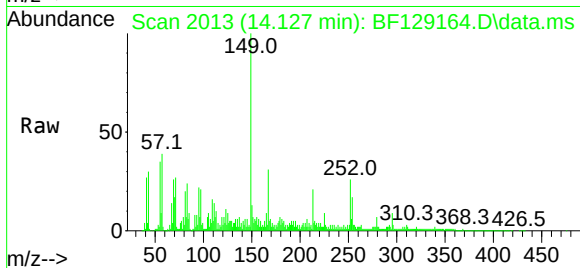
Tgt Ion:228 Resp: 1286340
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.2 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 47.008 ng
RT: 14.127 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

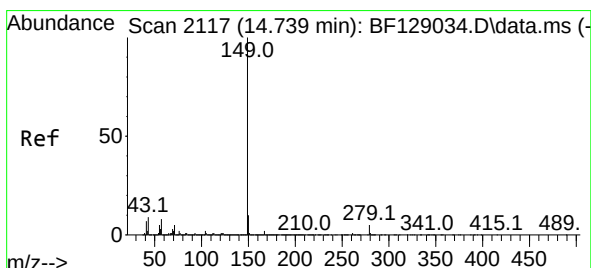
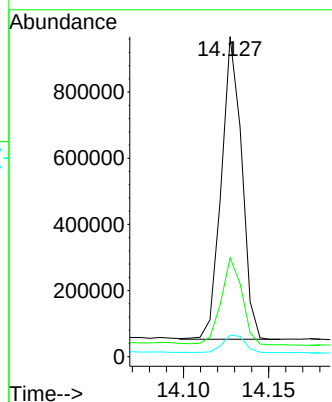
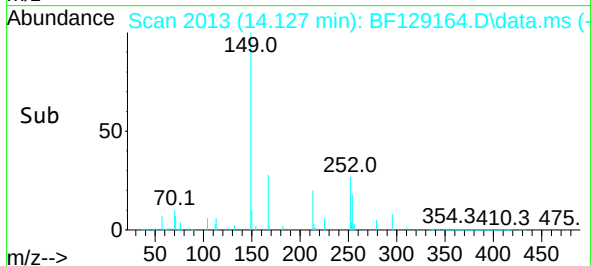
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



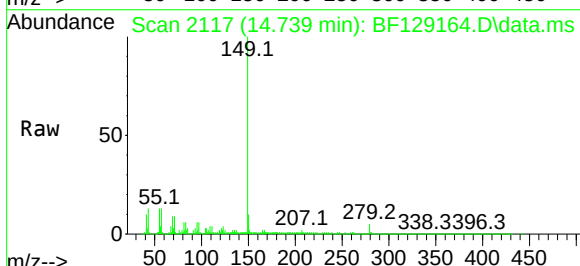
Tgt Ion:149 Resp: 761864
Ion Ratio Lower Upper
149 100
167 30.9 21.0 31.4
279 6.8 3.1 4.7

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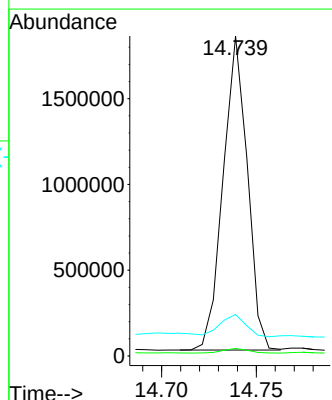
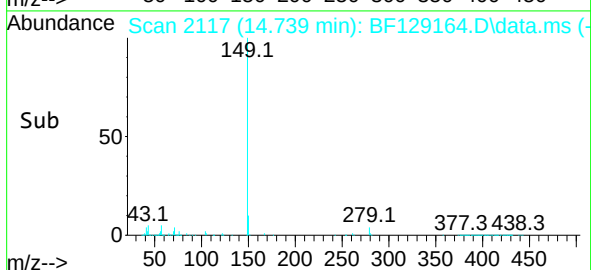
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

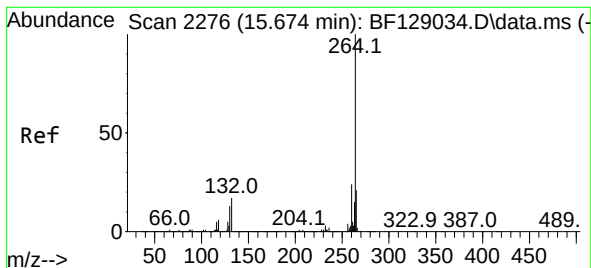


#85
Di-n-octyl phthalate
Concen: 68.106 ng
RT: 14.739 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



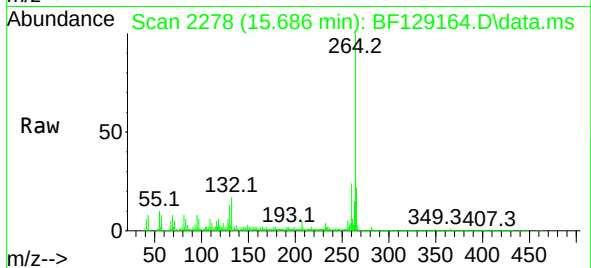
Tgt Ion:149 Resp: 1629443
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 9.2 13.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF129164.D
 Acq: 07 Jul 2022 17:56

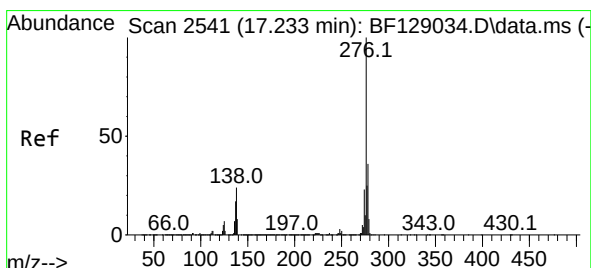
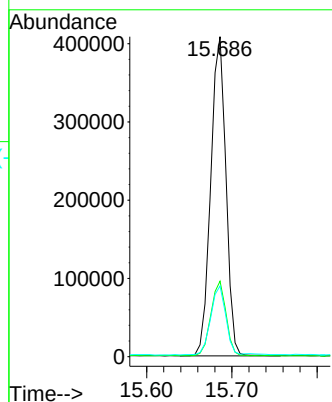
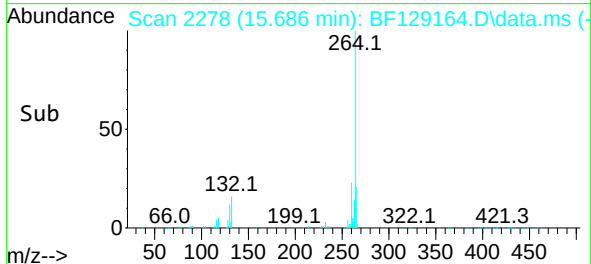
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-2716SMSD



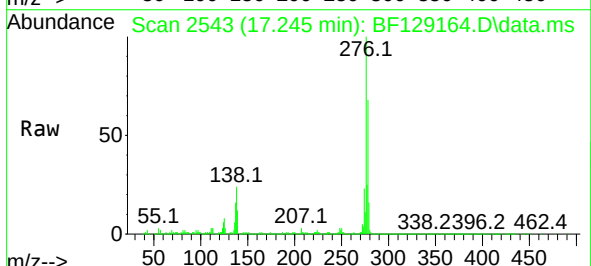
Tgt Ion:264 Resp: 505685
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.1 17.2 25.8

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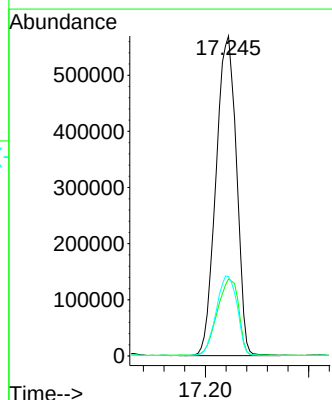
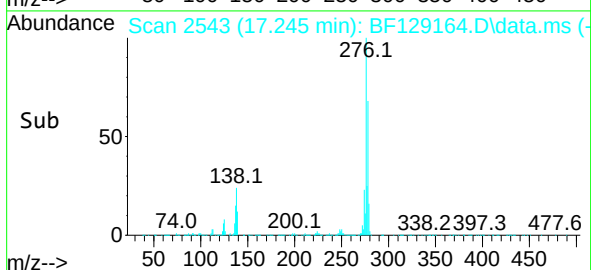
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

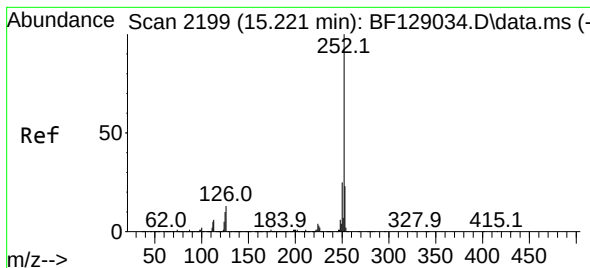


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.562 ng
 RT: 17.245 min Scan# 2543
 Delta R.T. 0.012 min
 Lab File: BF129164.D
 Acq: 07 Jul 2022 17:56



Tgt Ion:276 Resp: 1568182
 Ion Ratio Lower Upper
 276 100
 138 25.0 21.1 31.7
 277 25.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 61.676 ng

RT: 15.239 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

Instrument :

BNF_F

ClientSampleId :

CHRT-2716SMSD

Tgt Ion:252 Resp: 1875690

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

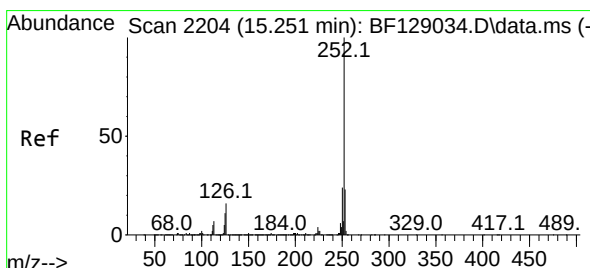
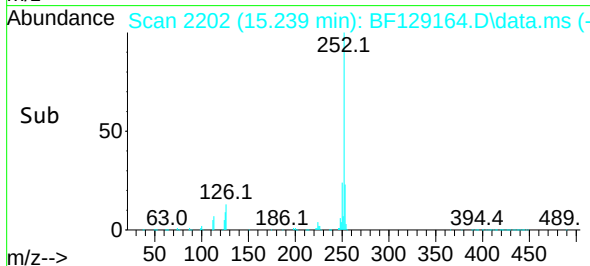
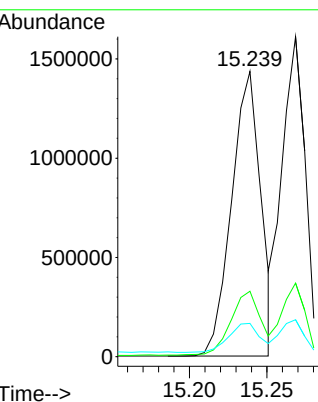
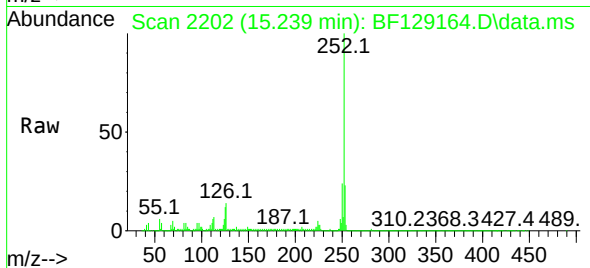
125 11.7 8.0 12.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#89

Benzo(k)fluoranthene

Concen: 56.965 ng

RT: 15.268 min Scan# 2207

Delta R.T. 0.018 min

Lab File: BF129164.D

Acq: 07 Jul 2022 17:56

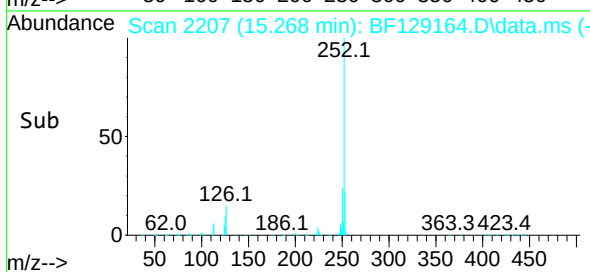
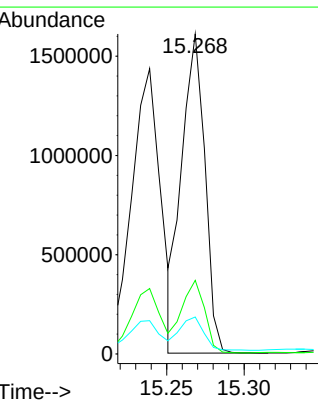
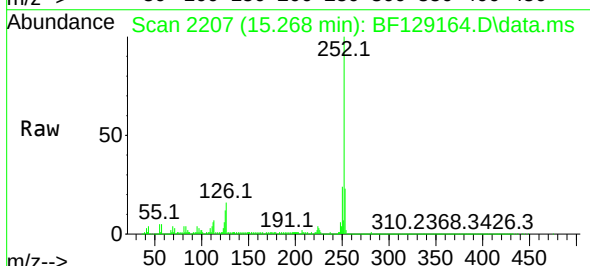
Tgt Ion:252 Resp: 1680295

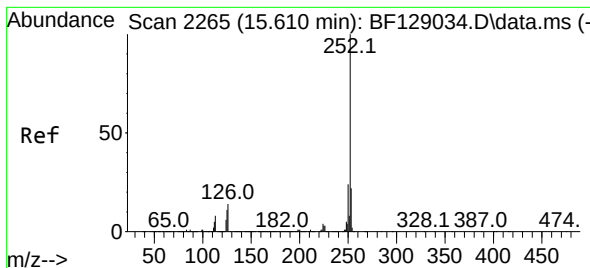
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

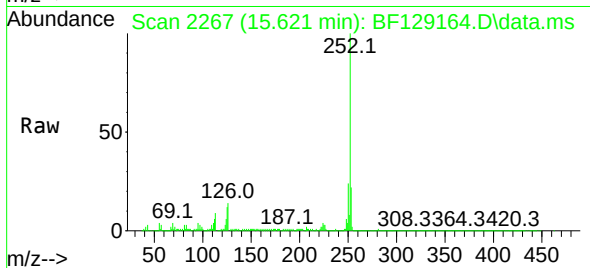
125 11.6 8.3 12.5





#90
Benzo(a)pyrene
Concen: 55.388 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56

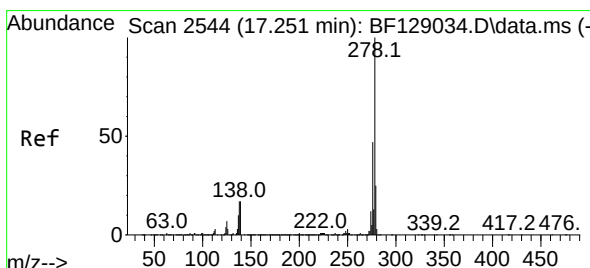
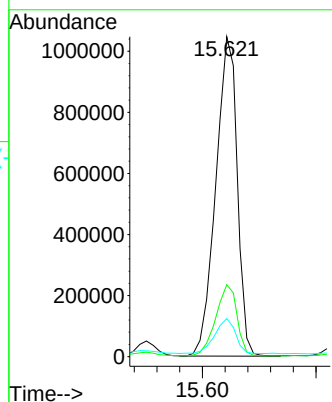
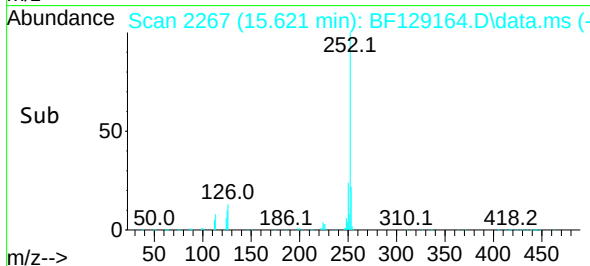
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMSD



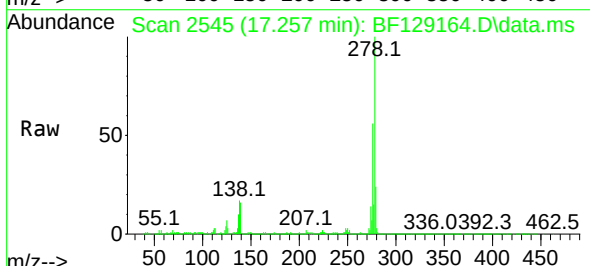
Tgt Ion:252 Resp: 1373180
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.9 8.8 13.2

Manual Integrations
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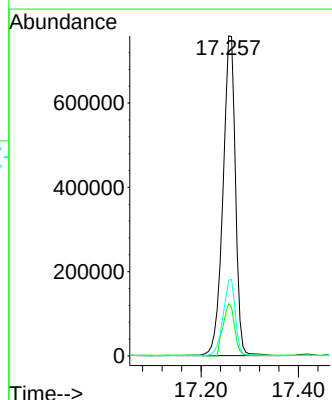
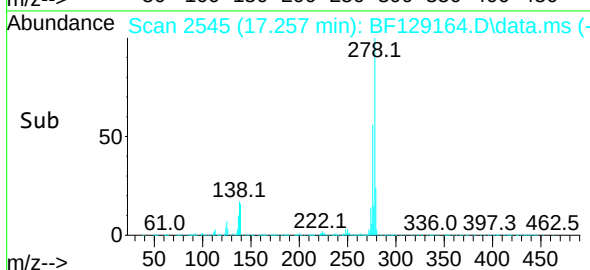
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

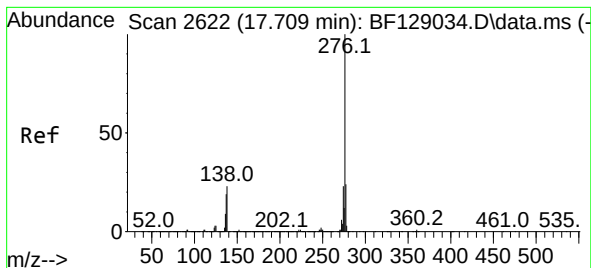


#91
Dibenzo(a,h)anthracene
Concen: 53.676 ng
RT: 17.257 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BF129164.D
Acq: 07 Jul 2022 17:56



Tgt Ion:278 Resp: 1357090
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 23.6 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 50.578 ng

RT: 17.715 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF129164.D

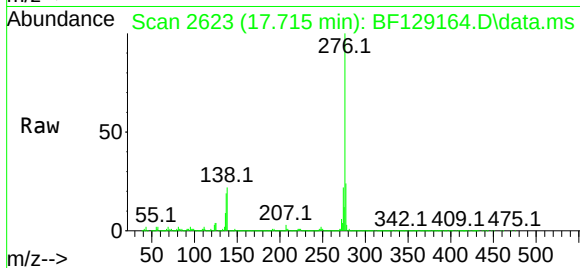
Acq: 07 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMSD



Tgt Ion:276 Resp: 1282960

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 22.1 18.0 27.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022

