

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129942.D
 Acq On : 22 Aug 2022 16:04
 Operator : CG\JU
 Sample : N4142-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-NORTHMSD

Quant Time: Aug 23 04:48:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/23/2022
 Supervised By : Sohil Jodhani 08/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	146250	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	608741	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	316644	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	527253	20.000	ng	0.00
76) Chrysene-d12	13.951	240	357312	20.000	ng	0.00
86) Perylene-d12	15.404	264	293219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1010010	114.343	ng	0.02
7) Phenol-d6	6.440	99	1287908	116.431	ng	0.00
23) Nitrobenzene-d5	7.351	82	840557	73.917	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	361045	113.608	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1520204	72.918	ng	0.00
79) Terphenyl-d14	12.886	244	1616562	75.280	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	152390	41.817	ng	96
3) Pyridine	3.369	79	391516	41.053	ng	94
4) n-Nitrosodimethylamine	3.322	42	232337	52.863	ng	84
6) Aniline	6.446	93	519501	41.206	ng	90
8) 2-Chlorophenol	6.575	128	456506	46.424	ng	97
9) Benzaldehyde	6.334	77	286389	50.034	ng	95
10) Phenol	6.451	94	571192	47.075	ng	91
11) bis(2-Chloroethyl)ether	6.516	93	436065	47.327	ng	97
12) 1,3-Dichlorobenzene	6.716	146	476435	44.880	ng	99
13) 1,4-Dichlorobenzene	6.793	146	480816	44.327	ng	100
14) 1,2-Dichlorobenzene	6.945	146	453333	44.999	ng	98
15) Benzyl Alcohol	6.934	79	413679	49.538	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	602405	48.792	ng	92
17) 2-Methylphenol	7.051	107	367055	46.488	ng	98
18) Hexachloroethane	7.281	117	190675	46.811	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	339580	48.568	ng	99
20) 3+4-Methylphenols	7.204	107	479633	45.254	ng	# 83
22) Acetophenone	7.193	105	671678	45.278	ng	98
24) Nitrobenzene	7.369	77	504712	44.016	ng	95
25) Isophorone	7.610	82	916340	46.818	ng	99
26) 2-Nitrophenol	7.681	139	243742	43.215	ng	90
27) 2,4-Dimethylphenol	7.728	122	395746	48.925	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	550527	48.174	ng	99
29) 2,4-Dichlorophenol	7.934	162	377733	42.707	ng	96
30) 1,2,4-Trichlorobenzene	7.998	180	384006	41.155	ng	97
31) Naphthalene	8.081	128	1329528	41.771	ng	99
32) Benzoic acid	7.892	122	181743	49.502	ng	88
33) 4-Chloroaniline	8.140	127	440866	35.223	ng	97
34) Hexachlorobutadiene	8.192	225	243762	42.904	ng	98
35) Caprolactam	8.534	113	102843m	37.391	ng	
36) 4-Chloro-3-methylphenol	8.640	107	425308	44.573	ng	97
37) 2-Methylnaphthalene	8.775	142	875212	41.896	ng	99
38) 1-Methylnaphthalene	8.875	142	836368	41.196	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	389799	44.261	ng	98
41) Hexachlorocyclopentadiene	8.916	237	310256	96.474	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	239953	41.935	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	255978	41.581	ng	95
46) 1,1'-Biphenyl	9.239	154	1081433	44.956	ng	99
47) 2-Chloronaphthalene	9.263	162	823832	43.284	ng	97
48) 2-Nitroaniline	9.375	65	274597	45.653	ng	98
49) Acenaphthylene	9.681	152	1232741	42.711	ng	100
50) Dimethylphthalate	9.545	163	965824	42.549	ng	100
51) 2,6-Dinitrotoluene	9.616	165	210542	42.758	ng	96
52) Acenaphthene	9.851	154	746171	42.612	ng	99
53) 3-Nitroaniline	9.792	138	175563	32.241	ng	99
54) 2,4-Dinitrophenol	9.910	184	184006	82.472	ng	98
55) Dibenzofuran	10.022	168	1126255	42.812	ng	95
56) 4-Nitrophenol	9.981	139	217395	89.739	ng	84
57) 2,4-Dinitrotoluene	10.028	165	272047	42.561	ng	98
58) Fluorene	10.369	166	921285	41.942	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	194228	42.991	ng	# 77
60) Diethylphthalate	10.239	149	973164	42.997	ng	97
61) 4-Chlorophenyl-phenyle...	10.357	204	424255	43.039	ng	99
62) 4-Nitroaniline	10.416	138	216333m	39.380	ng	
63) Azobenzene	10.516	77	937465	43.333	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	130508	42.164	ng	91
66) n-Nitrosodiphenylamine	10.481	169	783486	44.026	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	270744	43.842	ng	98
68) Hexachlorobenzene	10.916	284	300735	44.956	ng	97
69) Atrazine	11.010	200	257729	47.186	ng	97
70) Pentachlorophenol	11.122	266	169215	84.104	ng	95
71) Phenanthrene	11.333	178	1248380	42.394	ng	100
72) Anthracene	11.386	178	1290171	44.058	ng	100
73) Carbazole	11.545	167	1151871	43.332	ng	99
74) Di-n-butylphthalate	11.857	149	1491099	43.584	ng	99
75) Fluoranthene	12.522	202	1287176	42.717	ng	99
77) Benzidine	12.645	184	533074	64.476	ng	100
78) Pyrene	12.751	202	1289010	41.514	ng	100
80) Butylbenzylphthalate	13.357	149	599148	45.602	ng	93
81) Benzo(a)anthracene	13.945	228	1027623	41.808	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	308025	40.463	ng	99
83) Chrysene	13.980	228	954384	41.480	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	836116	53.639	ng	98
85) Di-n-octyl phthalate	14.521	149	1215318	56.479	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	832989	41.381	ng	99
88) Benzo(b)fluoranthene	14.986	252	873089	43.484	ng	99
89) Benzo(k)fluoranthene	15.016	252	820681	42.621	ng	98
90) Benzo(a)pyrene	15.345	252	716900	45.340	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	721640	43.448	ng	100
92) Benzo(g,h,i)perylene	17.298	276	715416	43.174	ng	97

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

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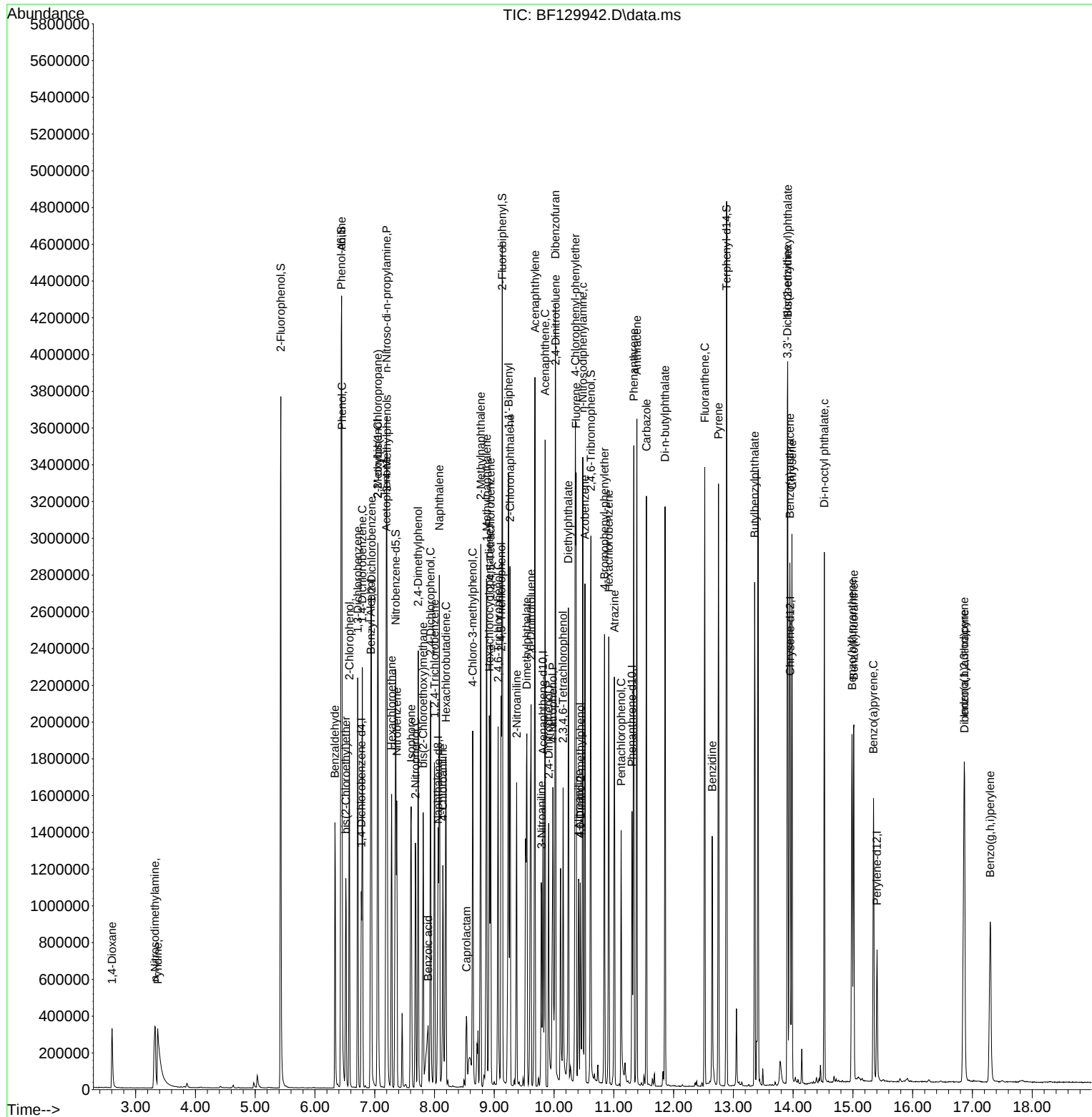
Manual Integrations

APPROVED

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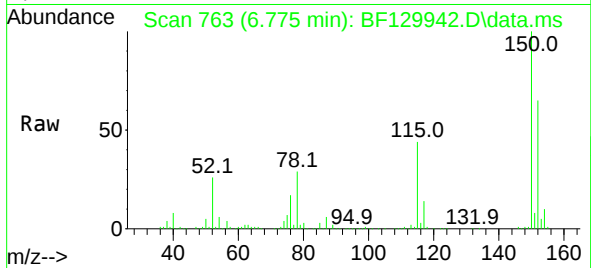
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

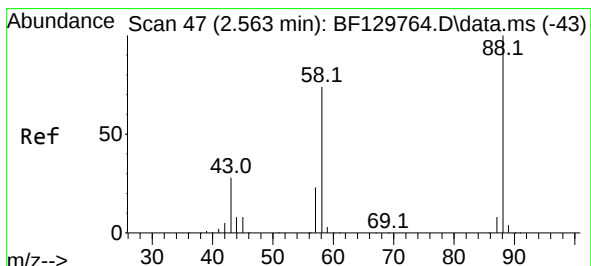
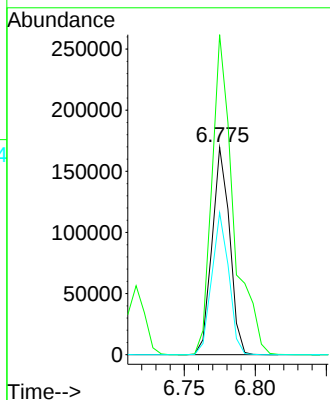
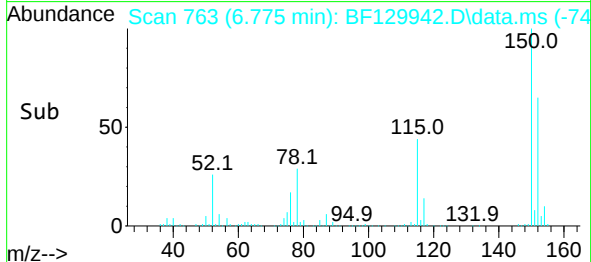
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



Tgt Ion: 152 Resp: 146250
Ion Ratio Lower Upper
152 100
150 154.3 126.9 190.3
115 68.4 53.4 80.0

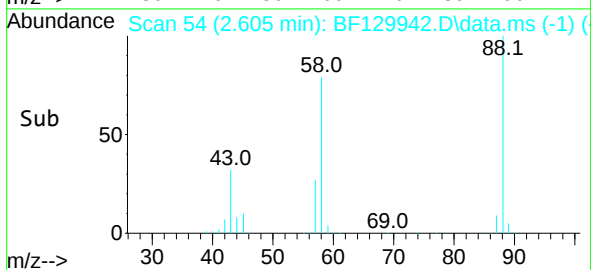
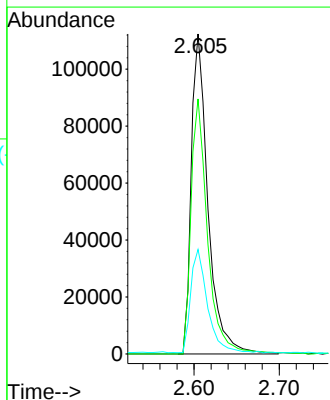
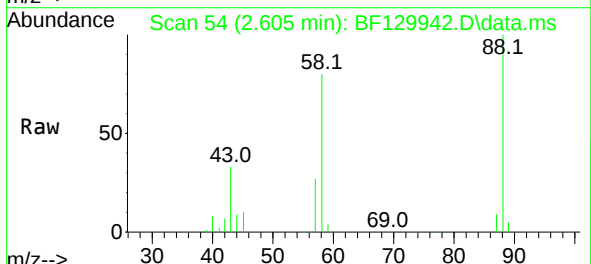
Manual Integrations
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#2
1,4-Dioxane
Concen: 41.817 ng
RT: 2.605 min Scan# 54
Delta R.T. 0.124 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

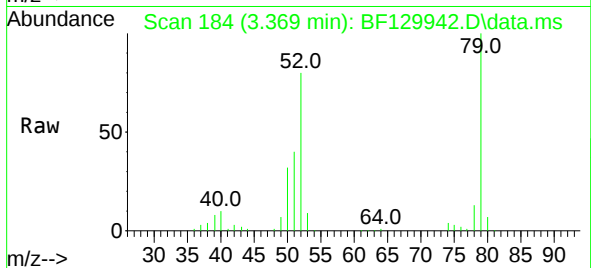
Tgt Ion: 88 Resp: 152390
Ion Ratio Lower Upper
88 100
58 79.4 60.9 91.3
43 32.6 23.6 35.4





#3
Pyridine
Concen: 41.053 ng
RT: 3.369 min Scan# 11
Delta R.T. 0.124 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

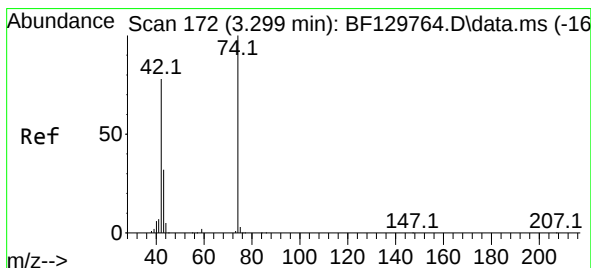
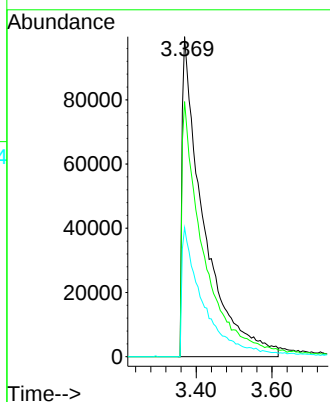
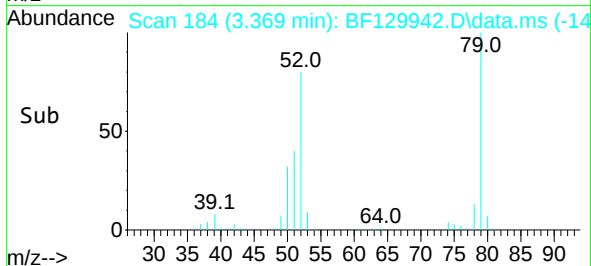
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



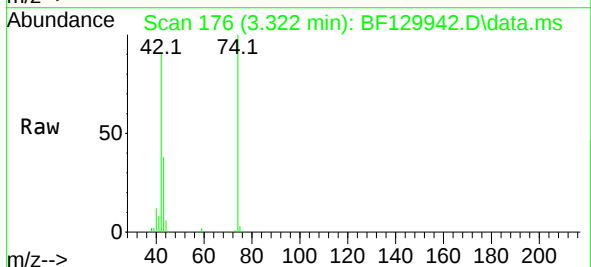
Tgt Ion: 79 Resp: 391510
Ion Ratio Lower Upper
79 100
52 79.7 59.4 89.2
51 40.3 29.5 44.3

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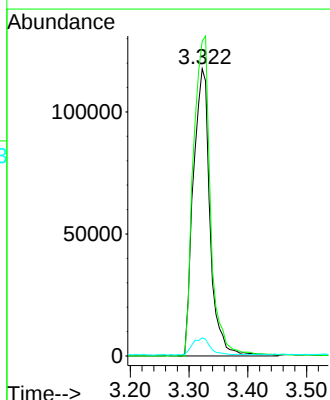
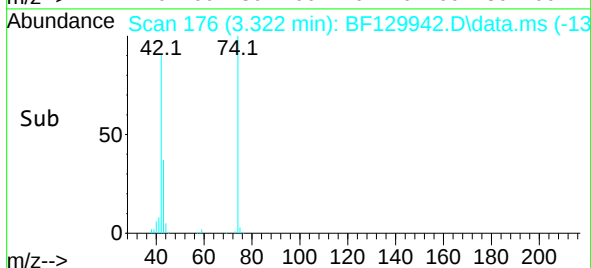
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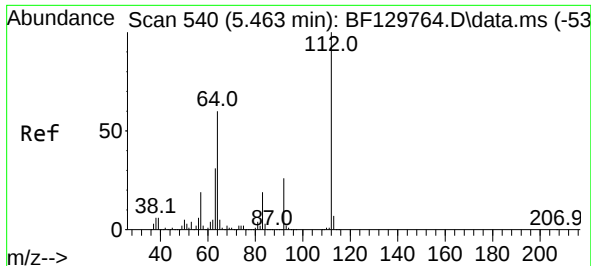


#4
n-Nitrosodimethylamine
Concen: 52.863 ng
RT: 3.322 min Scan# 176
Delta R.T. 0.118 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion: 42 Resp: 232337
Ion Ratio Lower Upper
42 100
74 109.6 103.1 154.7
44 6.3 5.4 8.2





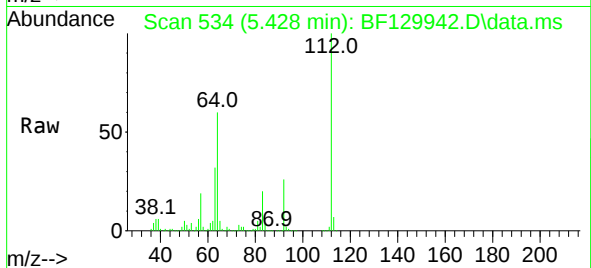
#5
2-Fluorophenol
Concen: 114.343 ng
RT: 5.428 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

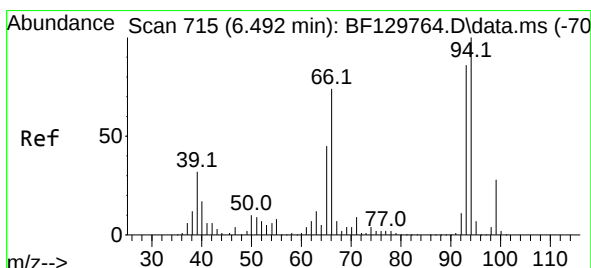
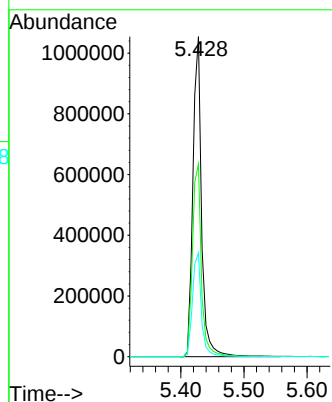
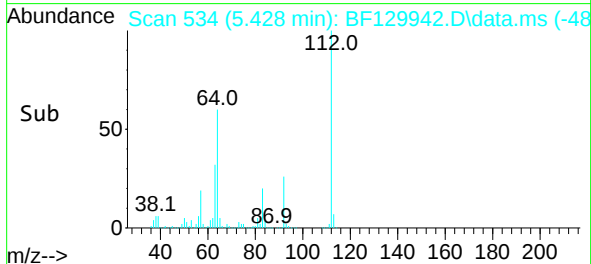


Tgt Ion:112 Resp: 1010010
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 32.5 24.6 37.0

Manual Integrations

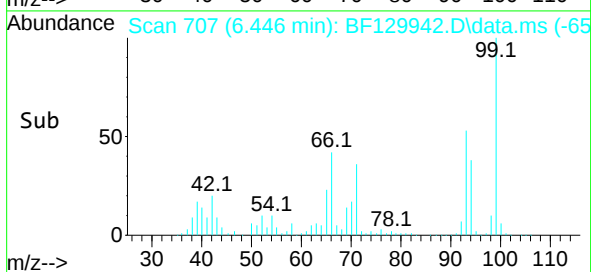
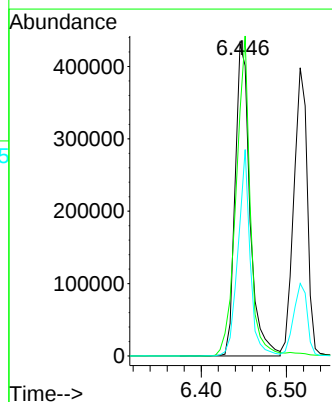
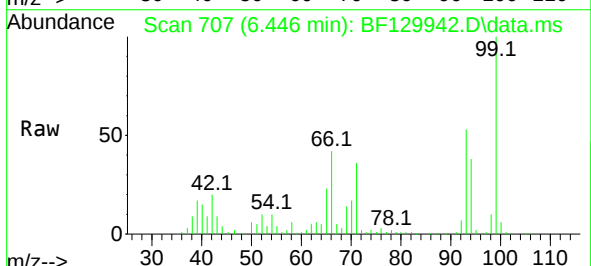
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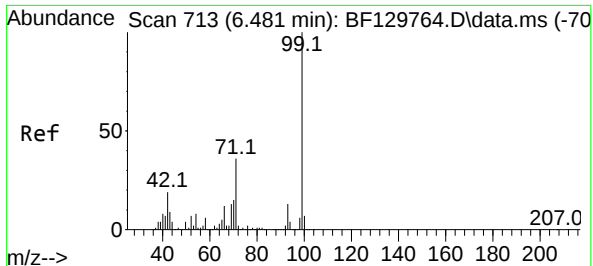
Reviewed By :Christian Giraldo 08/23/2022
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#6
Aniline
Concen: 41.206 ng
RT: 6.446 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

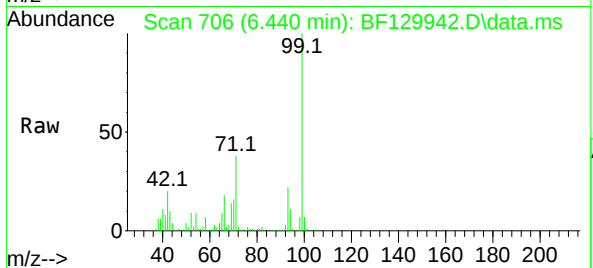
Tgt Ion: 93 Resp: 519501
Ion Ratio Lower Upper
93 100
66 78.6 68.7 103.1
65 42.8 41.6 62.4





#7
Phenol-d6
Concen: 116.431 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

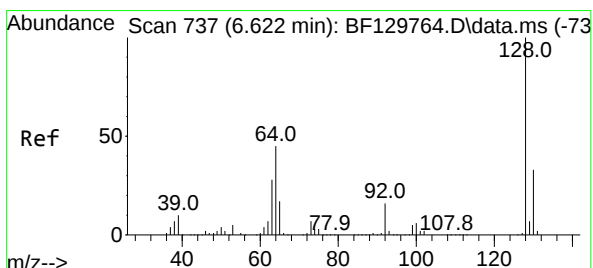
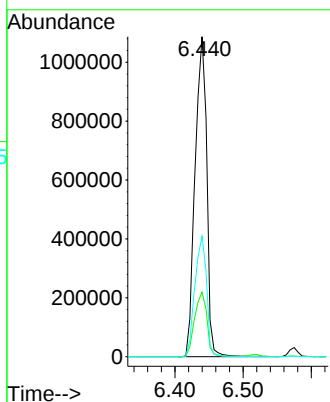
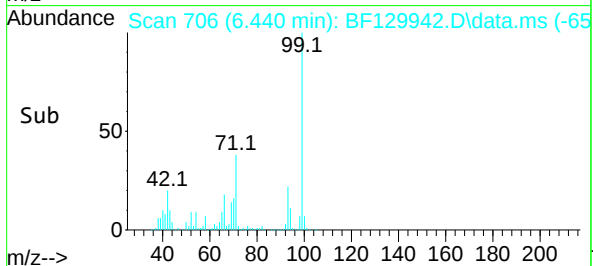
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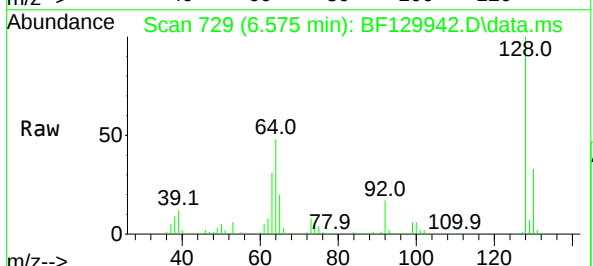
Tgt Ion: 99 Resp: 1287908
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 37.7 28.8 43.2

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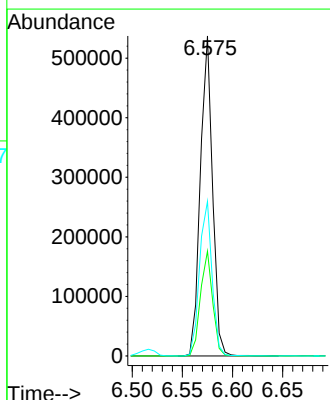
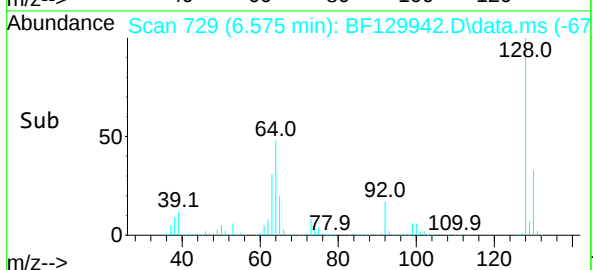
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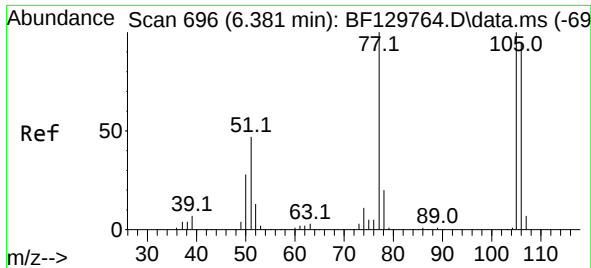


#8
2-Chlorophenol
Concen: 46.424 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



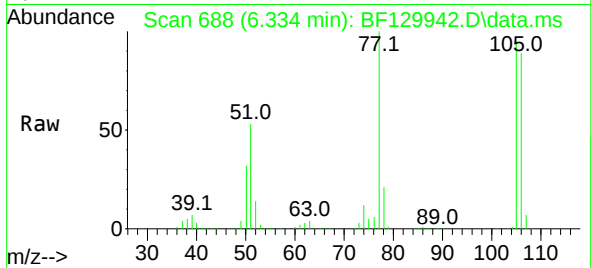
Tgt Ion:128 Resp: 456506
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 48.3 24.9 64.9





#9
Benzaldehyde
Concen: 50.034 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF129942.D
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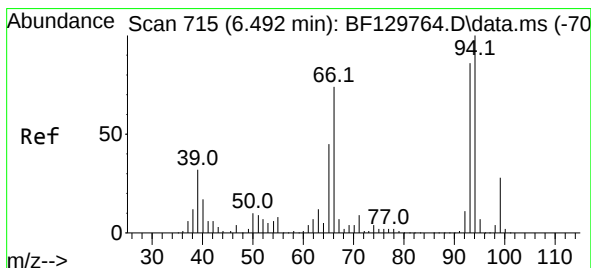
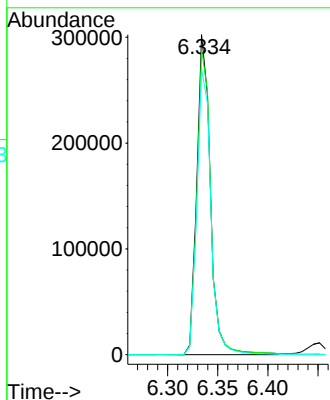
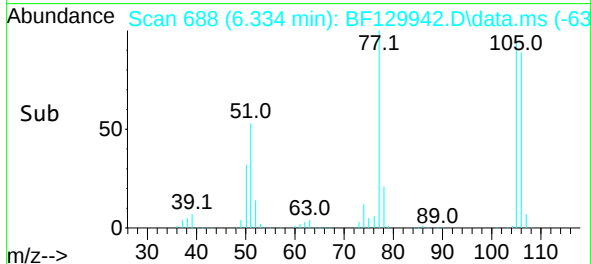
Instrument :
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UST-NORTHMSD



Tgt Ion: 77 Resp: 286389
Ion Ratio Lower Upper
77 100
105 95.3 80.3 120.3
106 89.3 74.3 114.3

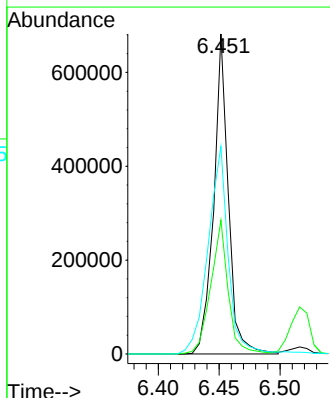
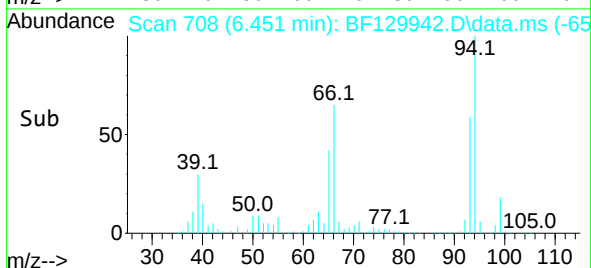
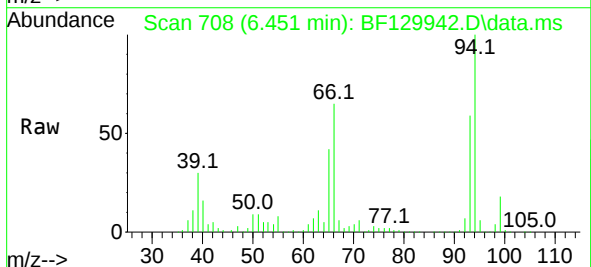
Manual Integrations
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Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#10
Phenol
Concen: 47.075 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

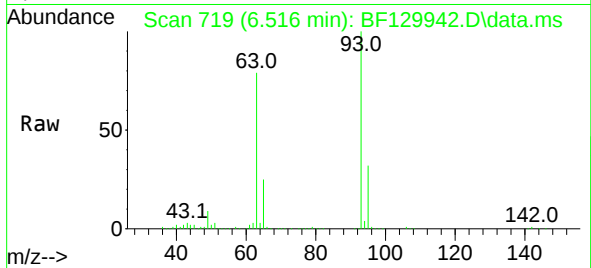
Tgt Ion: 94 Resp: 571192
Ion Ratio Lower Upper
94 100
65 41.8 24.9 64.9
66 64.8 54.2 94.2





#11
bis(2-Chloroethyl)ether
Concen: 47.327 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

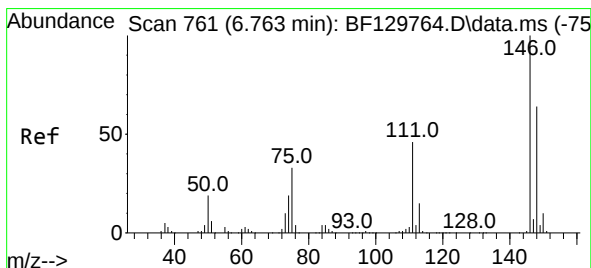
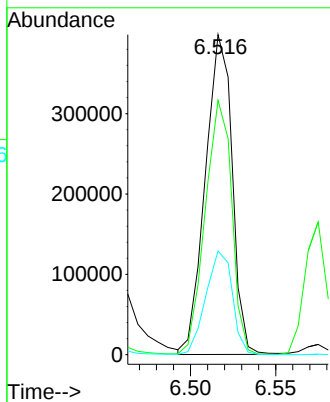
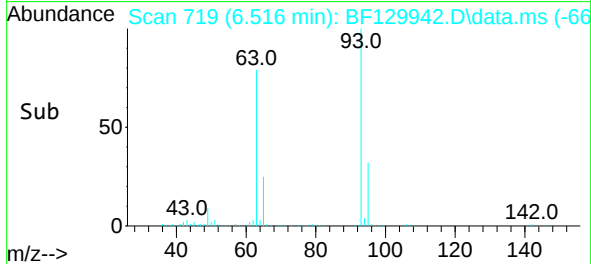
Instrument :
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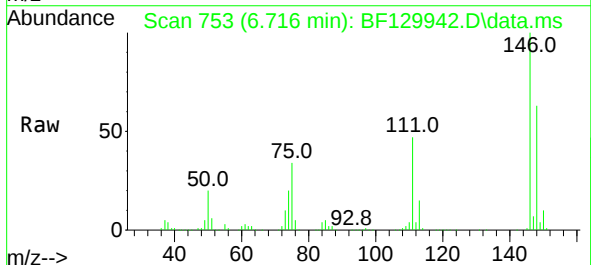
Tgt Ion: 93 Resp: 43606
Ion Ratio Lower Upper
93 100
63 79.5 55.9 95.9
95 32.4 12.3 52.3

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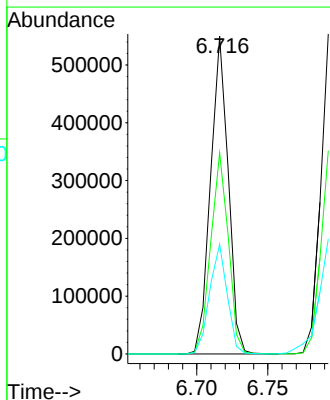
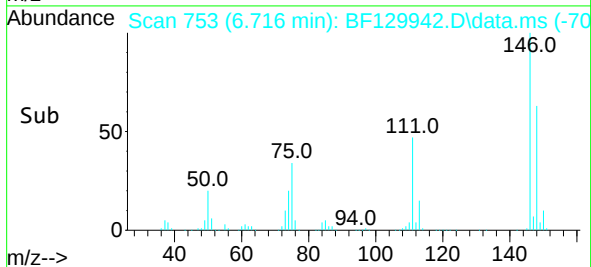
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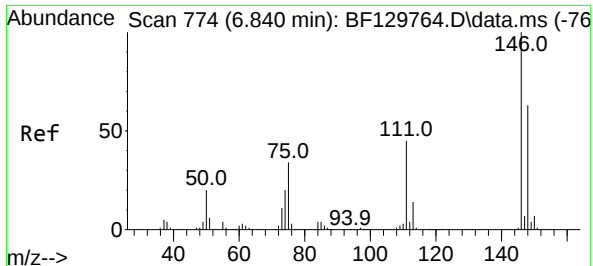


#12
1,3-Dichlorobenzene
Concen: 44.880 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:146 Resp: 476435
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 34.5 26.5 39.7





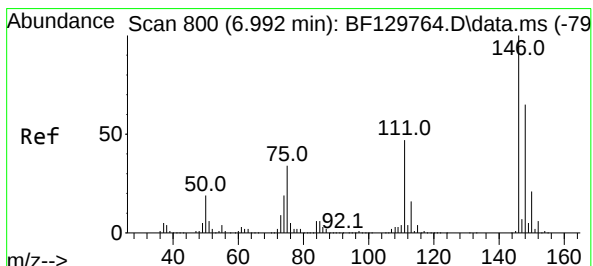
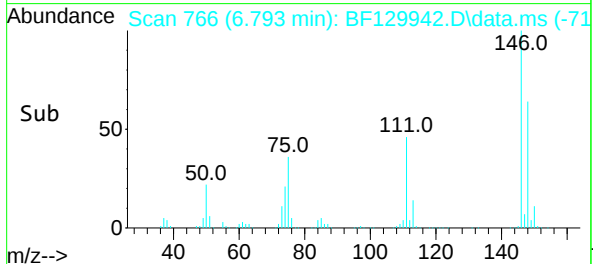
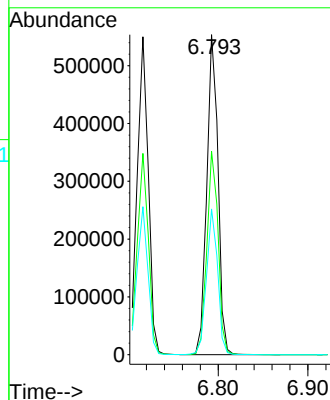
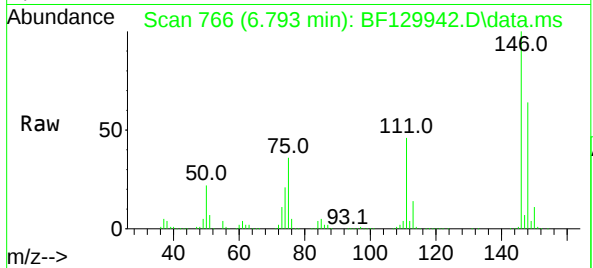
#13
1,4-Dichlorobenzene
Concen: 44.327 ng
RT: 6.793 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :
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ClientSampleId :
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Tgt Ion:146 Resp: 480810
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 45.6 36.2 54.4

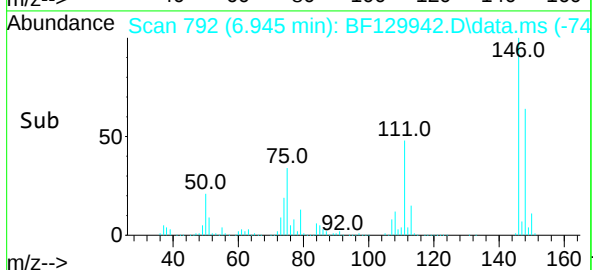
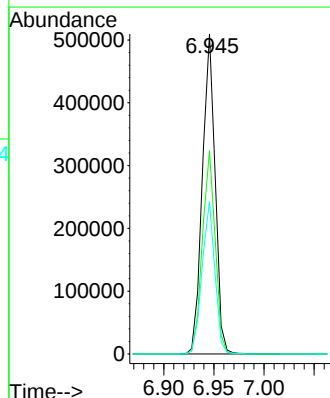
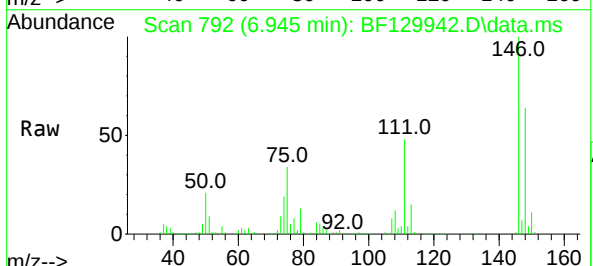
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#14
1,2-Dichlorobenzene
Concen: 44.999 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

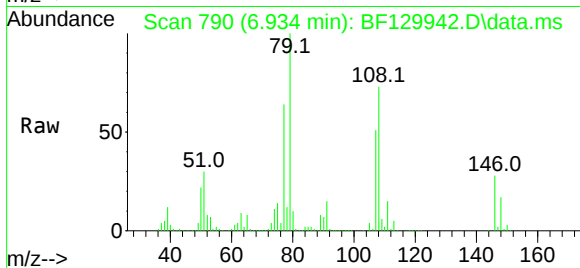
Tgt Ion:146 Resp: 453333
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 47.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 49.538 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

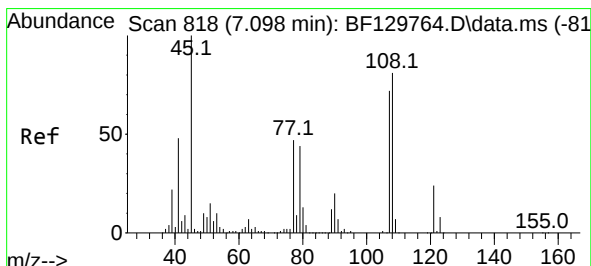
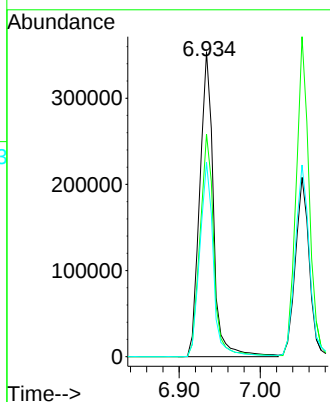
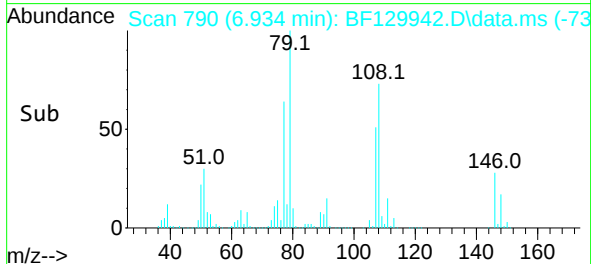
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



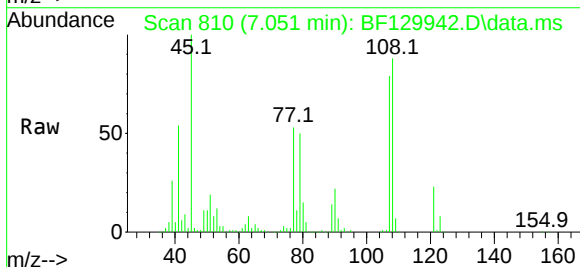
Tgt Ion: 79 Resp: 413679
Ion Ratio Lower Upper
79 100
108 73.0 59.2 88.8
77 63.8 51.9 77.9

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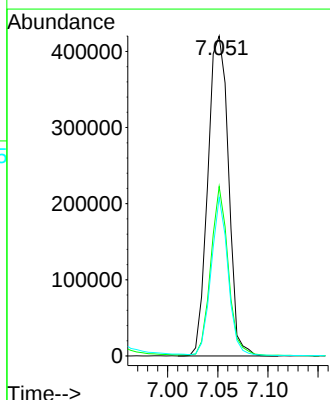
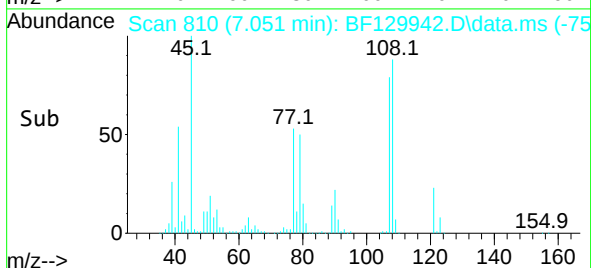
Reviewed By :Christian Giraldo 08/23/2022
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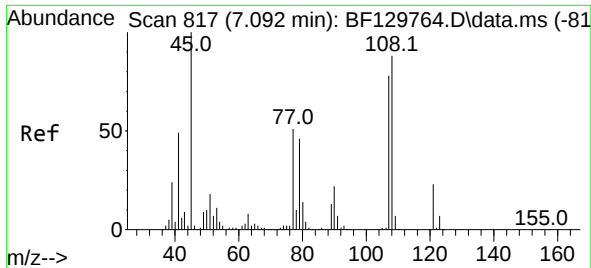


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.792 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



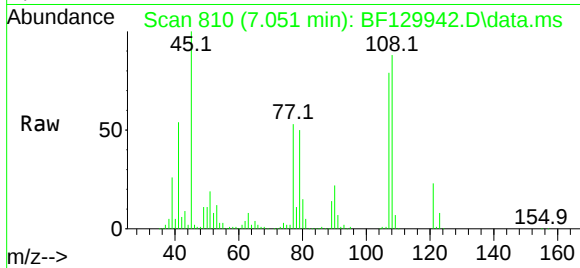
Tgt Ion: 45 Resp: 602405
Ion Ratio Lower Upper
45 100
77 52.9 27.4 67.4
79 49.5 24.4 64.4





#17
2-Methylphenol
Concen: 46.488 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

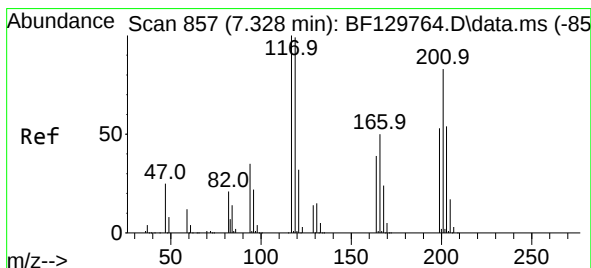
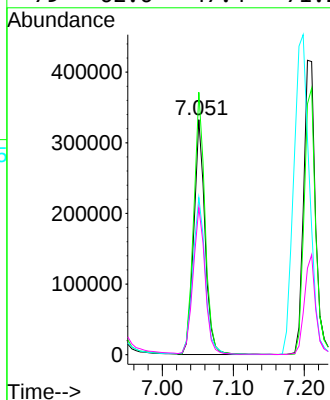
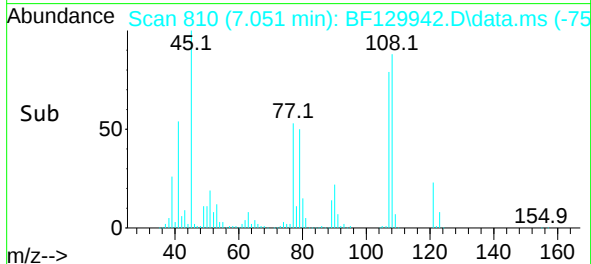
Instrument :
BNA_F
Client Sample Id :
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Tgt Ion:107 Resp: 36705
Ion Ratio Lower Upper
107 100
108 111.6 90.2 135.2
77 66.8 51.8 77.8
79 62.6 47.4 71.2

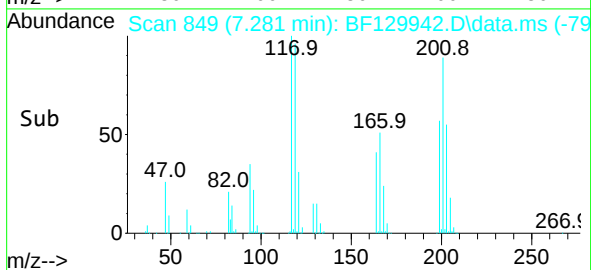
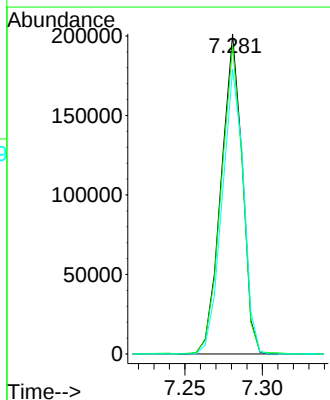
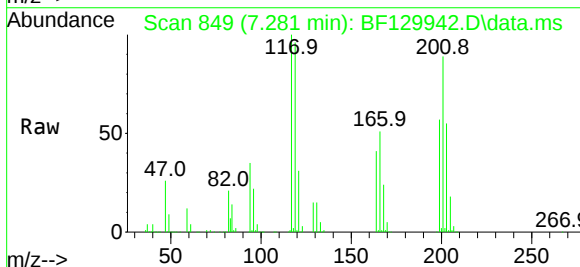
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#18
Hexachloroethane
Concen: 46.811 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

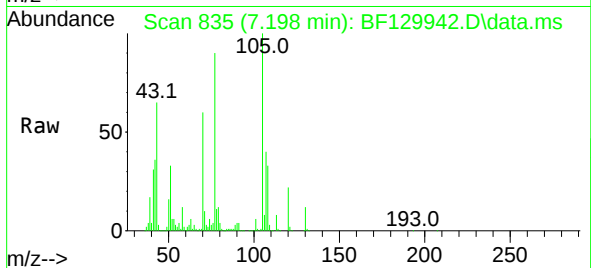
Tgt Ion:117 Resp: 190675
Ion Ratio Lower Upper
117 100
119 96.5 79.1 118.7
201 89.0 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.568 ng
RT: 7.198 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

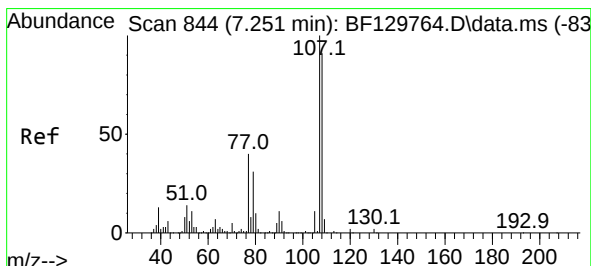
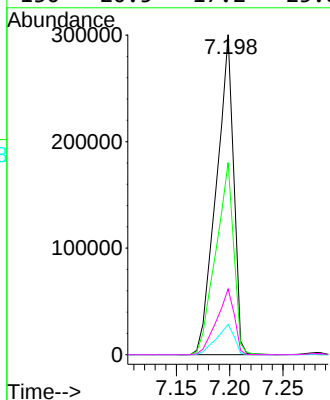
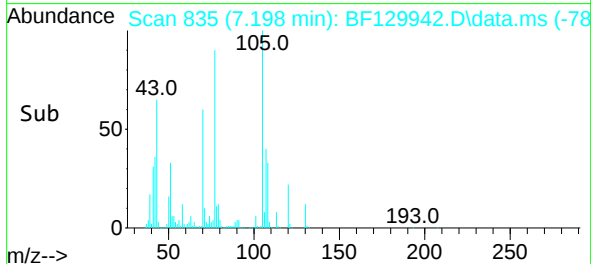
Instrument :
BNA_F
ClientSampleId :
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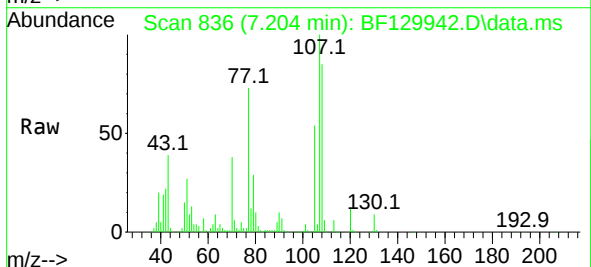
Tgt Ion: 70 Resp: 339580
Ion Ratio Lower Upper
70 100
42 60.1 47.6 71.4
101 9.5 8.1 12.1
130 20.5 17.2 25.8

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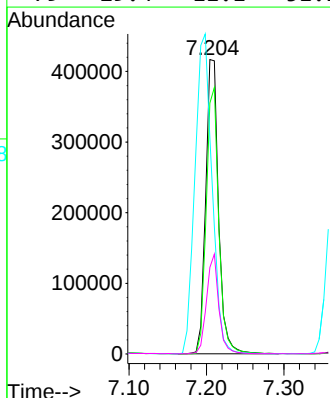
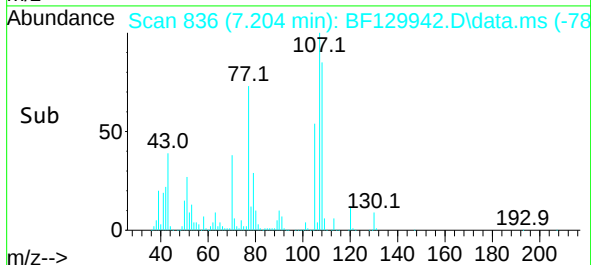
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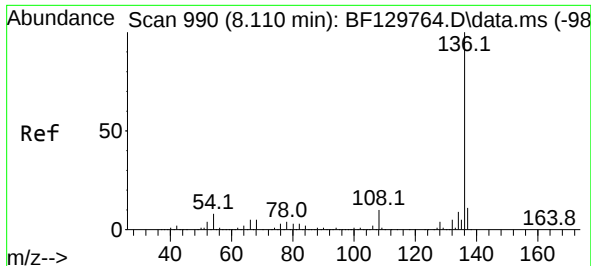


#20
3+4-Methylphenols
Concen: 45.254 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:107 Resp: 479633
Ion Ratio Lower Upper
107 100
108 85.2 71.3 111.3
77 73.4 20.4 60.4#
79 29.4 11.1 51.1





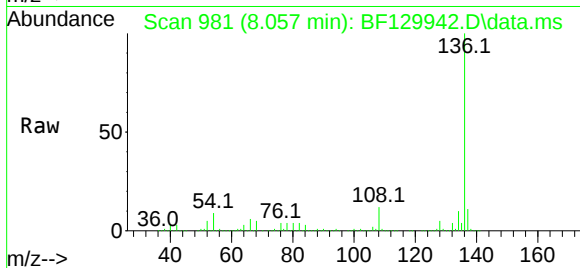
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

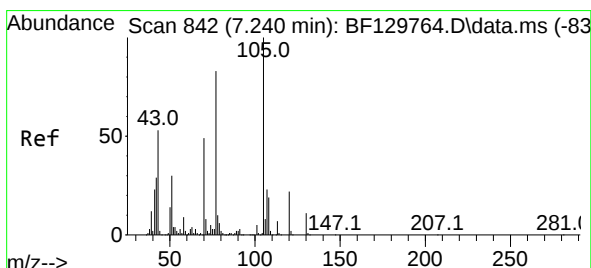
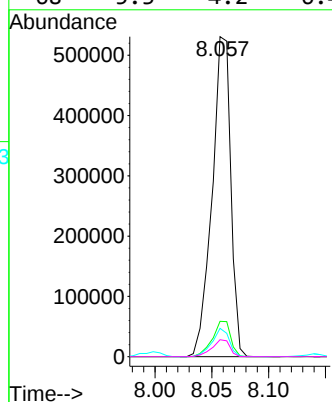
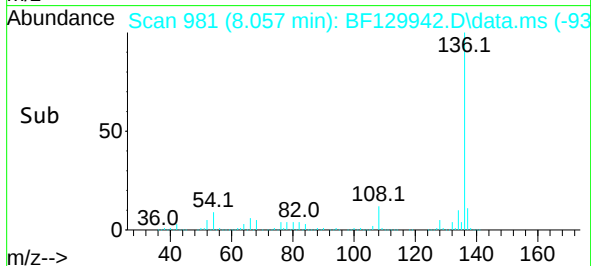


Tgt Ion:136 Resp: 60874
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.8 6.2 9.2
68 5.3 4.2 6.4

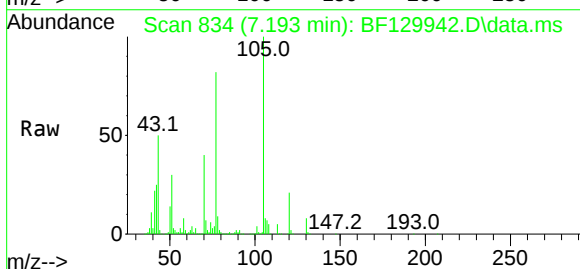
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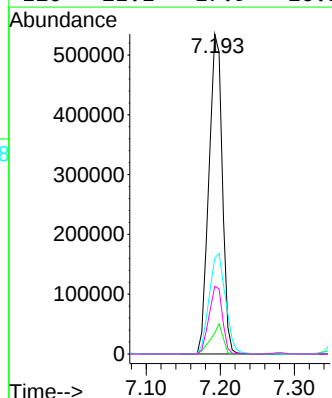
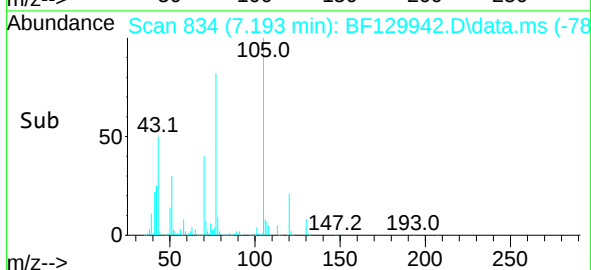
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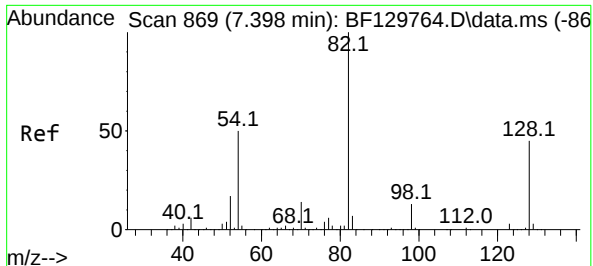


#22
Acetophenone
Concen: 45.278 ng
RT: 7.193 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:105 Resp: 671678
Ion Ratio Lower Upper
105 100
71 6.6 6.6 9.8
51 29.9 23.8 35.8
120 21.1 17.9 26.9





#23

Nitrobenzene-d5

Concen: 73.917 ng

RT: 7.351 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

Tgt Ion: 82 Resp: 84055

Ion Ratio Lower Upper

82 100

128 41.9 36.1 54.1

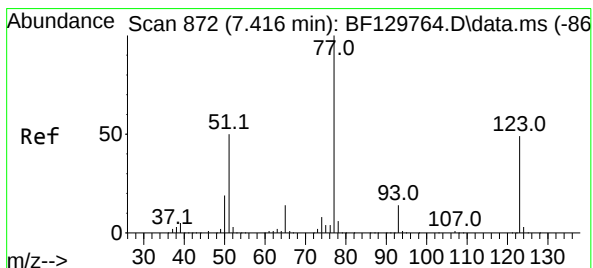
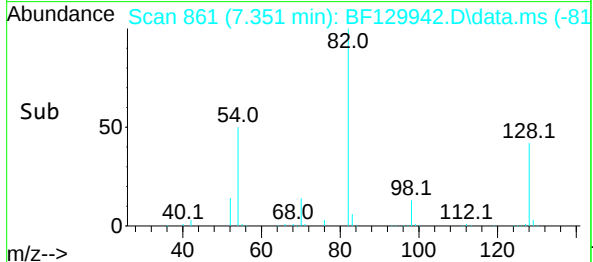
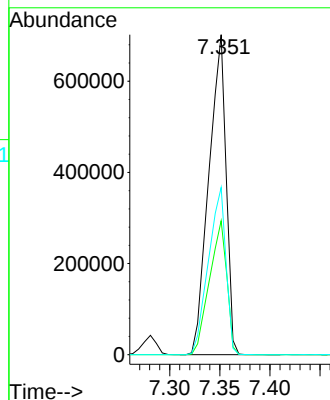
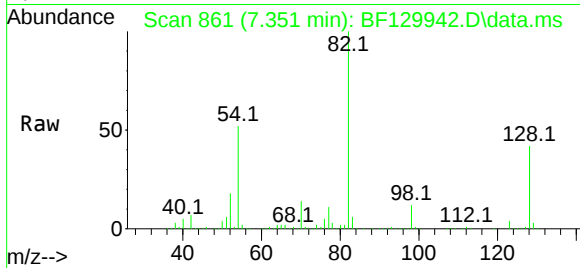
54 52.3 40.0 60.0

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#24

Nitrobenzene

Concen: 44.016 ng

RT: 7.369 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

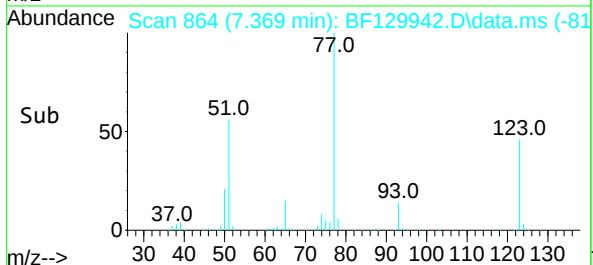
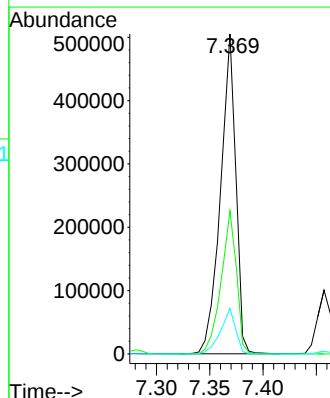
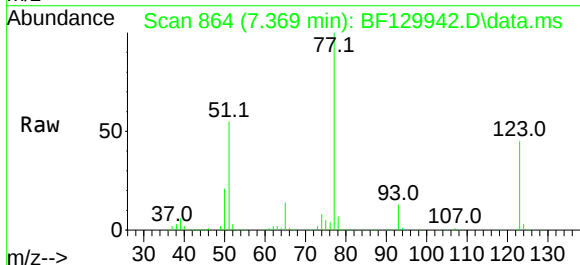
Tgt Ion: 77 Resp: 504712

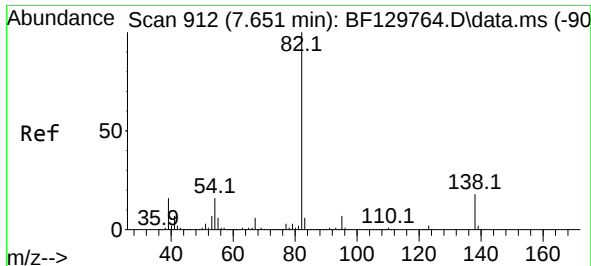
Ion Ratio Lower Upper

77 100

123 44.7 39.2 58.8

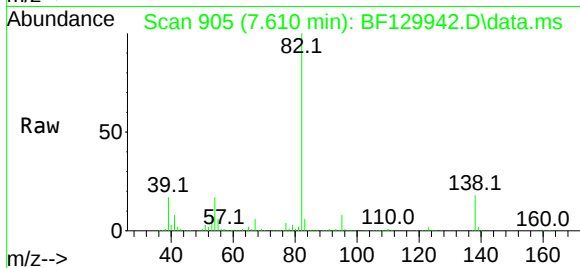
65 14.2 11.1 16.7





#25
Isophorone
Concen: 46.818 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

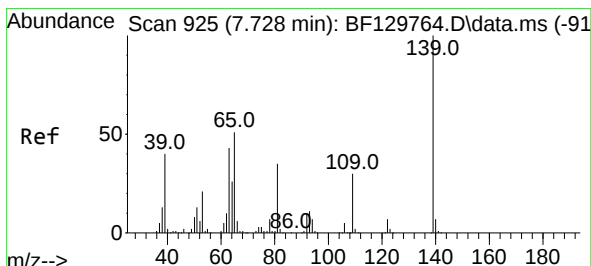
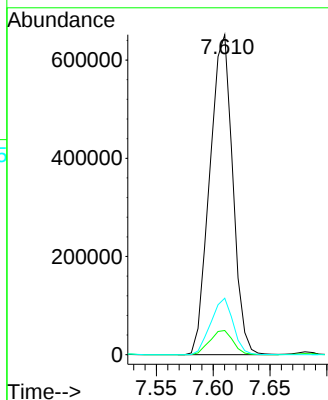
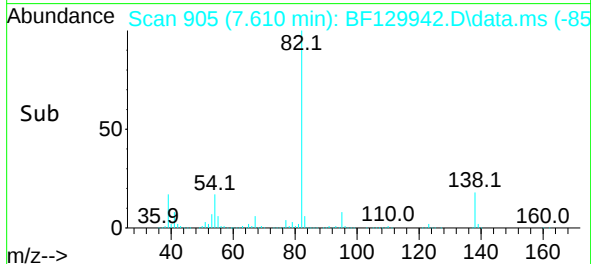
Instrument :
BNA_F
ClientSampleId :
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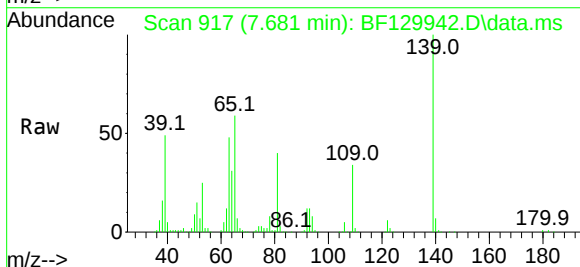
Tgt Ion: 82 Resp: 916340
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.6 14.6 21.8

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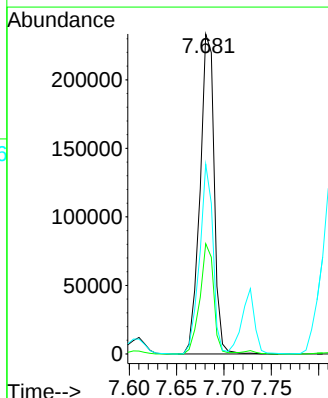
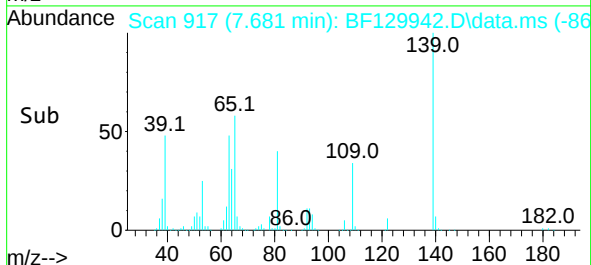
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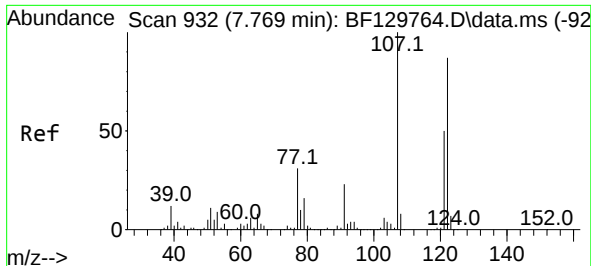


#26
2-Nitrophenol
Concen: 43.215 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:139 Resp: 243742
Ion Ratio Lower Upper
139 100
109 34.5 24.4 36.6
65 59.3 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 48.925 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129942.D

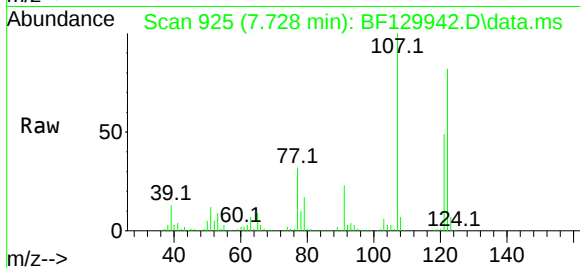
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:122 Resp: 395740

Ion Ratio Lower Upper

122 100

107 121.6 92.2 138.4

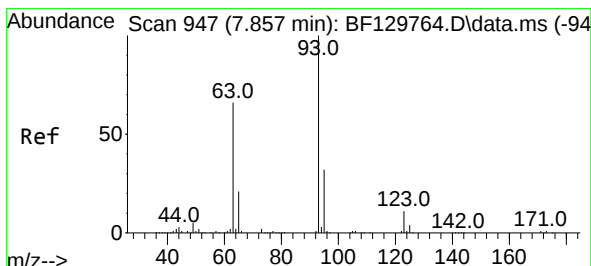
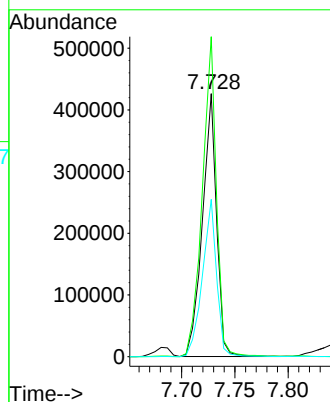
121 59.8 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.174 ng

RT: 7.810 min Scan# 939

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

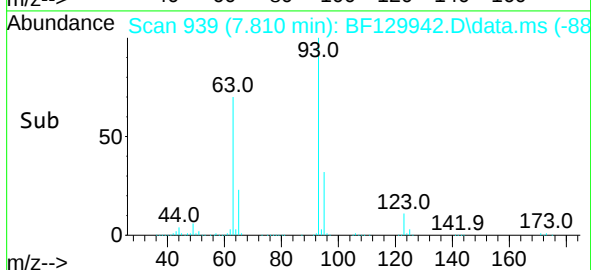
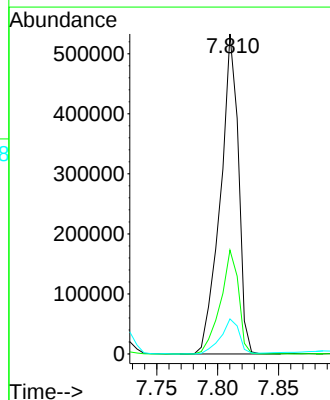
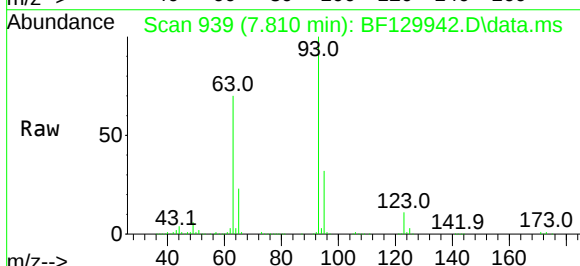
Tgt Ion: 93 Resp: 550527

Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.707 ng

RT: 7.934 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

Tgt Ion:162 Resp: 37773

Ion Ratio Lower Upper

162 100

164 65.9 43.7 83.7

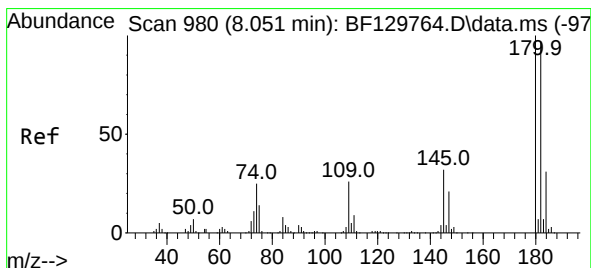
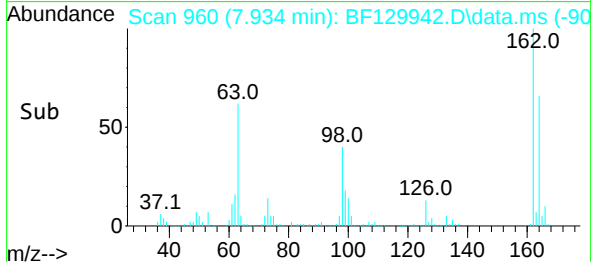
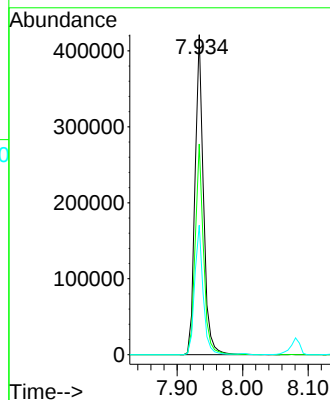
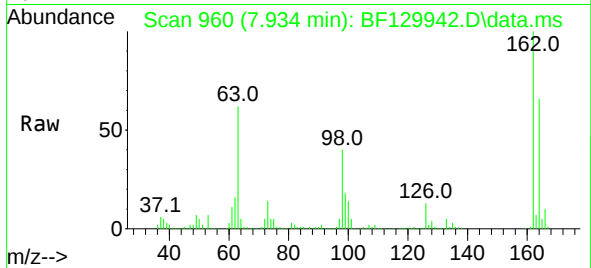
98 40.4 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.155 ng

RT: 7.998 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

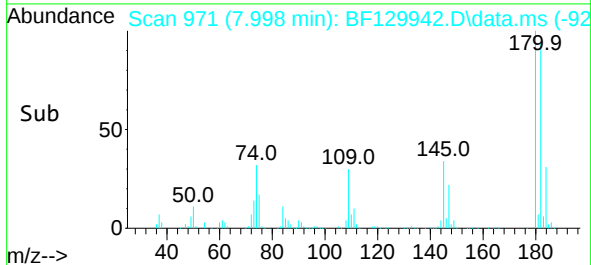
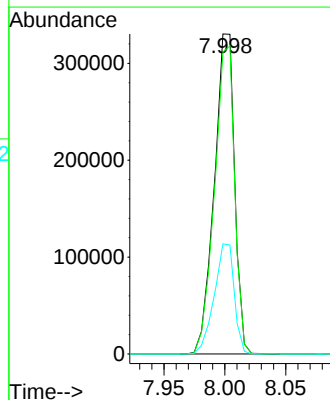
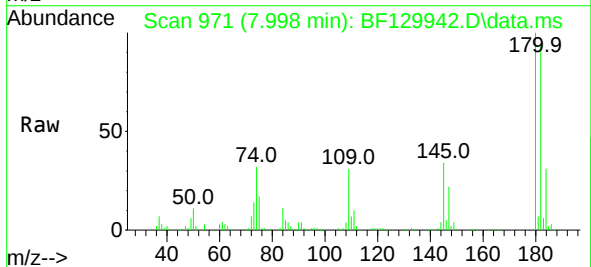
Tgt Ion:180 Resp: 384006

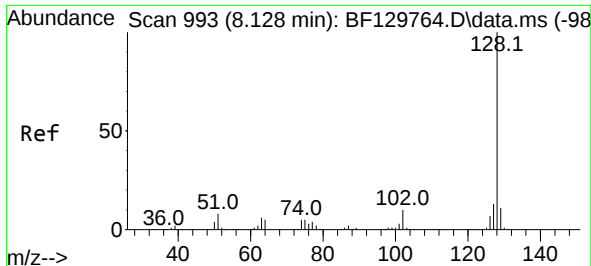
Ion Ratio Lower Upper

180 100

182 94.3 77.6 116.4

145 34.4 25.6 38.4





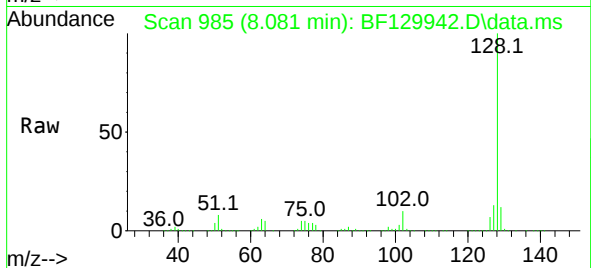
#31
Naphthalene
Concen: 41.771 ng
RT: 8.081 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

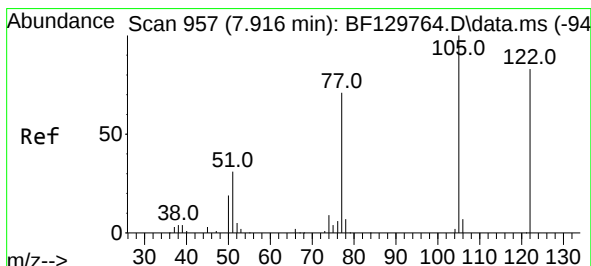
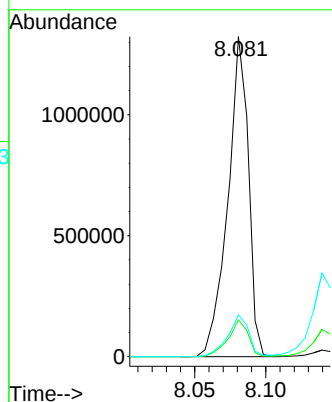


Tgt Ion:128 Resp: 1329528
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.1 10.7 16.1

Manual Integrations

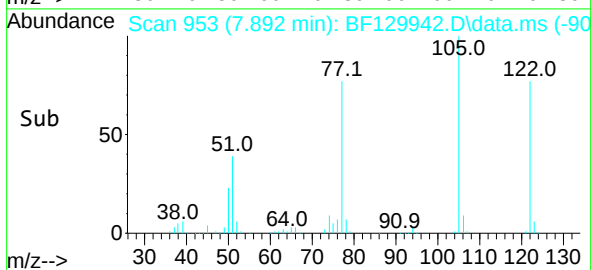
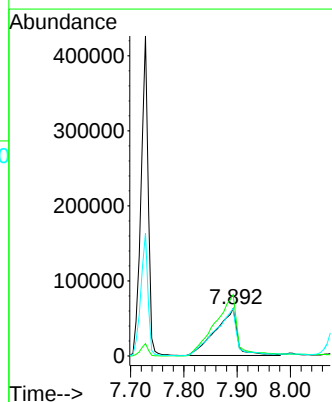
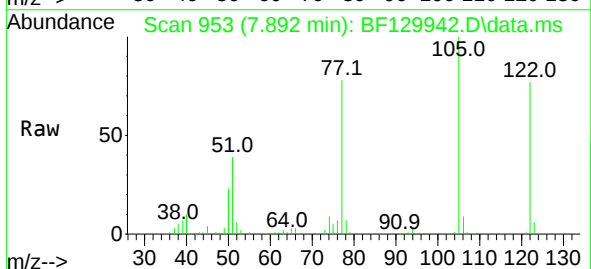
APPROVED

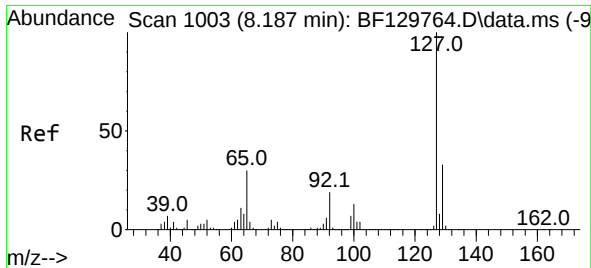
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#32
Benzoic acid
Concen: 49.502 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Tgt Ion:122 Resp: 181743
Ion Ratio Lower Upper
122 100
105 129.6 99.9 139.9
77 100.5 65.9 105.9





#33
4-Chloroaniline
Concen: 35.223 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

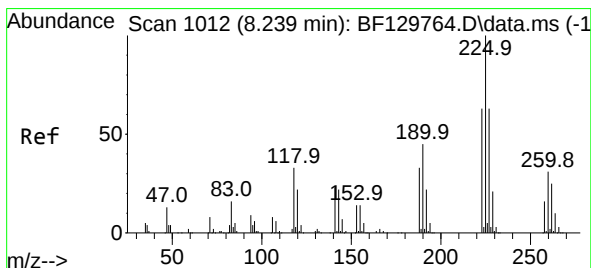
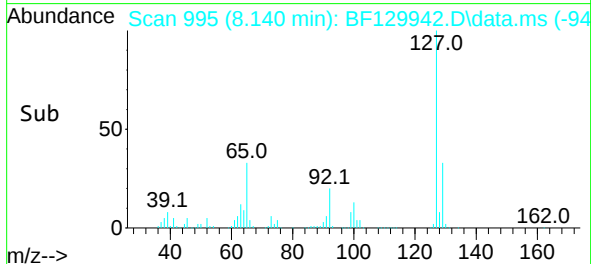
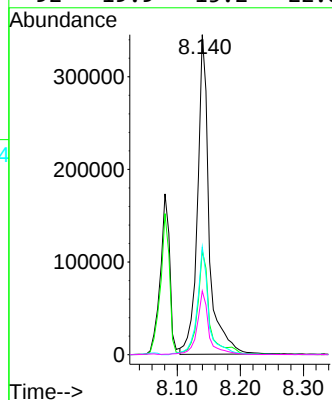
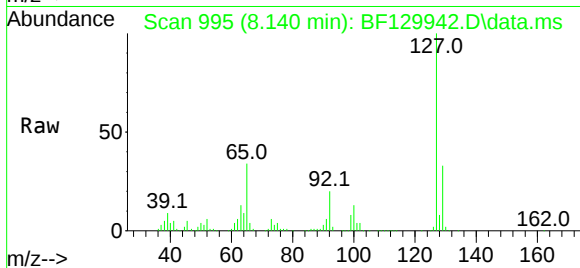
ClientSampleId :

UST-NORTHMSD

Tgt Ion:127 Resp: 440860
Ion Ratio Lower Upper
127 100
129 32.5 26.7 40.1
65 33.6 24.2 36.2
92 19.9 15.2 22.8

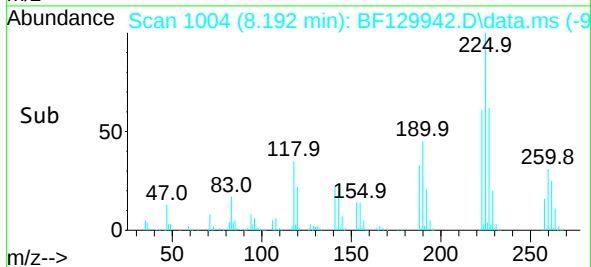
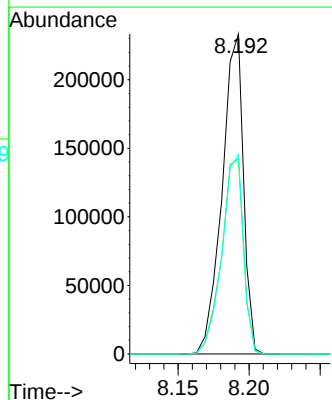
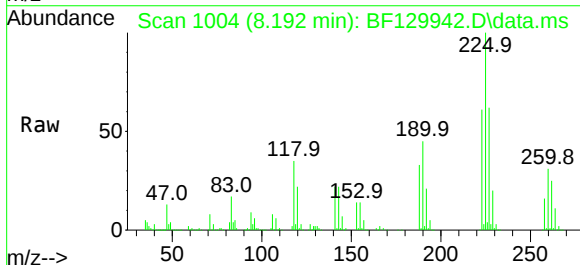
Manual Integrations
APPROVED

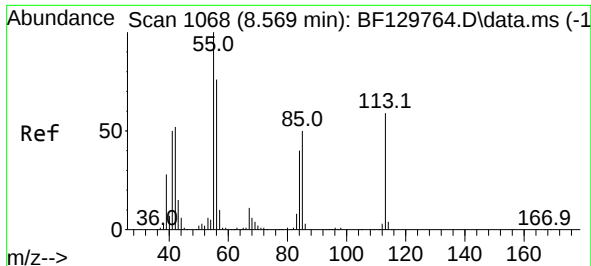
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#34
Hexachlorobutadiene
Concen: 42.904 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

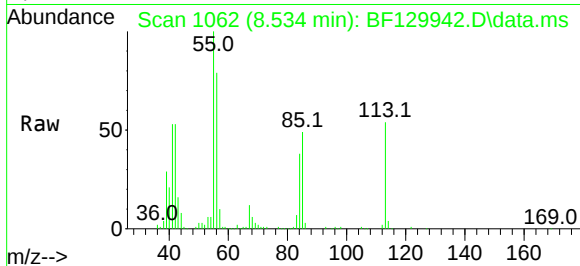
Tgt Ion:225 Resp: 243762
Ion Ratio Lower Upper
225 100
223 61.0 50.2 75.2
227 62.4 50.6 75.8





#35
Caprolactam
Concen: 37.391 ng m
RT: 8.534 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

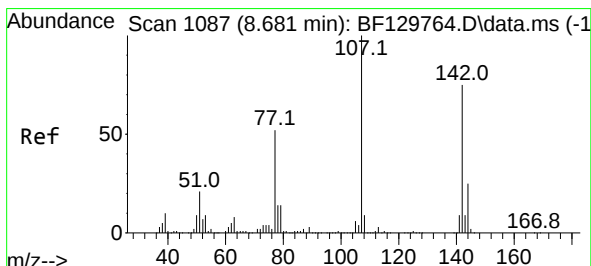
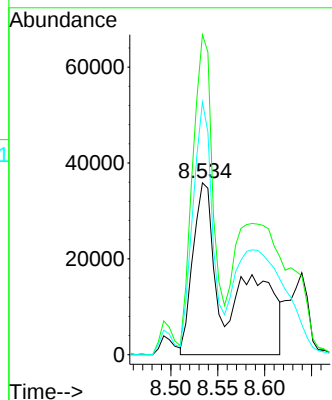
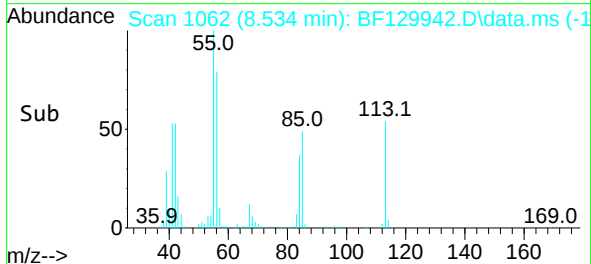
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



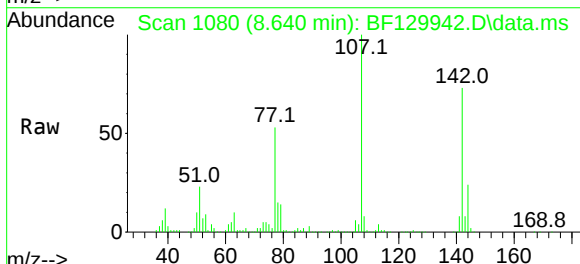
Tgt Ion:113 Resp: 10284
Ion Ratio Lower Upper
113 100
55 186.2 148.8 188.8
56 147.1 109.1 149.1

Manual Integrations
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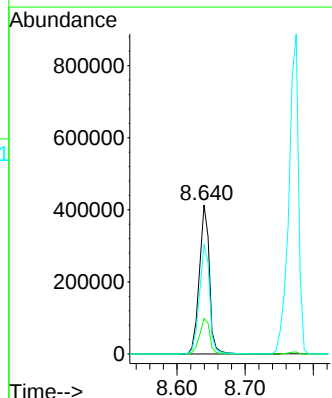
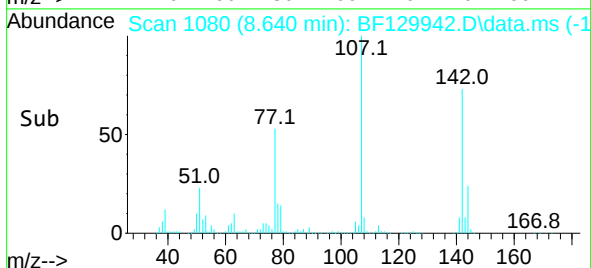
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

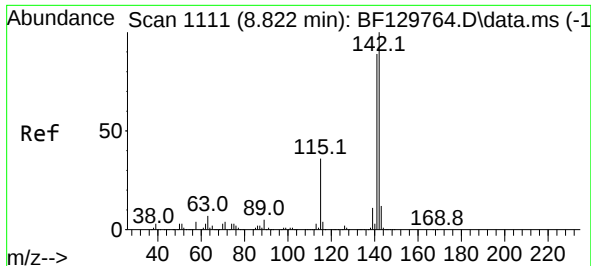


#36
4-Chloro-3-methylphenol
Concen: 44.573 ng
RT: 8.640 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:107 Resp: 425308
Ion Ratio Lower Upper
107 100
144 23.7 19.9 29.9
142 73.0 60.2 90.4





#37

2-Methylnaphthalene

Concen: 41.896 ng

RT: 8.775 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

Tgt Ion:142 Resp: 87521

Ion Ratio Lower Upper

142 100

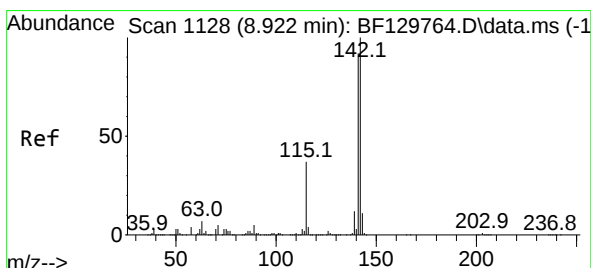
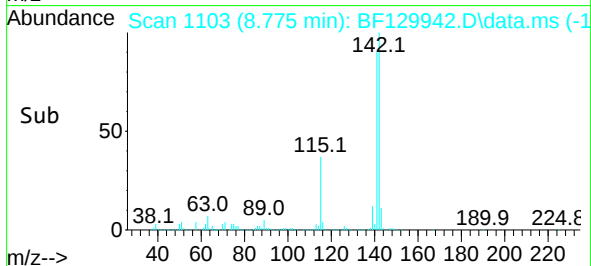
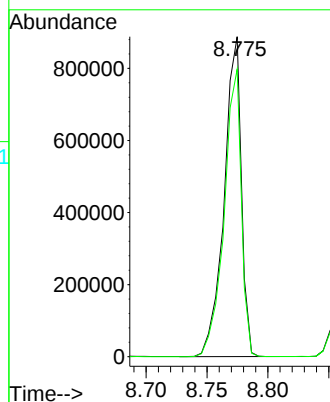
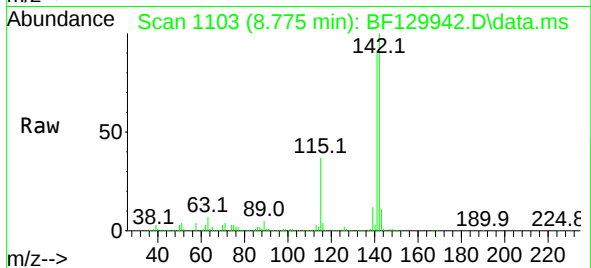
141 89.8 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#38

1-Methylnaphthalene

Concen: 41.196 ng

RT: 8.875 min Scan# 1120

Delta R.T. 0.006 min

Lab File: BF129942.D

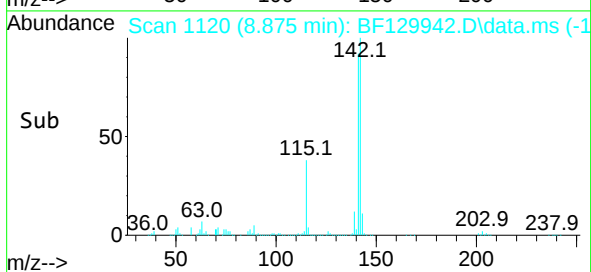
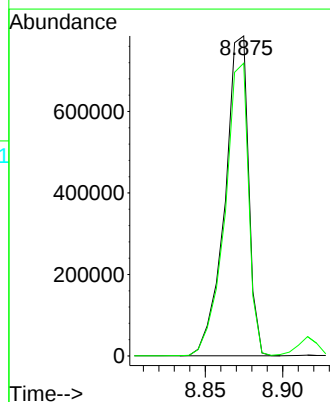
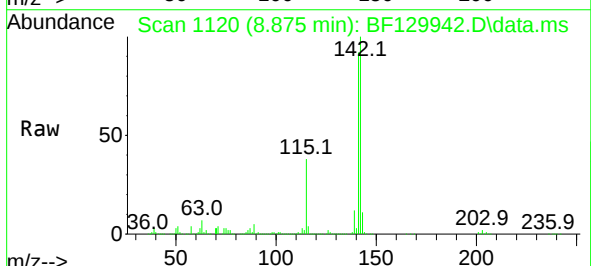
Acq: 22 Aug 2022 16:04

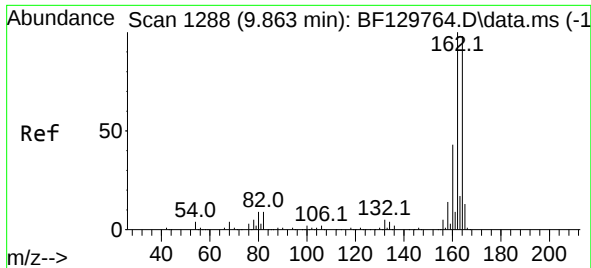
Tgt Ion:142 Resp: 836368

Ion Ratio Lower Upper

142 100

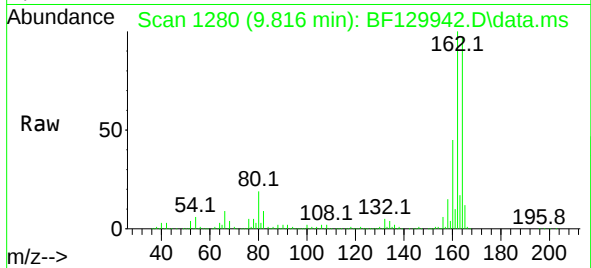
141 91.5 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

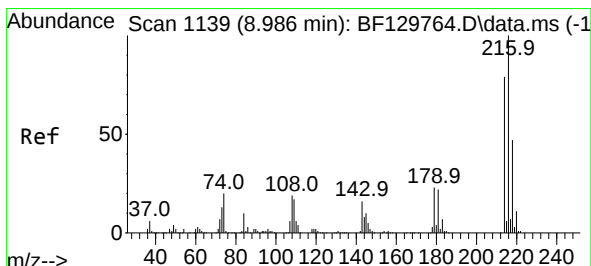
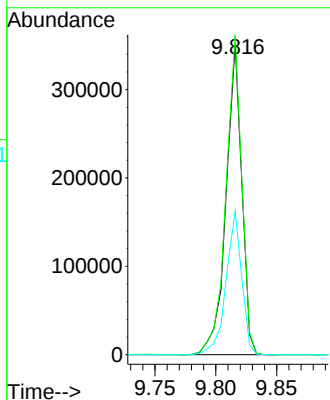
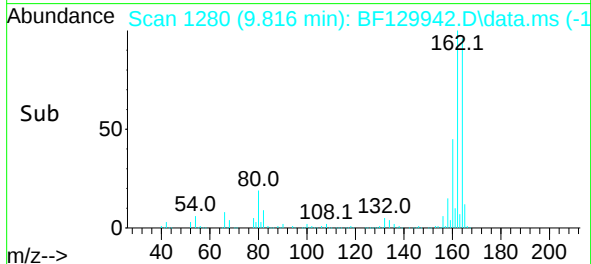
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



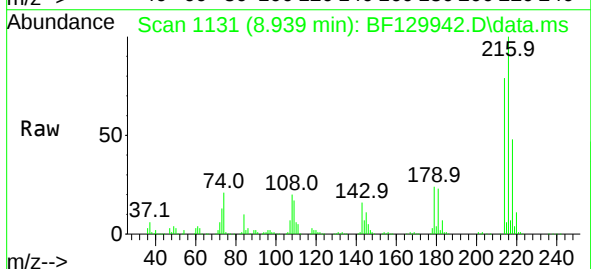
Tgt Ion:164 Resp: 316644
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 46.1 35.4 53.0

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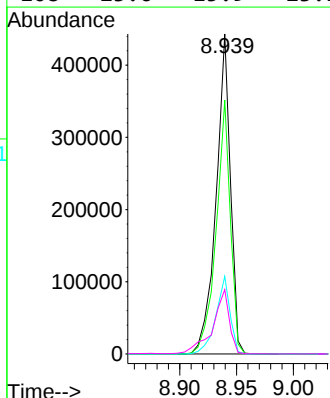
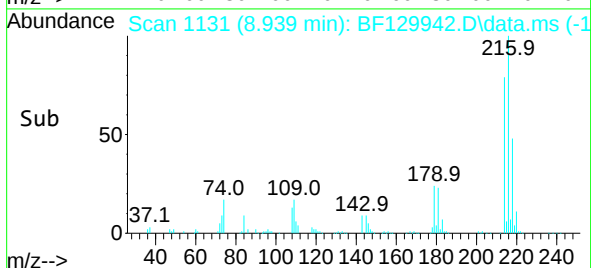
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.261 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



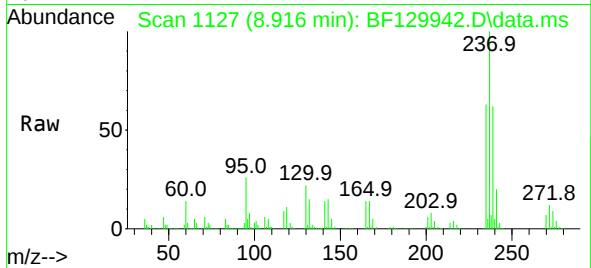
Tgt Ion:216 Resp: 389799
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 23.9 18.1 27.1
108 23.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 96.474 ng
RT: 8.916 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

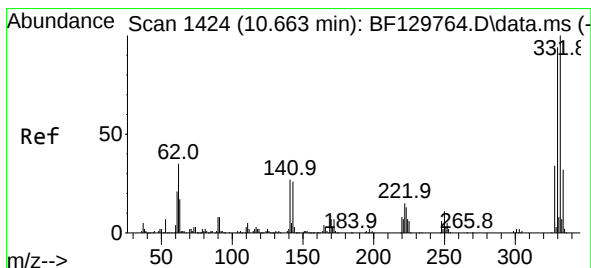
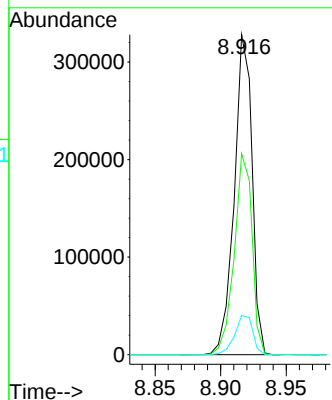
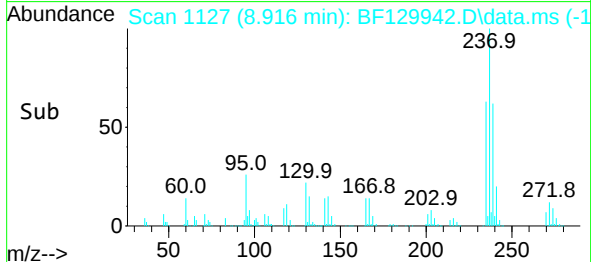
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



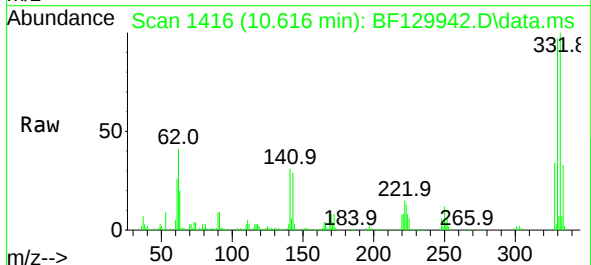
Tgt Ion:237 Resp: 310250
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 12.2 0.0 33.3

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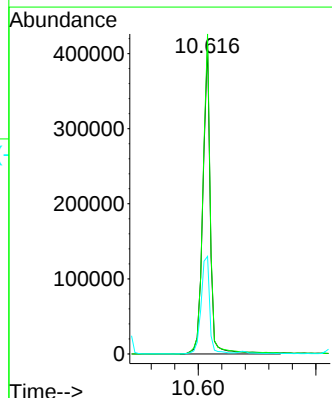
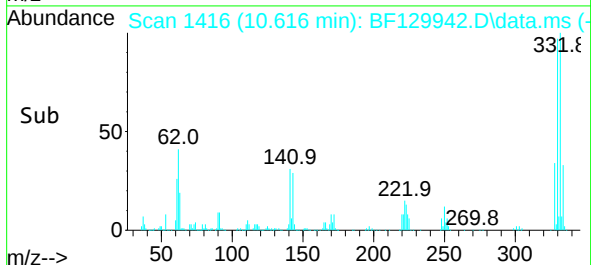
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

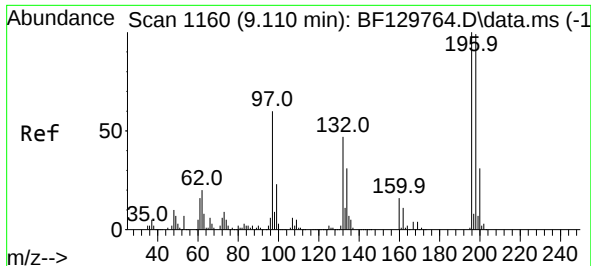


#42
2,4,6-Tribromophenol
Concen: 113.608 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:330 Resp: 361045
Ion Ratio Lower Upper
330 100
332 103.8 82.6 124.0
141 36.7 27.6 41.4





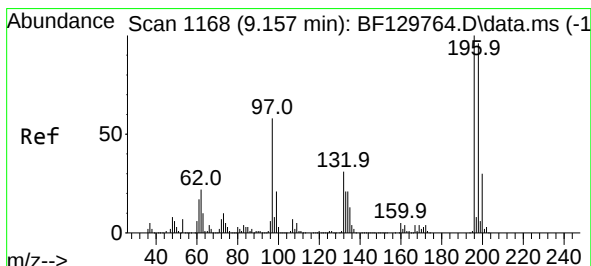
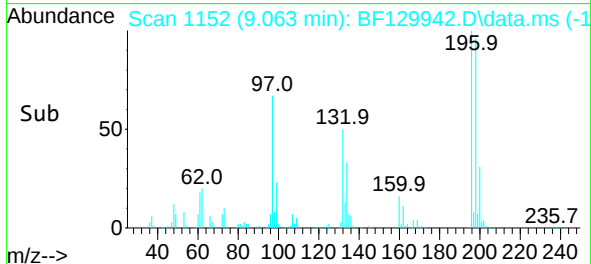
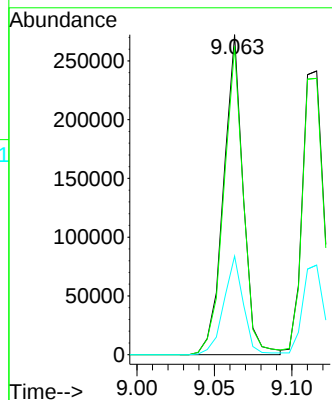
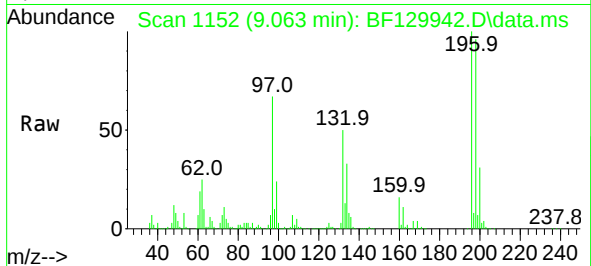
#43
2,4,6-Trichlorophenol
Concen: 41.935 ng
RT: 9.063 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD

Tgt Ion:196 Resp: 23995
Ion Ratio Lower Upper
196 100
198 96.4 79.0 118.4
200 30.8 25.1 37.7

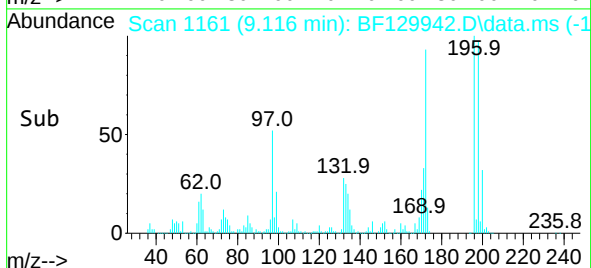
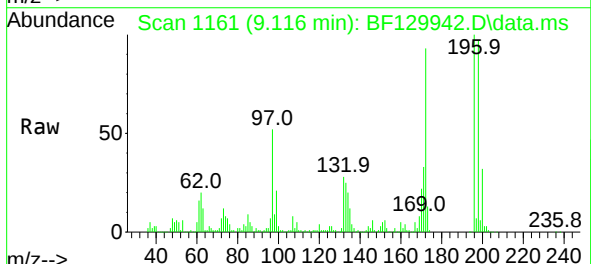
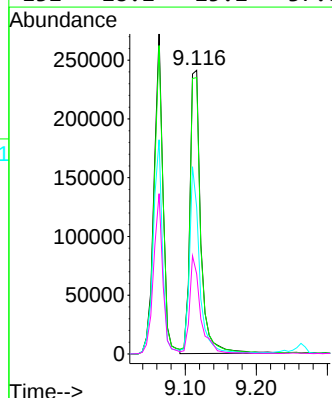
Manual Integrations
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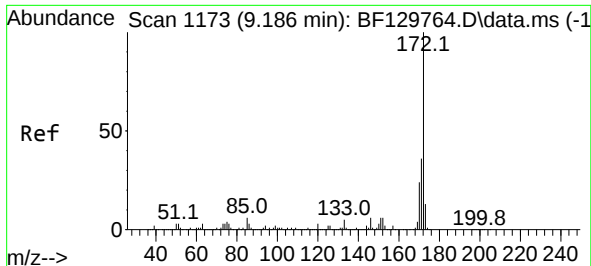
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#44
2,4,5-Trichlorophenol
Concen: 41.581 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Tgt Ion:196 Resp: 255978
Ion Ratio Lower Upper
196 100
198 97.4 76.4 114.6
97 51.7 46.5 69.7
132 28.2 25.2 37.8





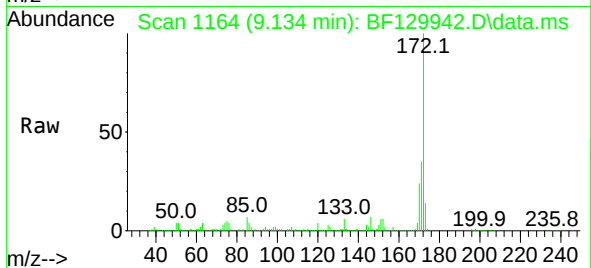
#45
2-Fluorobiphenyl
Concen: 72.918 ng
RT: 9.134 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

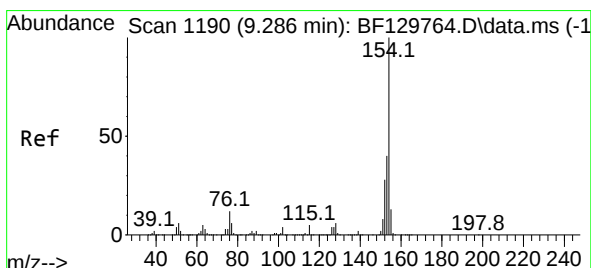
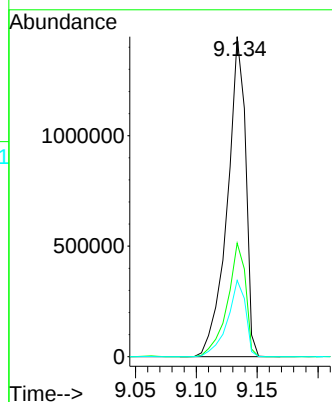
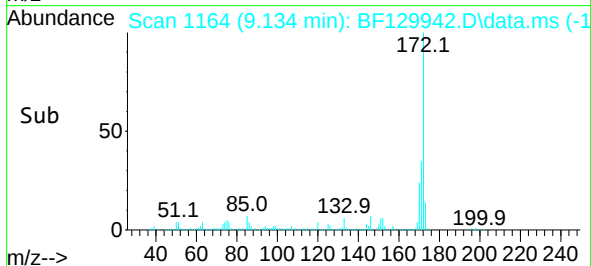


Tgt Ion:172 Resp: 1520204
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.9 19.1 28.7

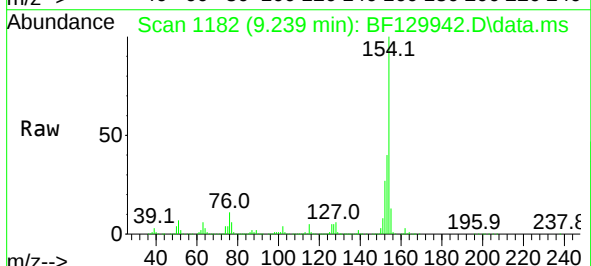
Manual Integrations

APPROVED

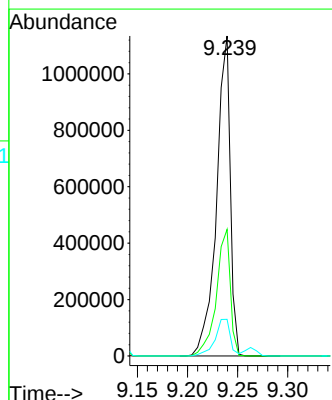
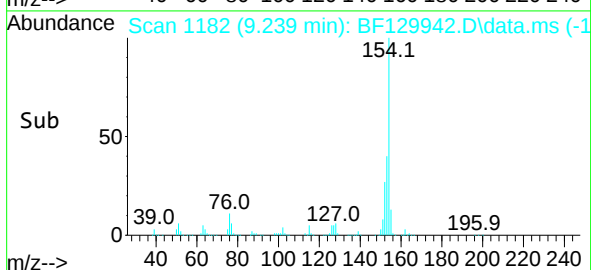
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

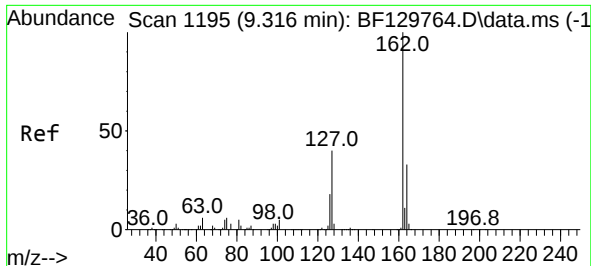


#46
1,1'-Biphenyl
Concen: 44.956 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:154 Resp: 1081433
Ion Ratio Lower Upper
154 100
153 39.5 20.2 60.2
76 11.4 0.0 32.1





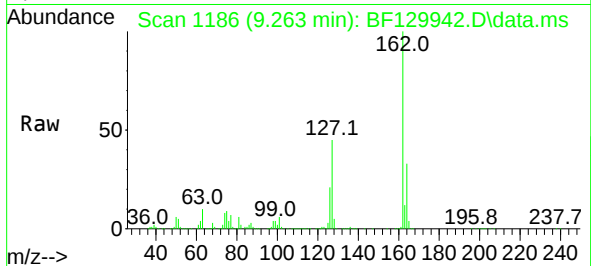
#47
2-Chloronaphthalene
Concen: 43.284 ng
RT: 9.263 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

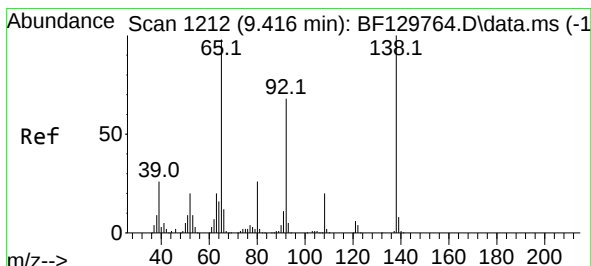
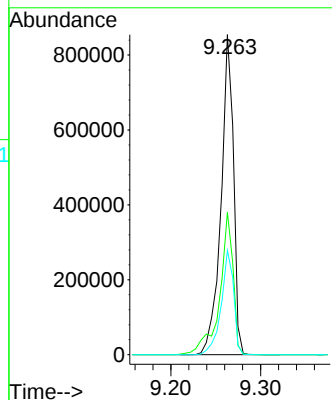


Tgt Ion: 162 Resp: 82383
Ion Ratio Lower Upper
162 100
127 44.5 33.1 49.7
164 32.6 26.7 40.1

Manual Integrations

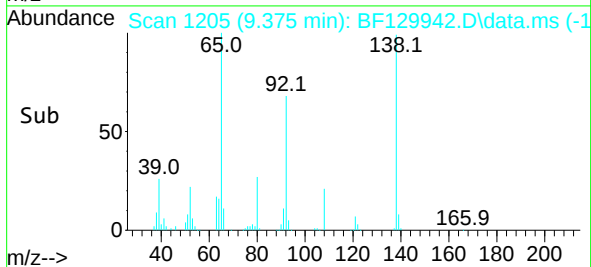
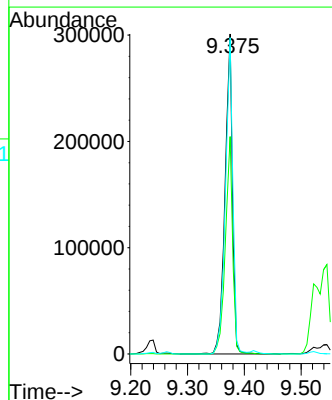
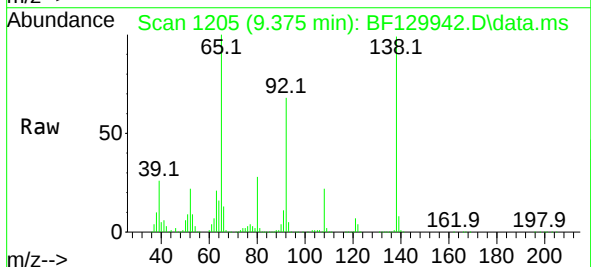
APPROVED

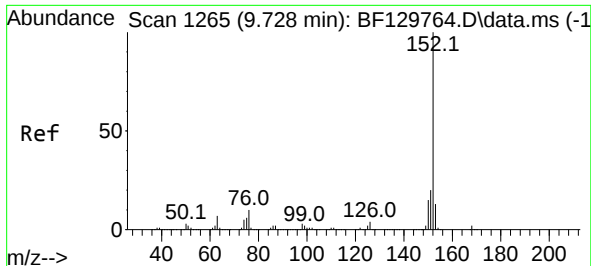
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#48
2-Nitroaniline
Concen: 45.653 ng
RT: 9.375 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Tgt Ion: 65 Resp: 274597
Ion Ratio Lower Upper
65 100
92 67.9 55.0 82.4
138 98.9 81.3 121.9





#49

Acenaphthylene

Concen: 42.711 ng

RT: 9.681 min Scan# 123274

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

Tgt Ion:152 Resp: 123274

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

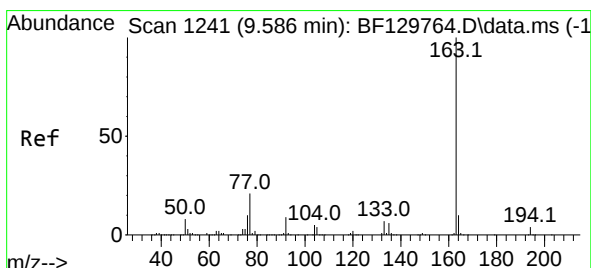
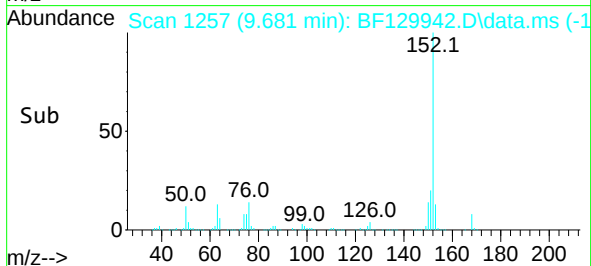
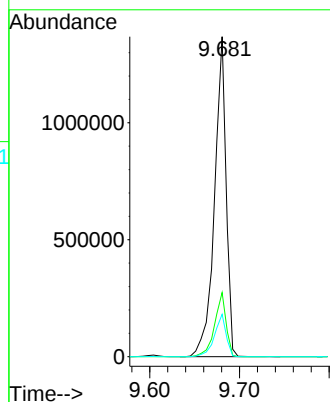
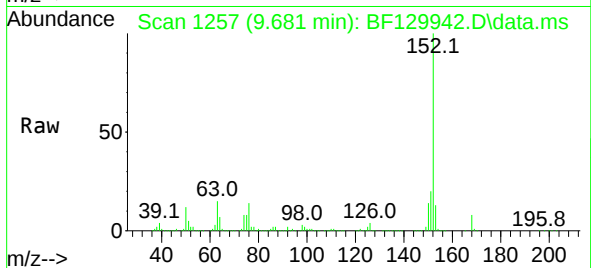
153 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#50

Dimethylphthalate

Concen: 42.549 ng

RT: 9.545 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

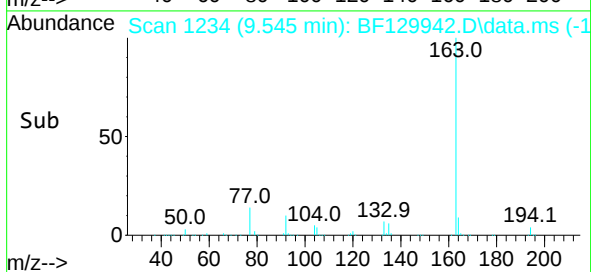
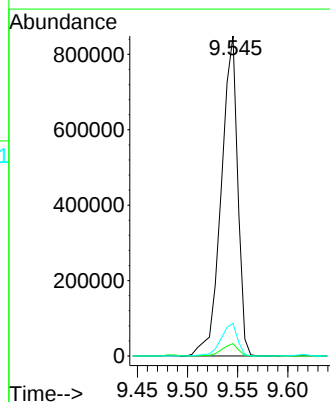
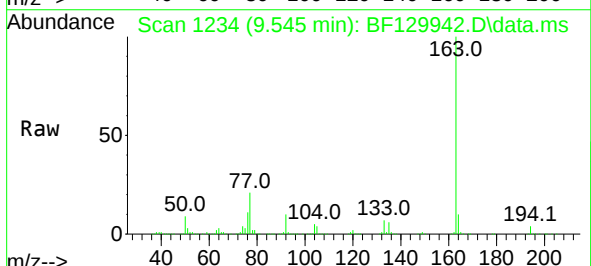
Tgt Ion:163 Resp: 965824

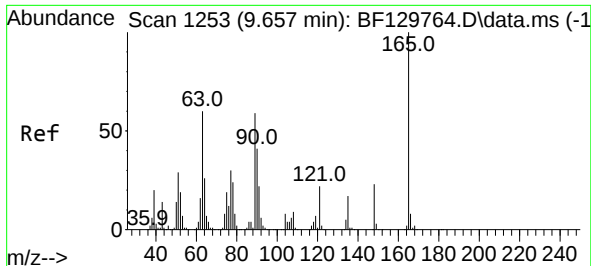
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

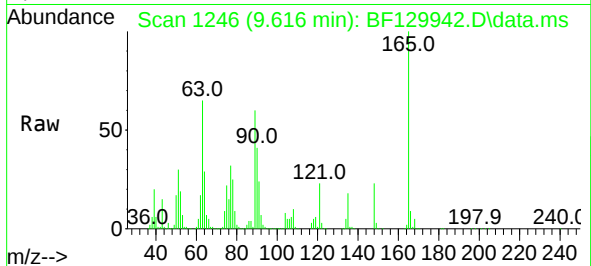
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.758 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

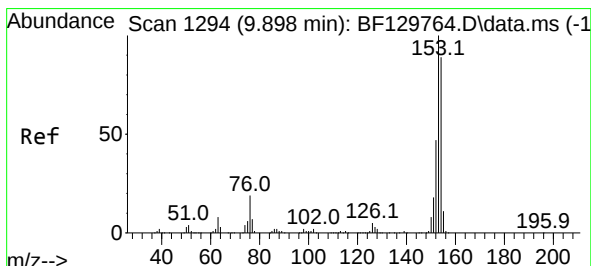
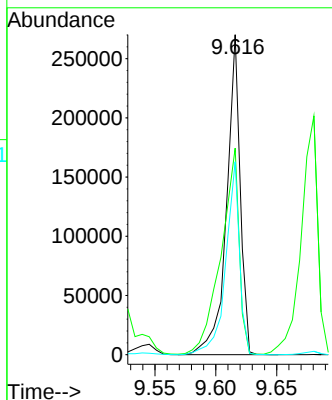
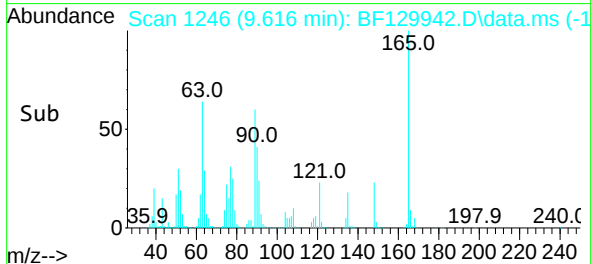
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



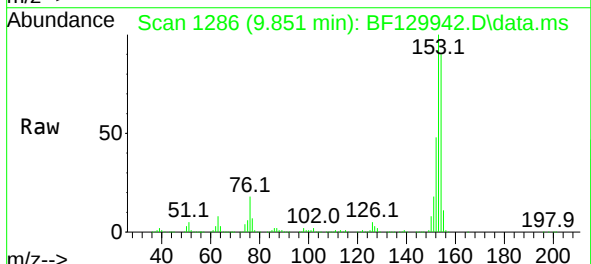
Tgt Ion:165 Resp: 21054
Ion Ratio Lower Upper
165 100
63 64.6 47.8 71.8
89 60.3 47.2 70.8

Manual Integrations
APPROVED

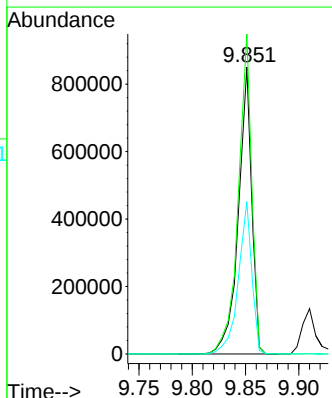
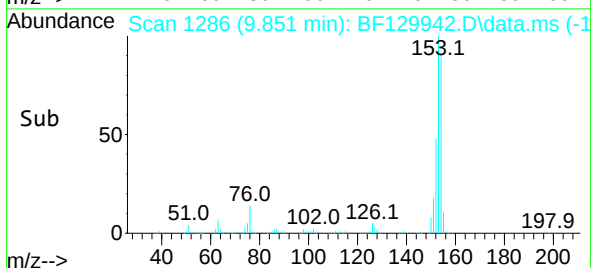
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

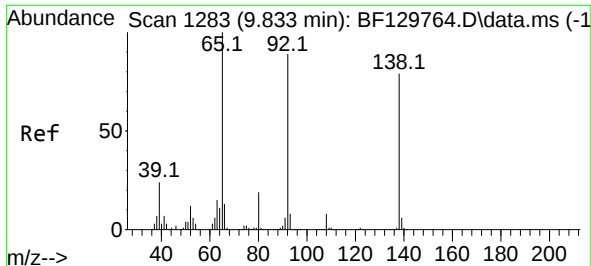


#52
Acenaphthene
Concen: 42.612 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



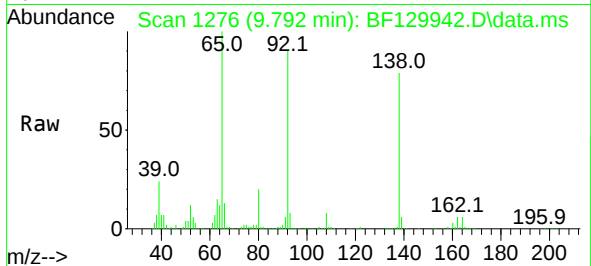
Tgt Ion:154 Resp: 746171
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 32.241 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

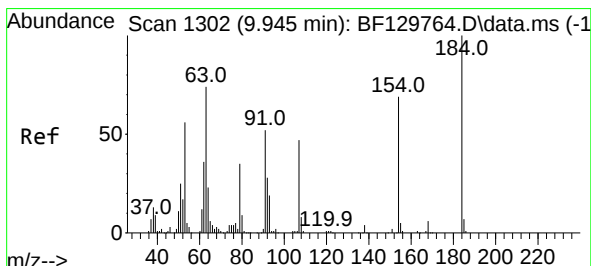
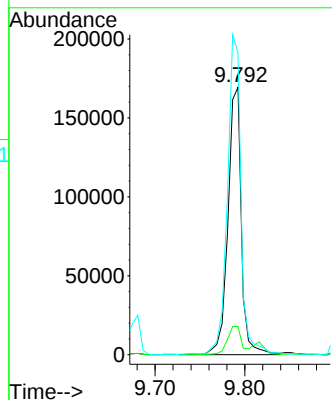
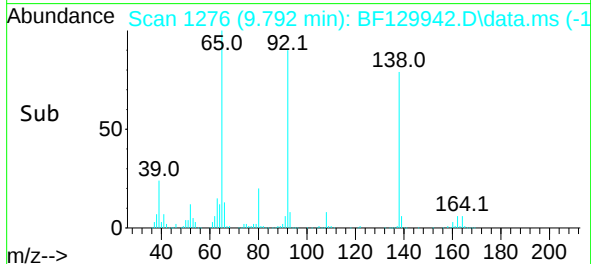
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



Tgt Ion:138 Resp: 17556
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 112.9 89.8 134.8

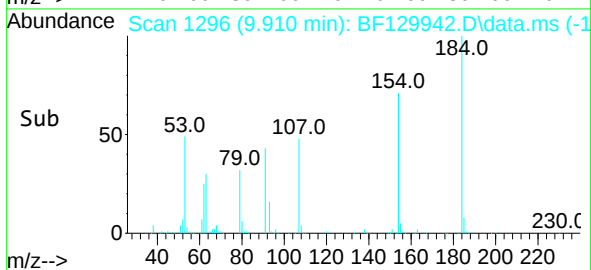
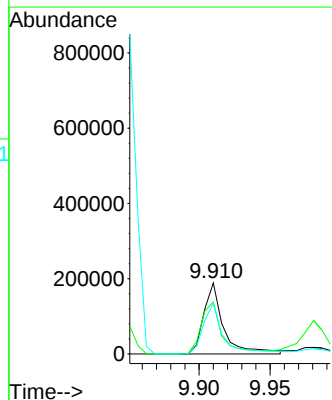
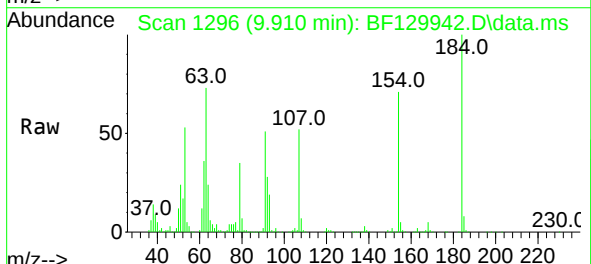
Manual Integrations
APPROVED

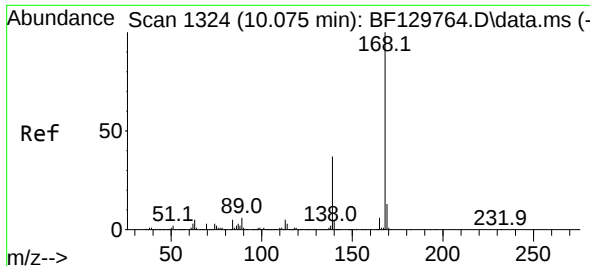
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#54
2,4-Dinitrophenol
Concen: 82.472 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Tgt Ion:184 Resp: 184006
Ion Ratio Lower Upper
184 100
63 73.3 59.6 89.4
154 71.1 55.3 82.9





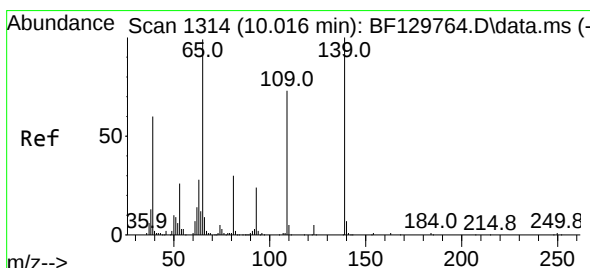
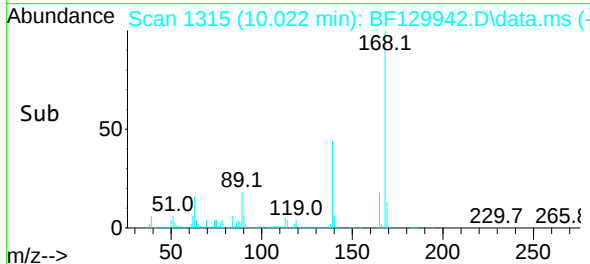
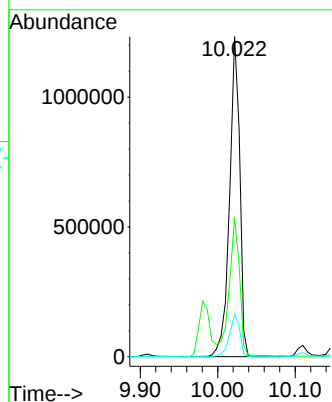
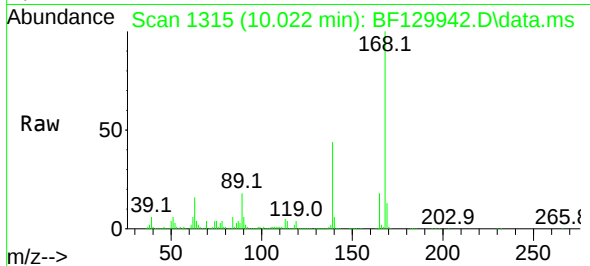
#55
Dibenzenofuran
Concen: 42.812 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD

Tgt Ion:168 Resp: 112625
Ion Ratio Lower Upper
168 100
139 43.6 31.3 46.9
169 13.4 10.7 16.1

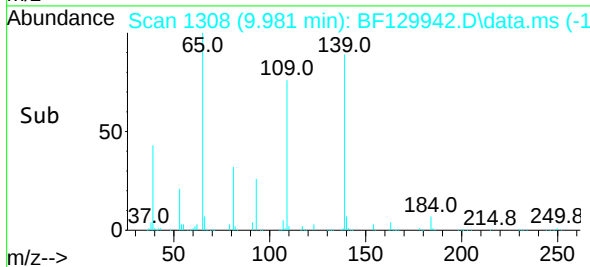
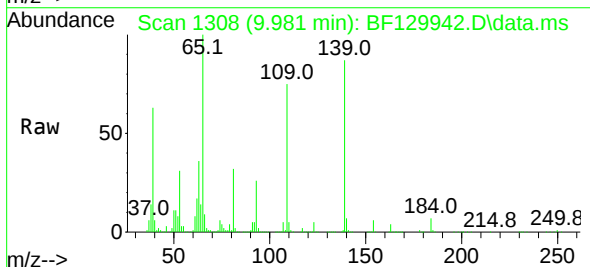
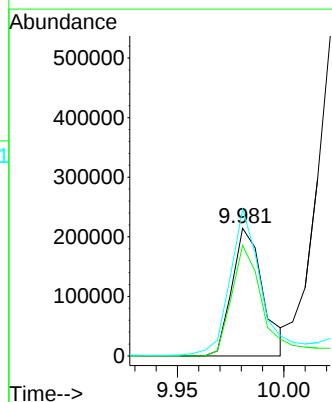
Manual Integrations
APPROVED

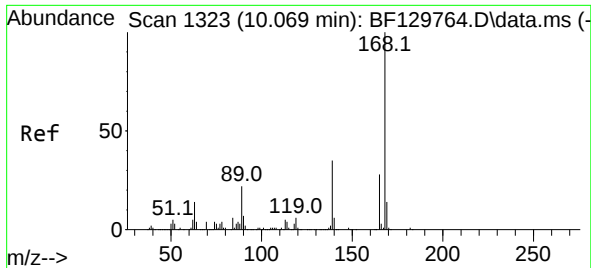
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#56
4-Nitrophenol
Concen: 89.739 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

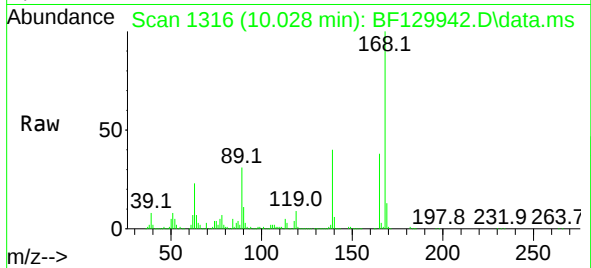
Tgt Ion:139 Resp: 217395
Ion Ratio Lower Upper
139 100
109 86.6 52.9 92.9
65 115.1 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 42.561 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

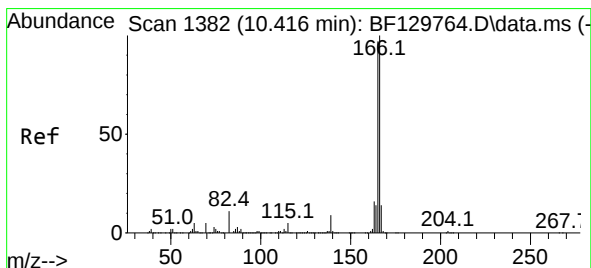
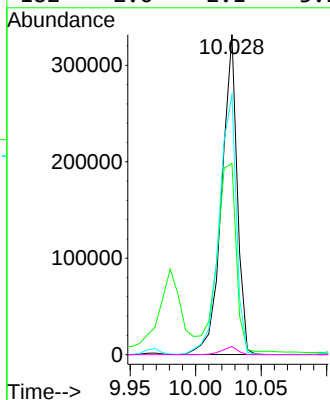
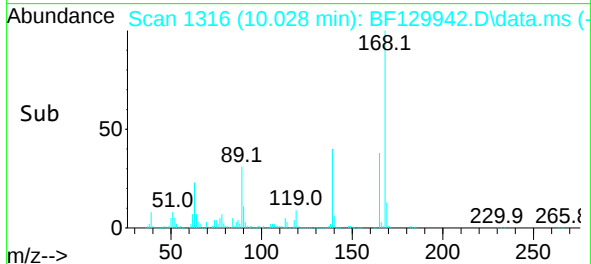
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



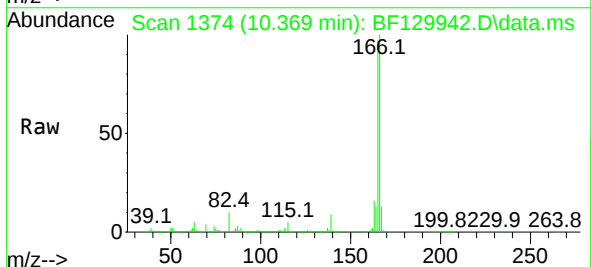
Tgt Ion:165 Resp: 27204
Ion Ratio Lower Upper
165 100
63 59.8 48.4 72.6
89 81.2 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

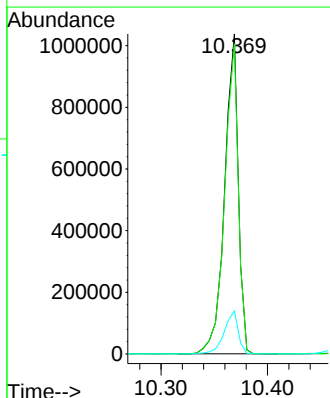
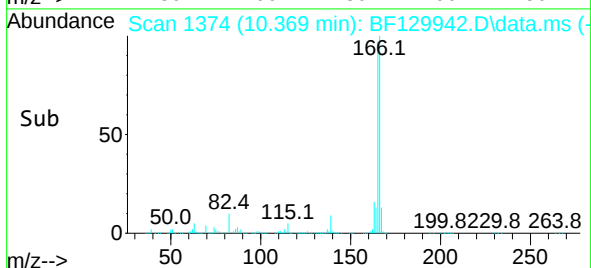
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

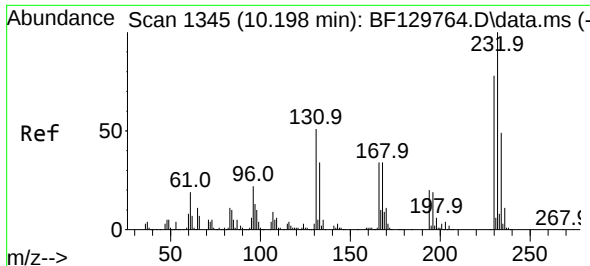


#58
Fluorene
Concen: 41.942 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



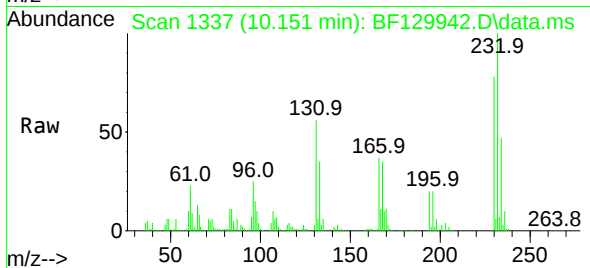
Tgt Ion:166 Resp: 921285
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.991 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

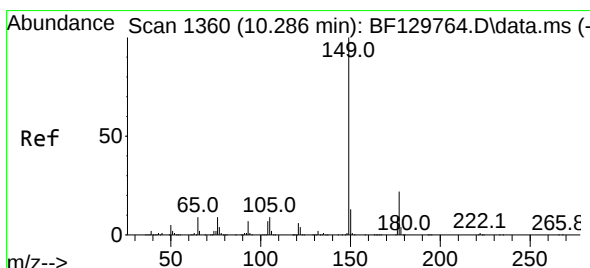
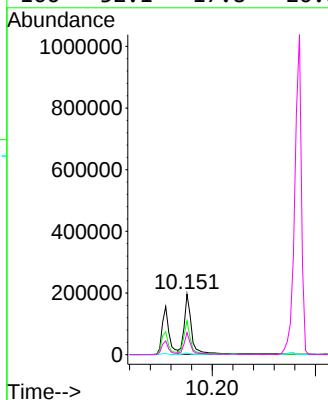
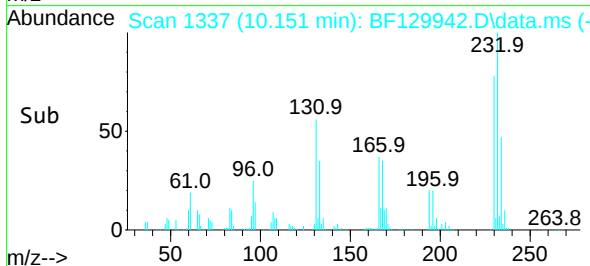
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



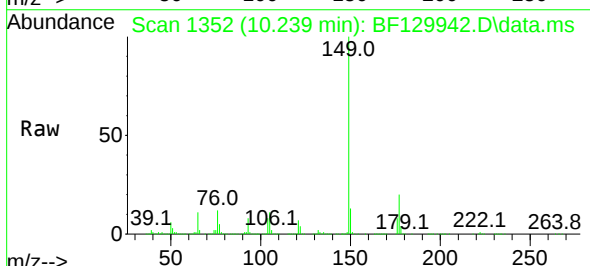
Tgt Ion:232 Resp: 194228
Ion Ratio Lower Upper
232 100
131 53.2 29.9 44.9
130 2.7 1.5 2.3
166 32.1 17.8 26.8

Manual Integrations
APPROVED

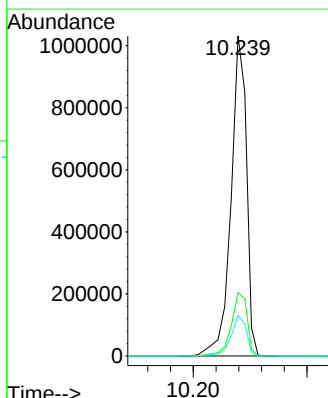
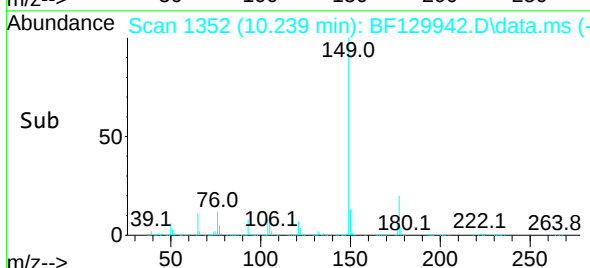
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

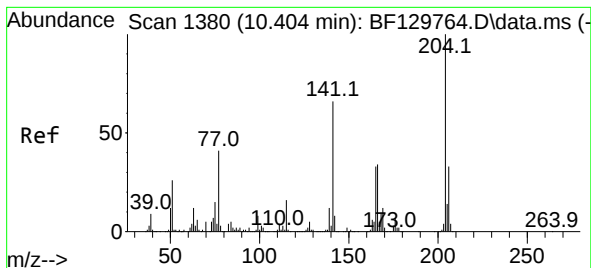


#60
Diethylphthalate
Concen: 42.997 ng
RT: 10.239 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



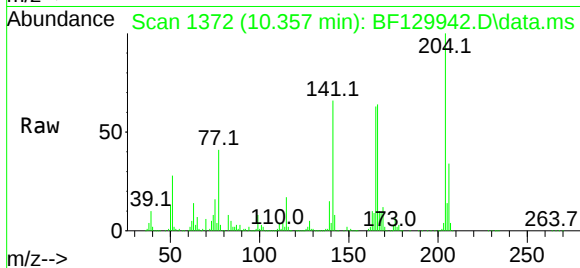
Tgt Ion:149 Resp: 973164
Ion Ratio Lower Upper
149 100
177 19.8 17.7 26.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.039 ng
RT: 10.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

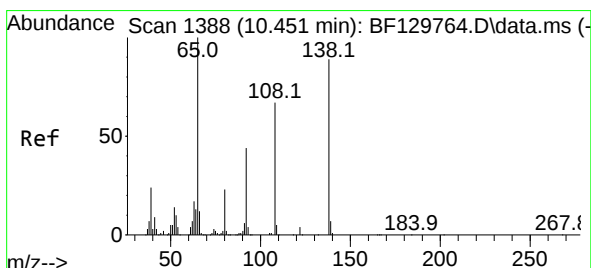
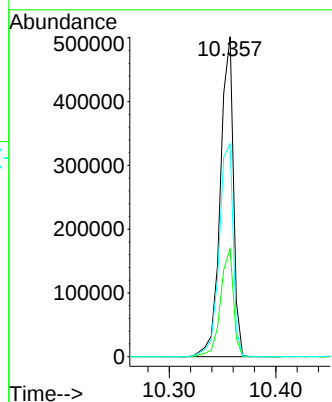
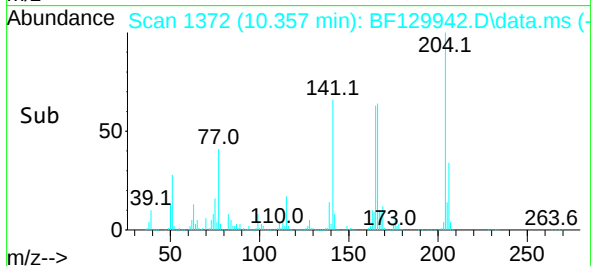
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



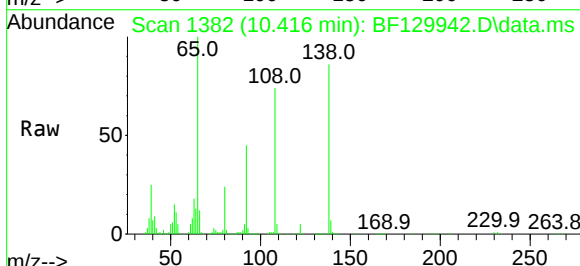
Tgt Ion:204 Resp: 42425
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 66.5 52.6 79.0

Manual Integrations
APPROVED

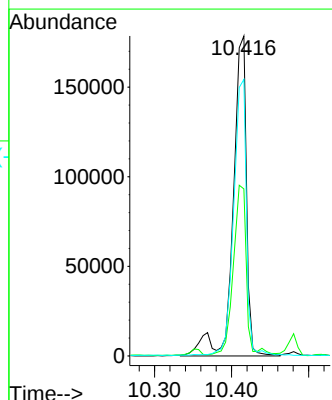
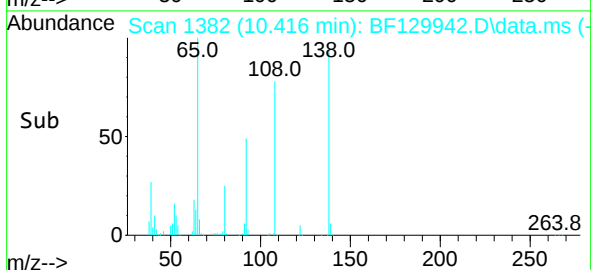
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

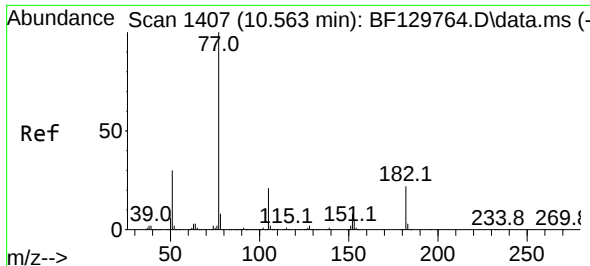


#62
4-Nitroaniline
Concen: 39.380 ng m
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



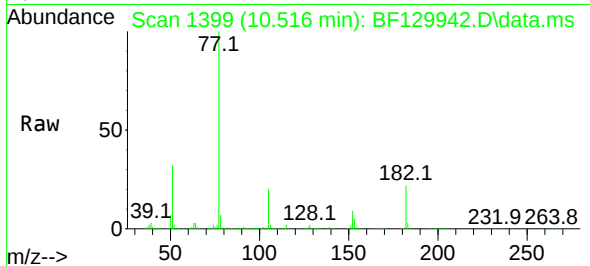
Tgt Ion:138 Resp: 216333
Ion Ratio Lower Upper
138 100
92 52.2 30.3 70.3
108 86.4 55.7 95.7





#63
Azobenzene
Concen: 43.333 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

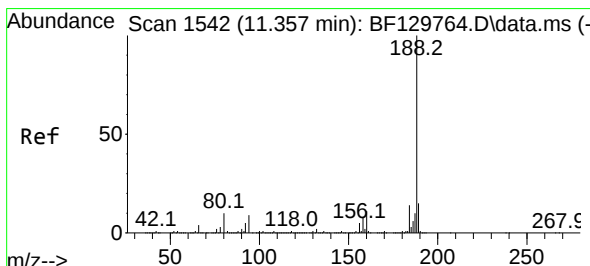
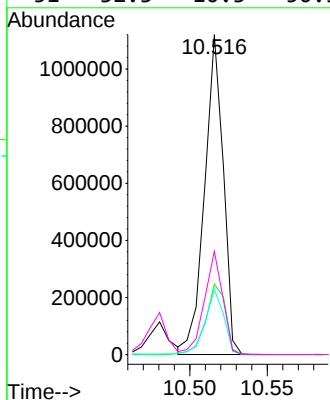
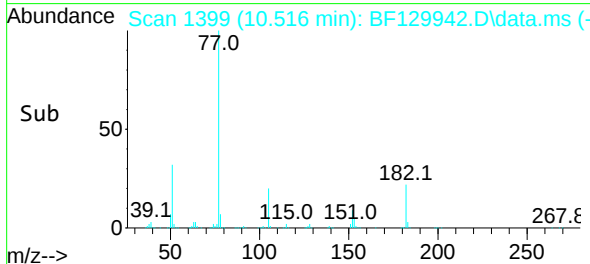
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



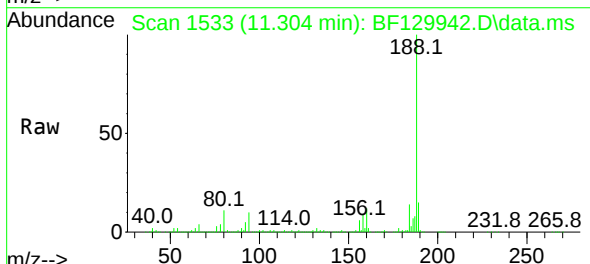
Tgt Ion: 77 Resp: 93746
Ion Ratio Lower Upper
77 100
182 22.0 2.2 42.2
105 20.4 0.8 40.8
51 32.3 10.3 50.3

Manual Integrations
APPROVED

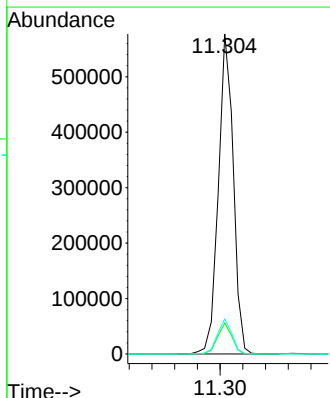
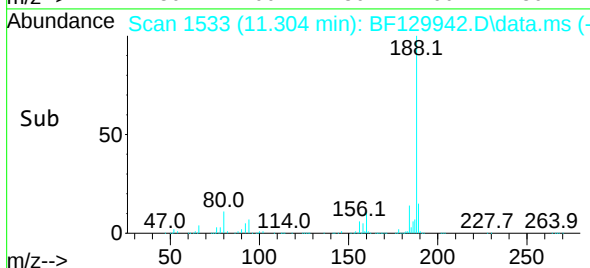
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



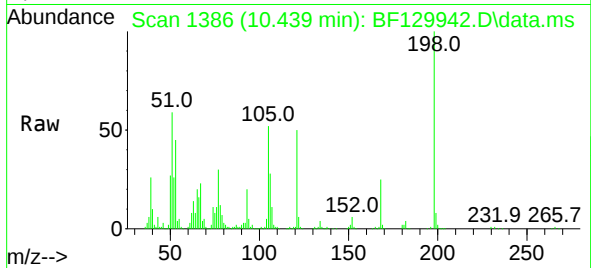
Tgt Ion:188 Resp: 527253
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 11.0 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.164 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

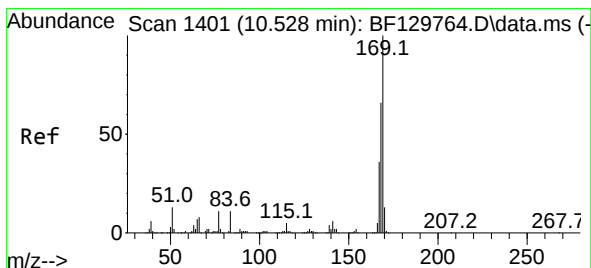
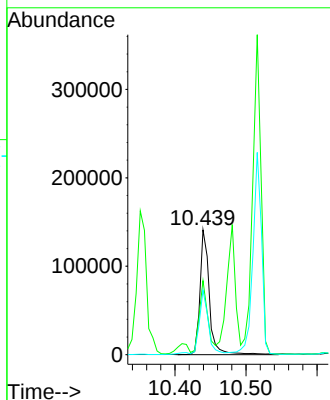
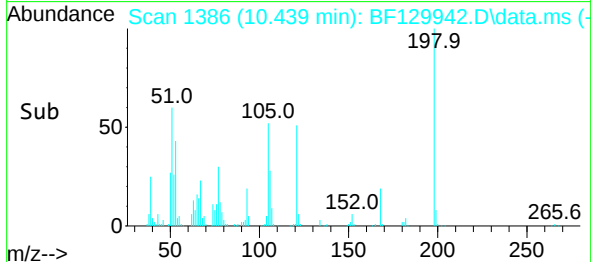
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



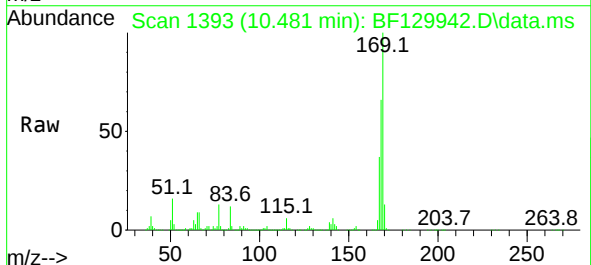
Tgt Ion:198 Resp: 130508
Ion Ratio Lower Upper
198 100
51 59.4 29.4 69.4
105 51.7 29.2 69.2

Manual Integrations
APPROVED

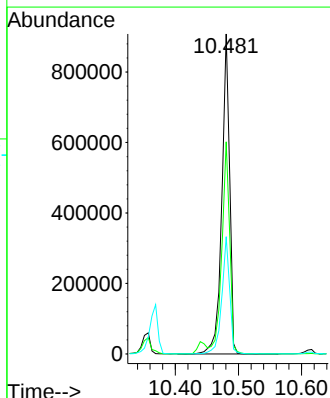
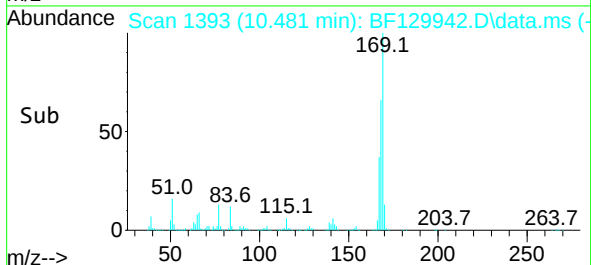
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

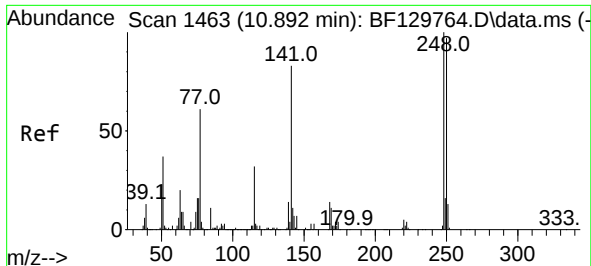


#66
n-Nitrosodiphenylamine
Concen: 44.026 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



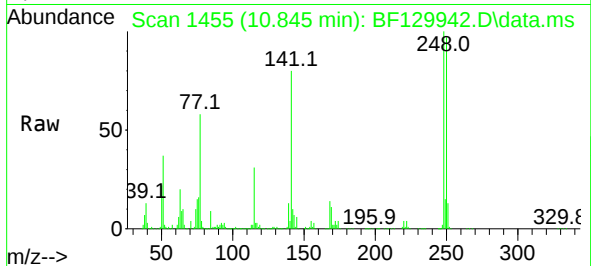
Tgt Ion:169 Resp: 783486
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.7 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 43.842 ng
RT: 10.845 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

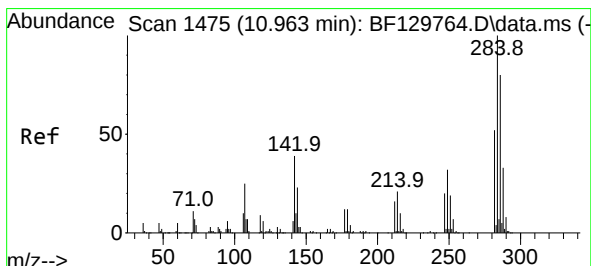
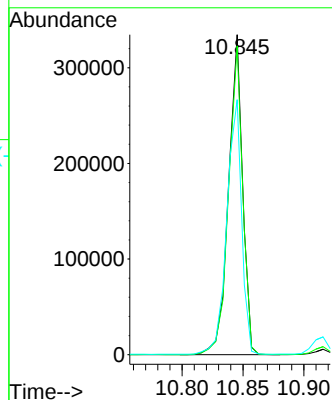
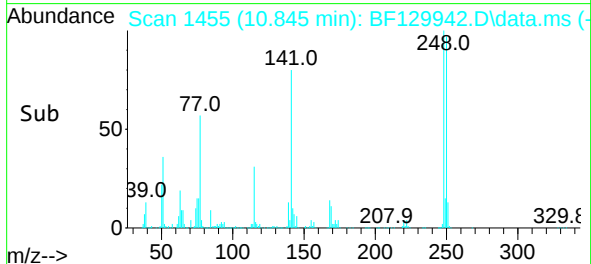
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



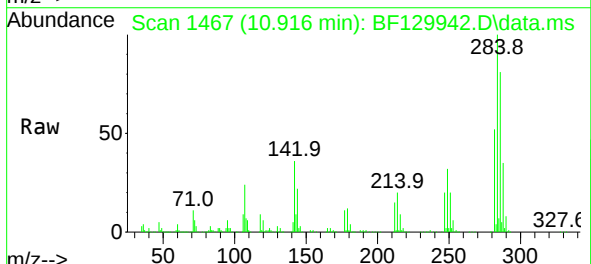
Tgt Ion:248 Resp: 270744
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 79.7 66.2 99.2

Manual Integrations
APPROVED

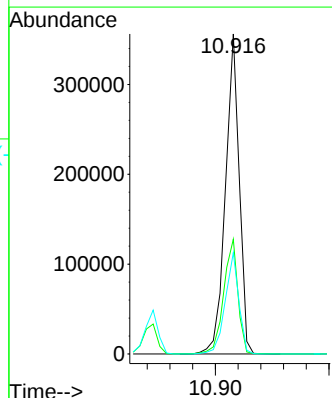
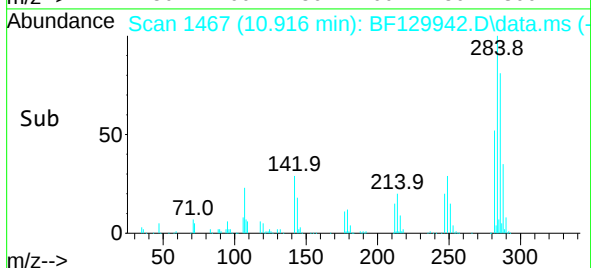
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

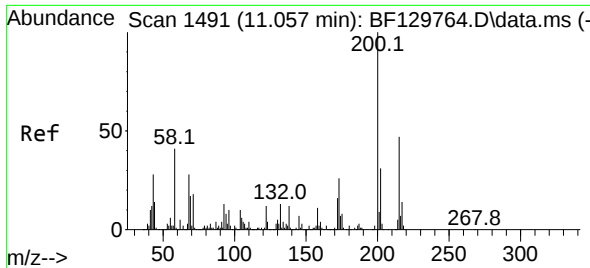


#68
Hexachlorobenzene
Concen: 44.956 ng
RT: 10.916 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



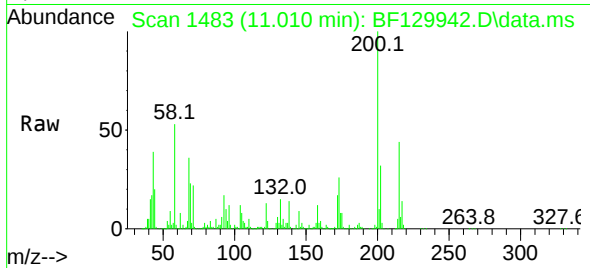
Tgt Ion:284 Resp: 300735
Ion Ratio Lower Upper
284 100
142 35.9 31.4 47.0
249 31.6 25.7 38.5





#69
Atrazine
Concen: 47.186 ng
RT: 11.010 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

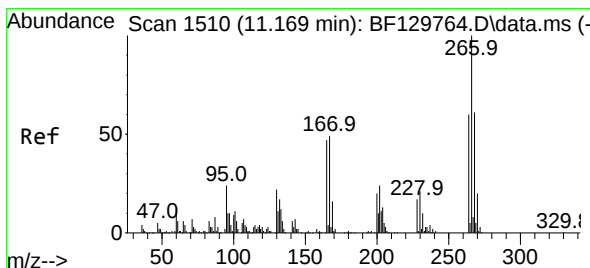
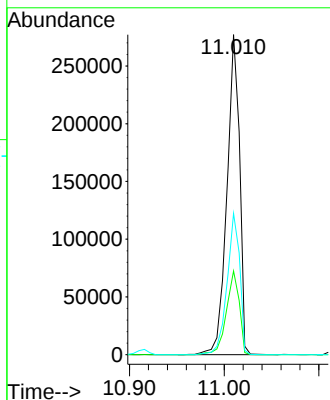
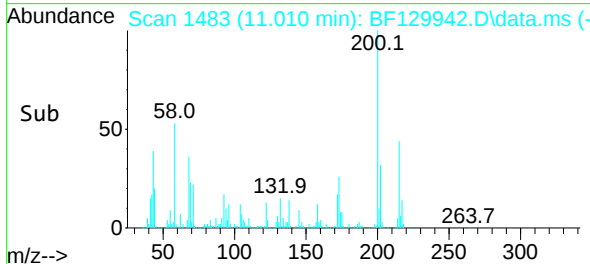
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



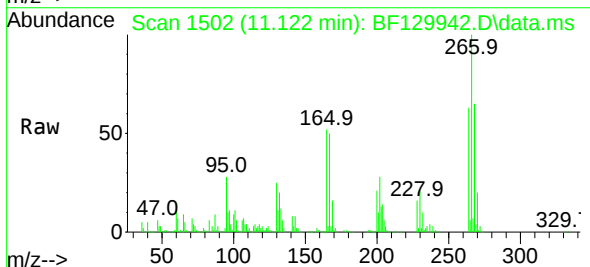
Tgt Ion:200 Resp: 257729
Ion Ratio Lower Upper
200 100
173 26.2 6.4 46.4
215 44.2 27.1 67.1

Manual Integrations
APPROVED

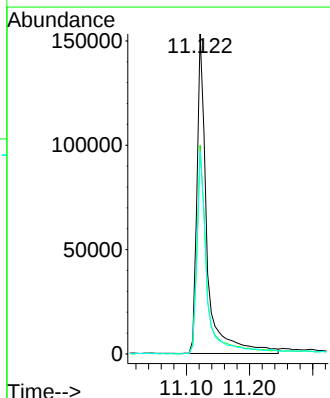
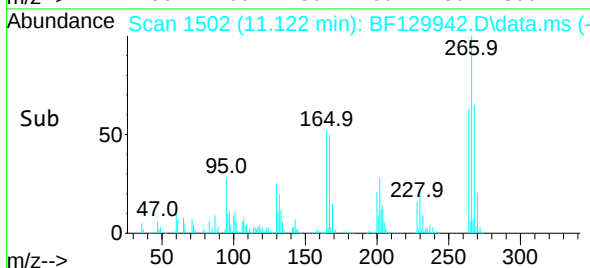
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

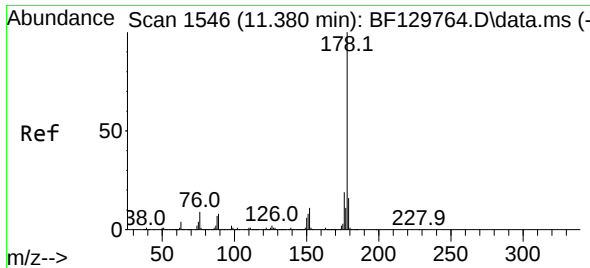


#70
Pentachlorophenol
Concen: 84.104 ng
RT: 11.122 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



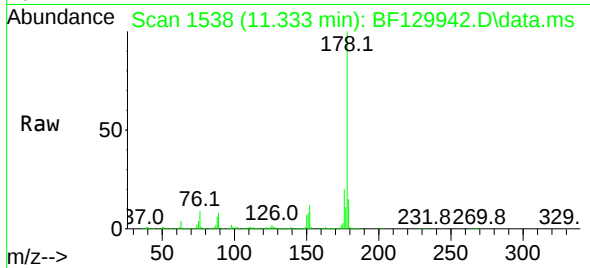
Tgt Ion:266 Resp: 169215
Ion Ratio Lower Upper
266 100
268 65.2 49.0 73.4
264 63.2 47.9 71.9





#71
Phenanthrene
Concen: 42.394 ng
RT: 11.333 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

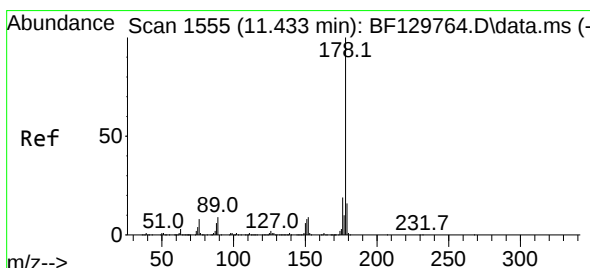
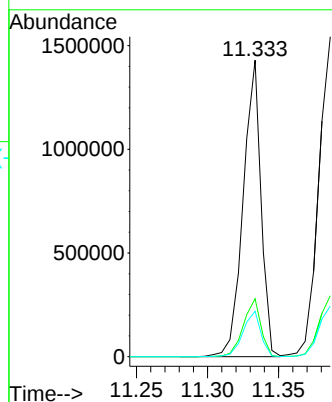
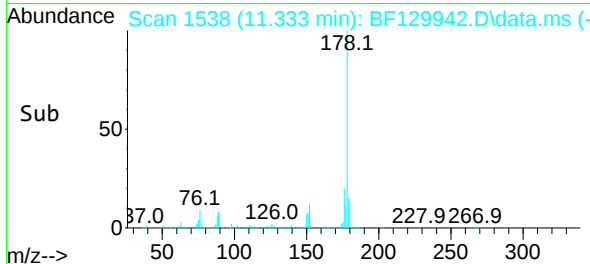
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



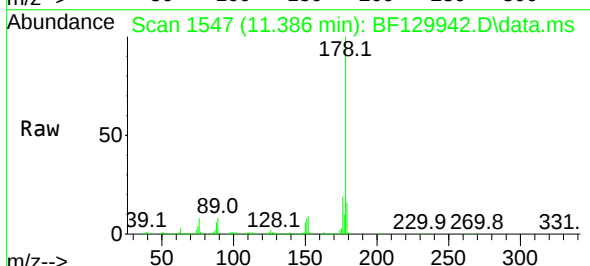
Tgt Ion:178 Resp: 1248380
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.3 12.5 18.7

Manual Integrations
APPROVED

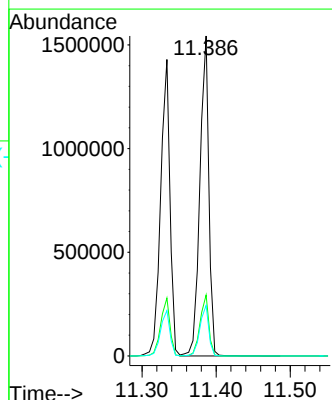
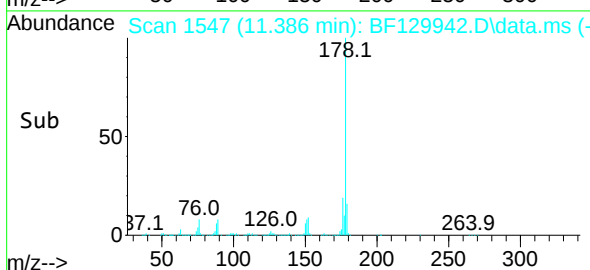
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

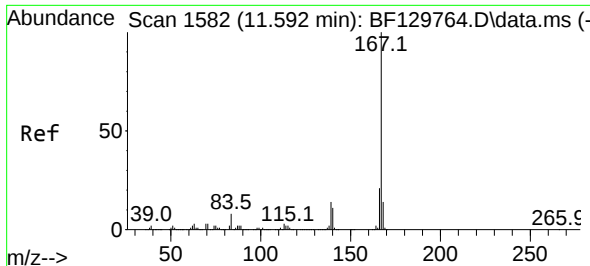


#72
Anthracene
Concen: 44.058 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



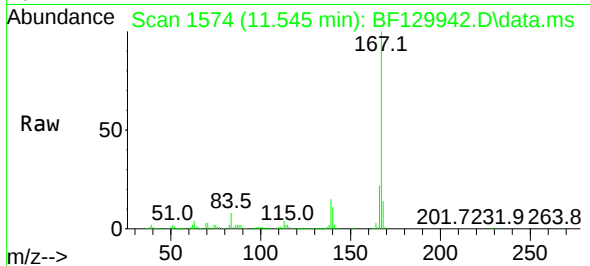
Tgt Ion:178 Resp: 1290171
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.8 12.6 18.8





#73
Carbazole
Concen: 43.332 ng
RT: 11.545 min Scan# 115187
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

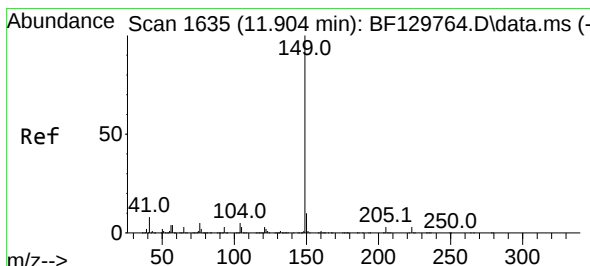
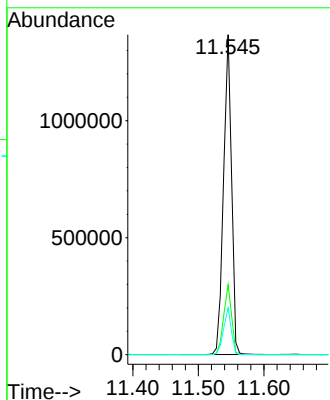
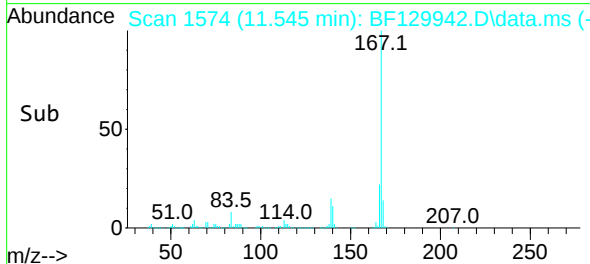
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



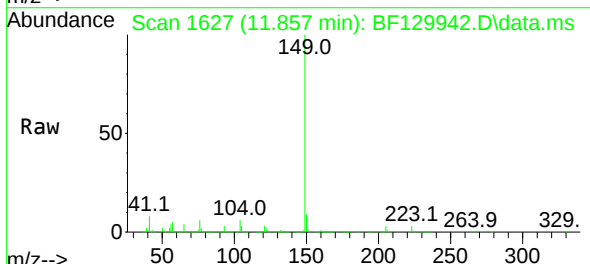
Tgt Ion:167 Resp: 115187
Ion Ratio Lower Upper
167 100
166 21.8 17.1 25.7
139 14.7 11.0 16.6

Manual Integrations
APPROVED

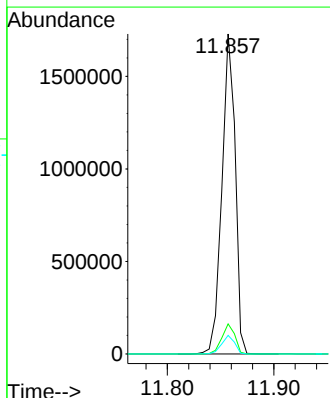
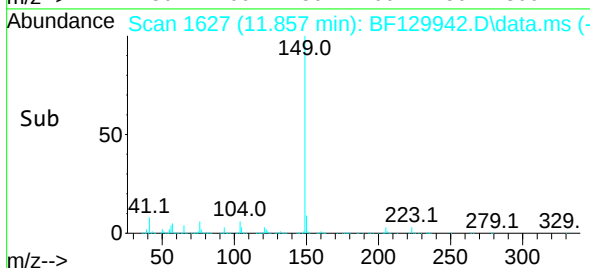
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

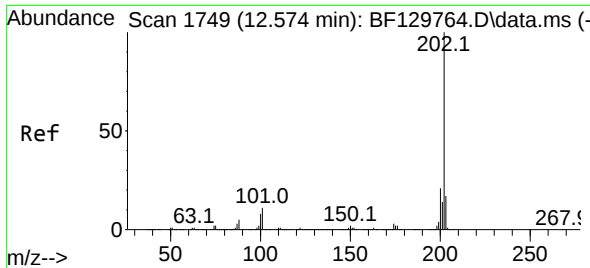


#74
Di-n-butylphthalate
Concen: 43.584 ng
RT: 11.857 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



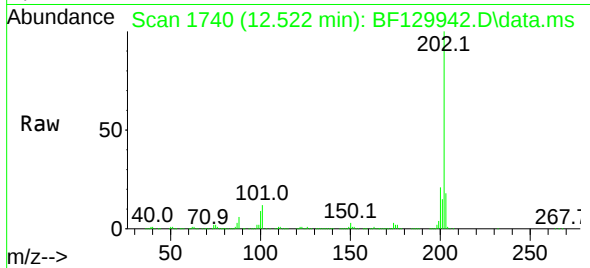
Tgt Ion:149 Resp: 1491099
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.8 4.2 6.4





#75
Fluoranthene
Concen: 42.717 ng
RT: 12.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

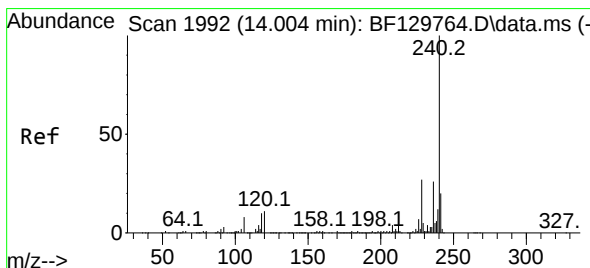
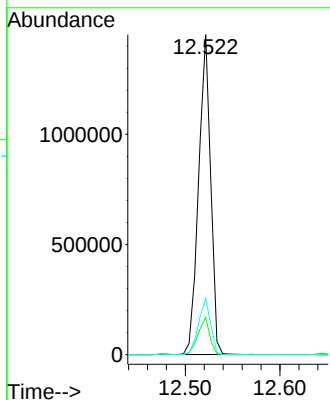
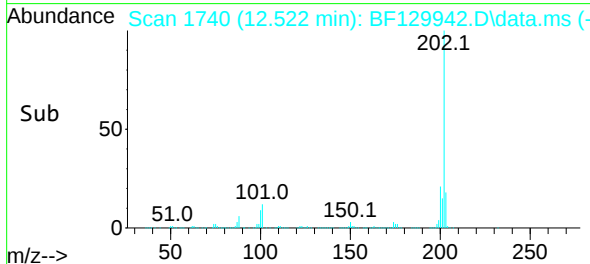
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



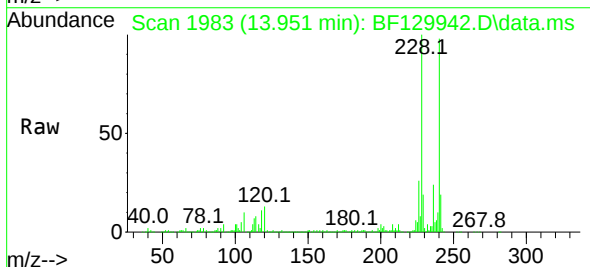
Tgt Ion:202 Resp: 1287170
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 17.6 0.0 37.5

Manual Integrations
APPROVED

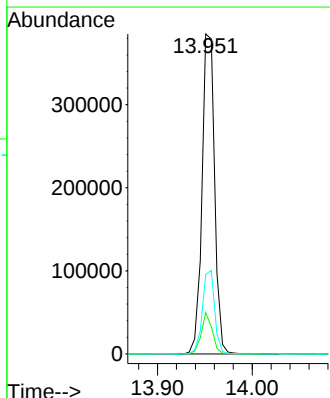
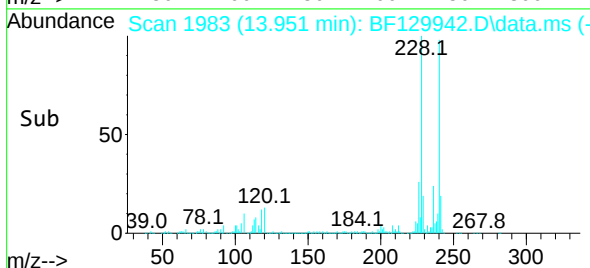
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

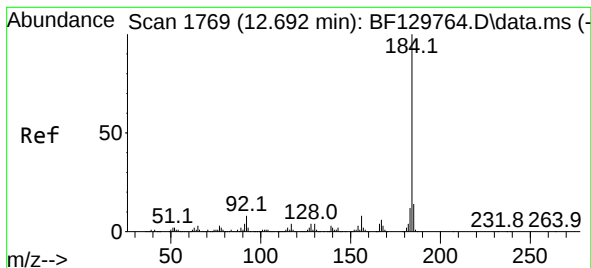


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:240 Resp: 357312
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 24.8 20.7 31.1





#77

Benzidine

Concen: 64.476 ng

RT: 12.645 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

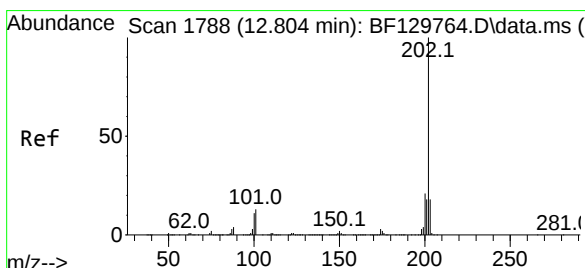
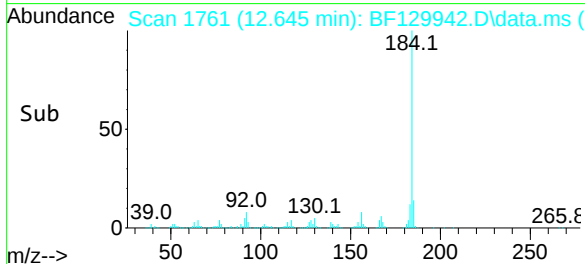
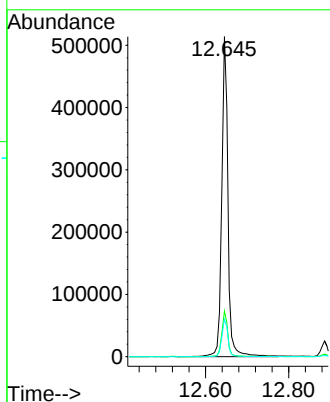
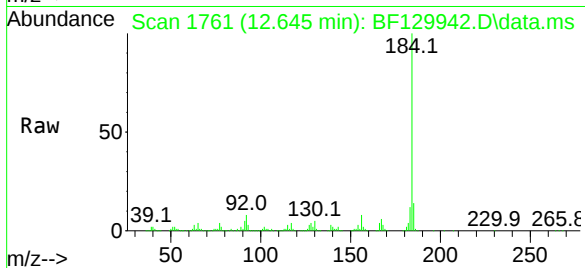
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Tgt Ion:	184	Resp:	533074
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.2
183	11.8	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#78

Pyrene

Concen: 41.514 ng

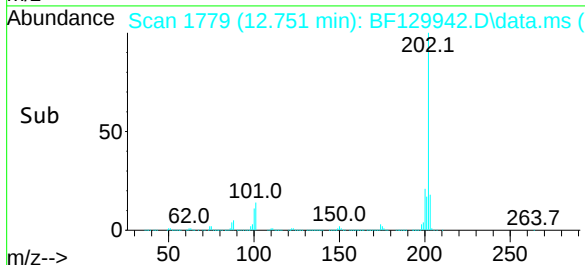
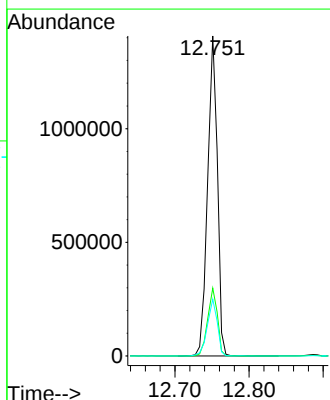
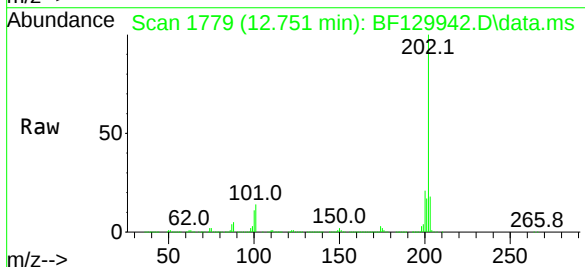
RT: 12.751 min Scan# 1779

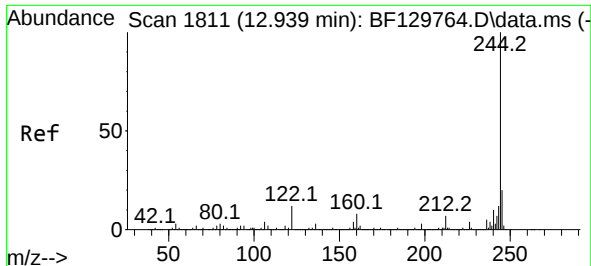
Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Tgt Ion:	202	Resp:	1289010
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	17.8	14.1	21.1





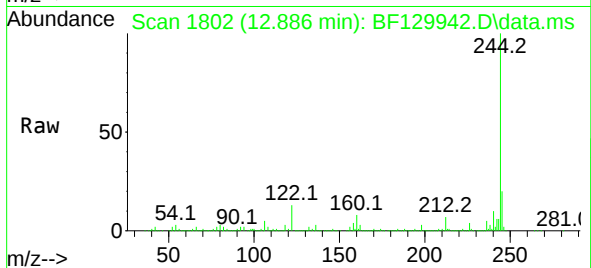
#79
Terphenyl-d14
Concen: 75.280 ng
RT: 12.886 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

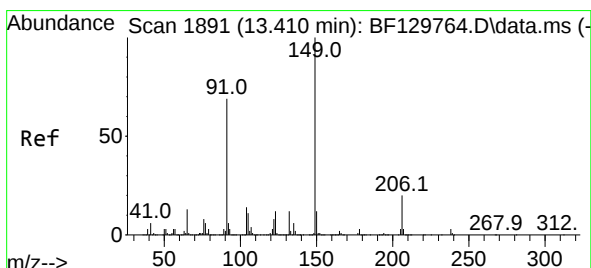
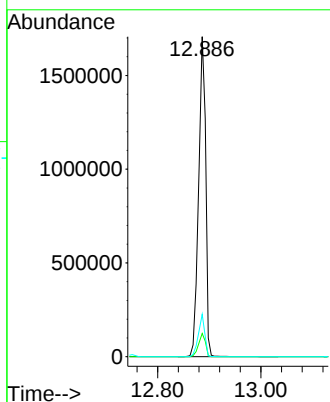
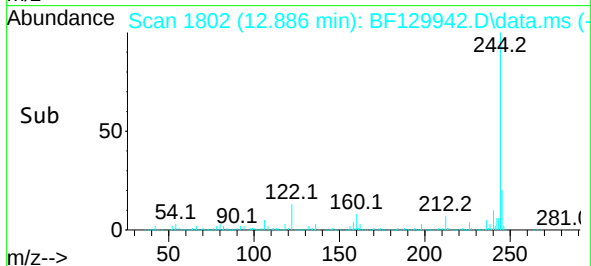


Tgt Ion:244 Resp: 161656
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.3 9.9 14.9

Manual Integrations

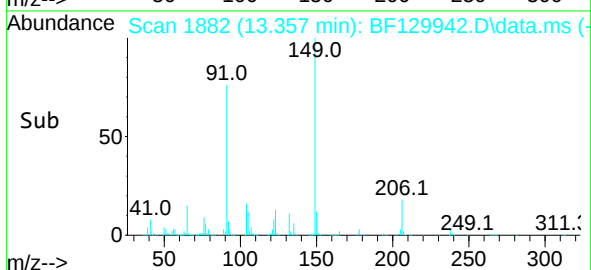
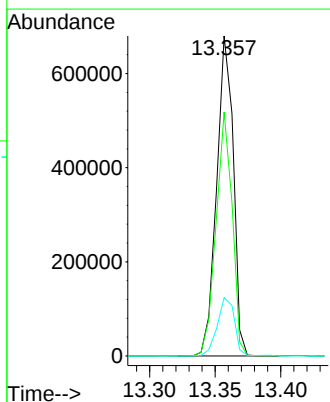
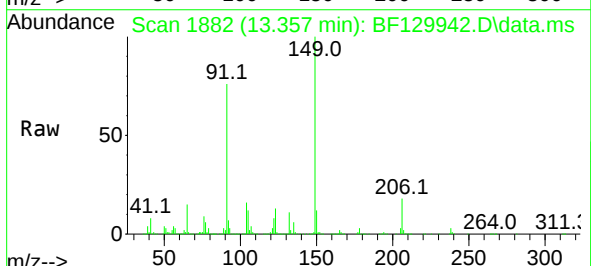
APPROVED

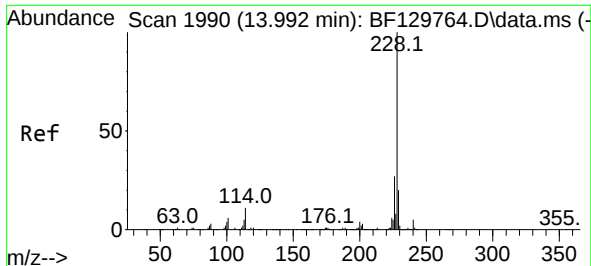
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#80
Butylbenzylphthalate
Concen: 45.602 ng
RT: 13.357 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

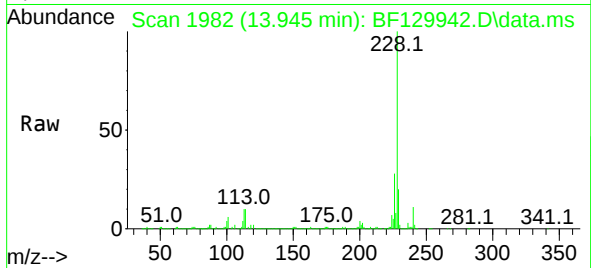
Tgt Ion:149 Resp: 599148
Ion Ratio Lower Upper
149 100
91 76.3 55.4 83.0
206 18.3 15.8 23.6





#81
Benzo(a)anthracene
Concen: 41.808 ng
RT: 13.945 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

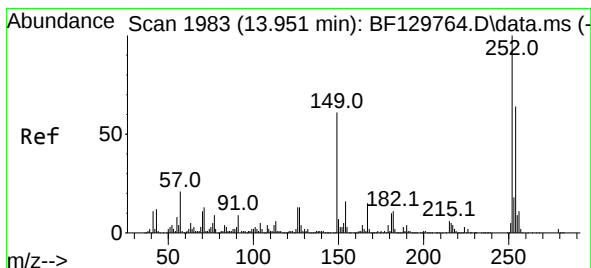
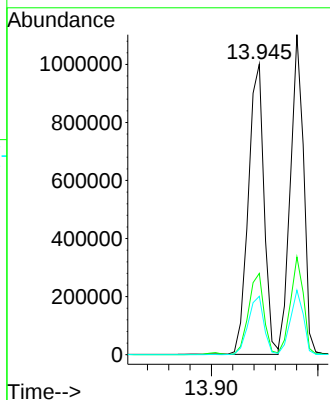
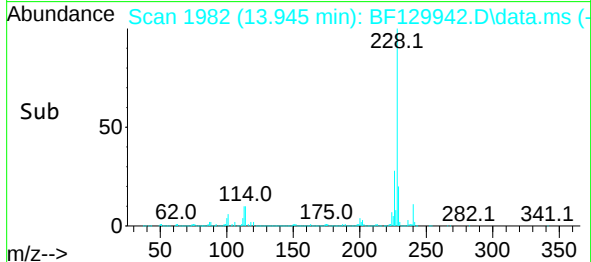
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



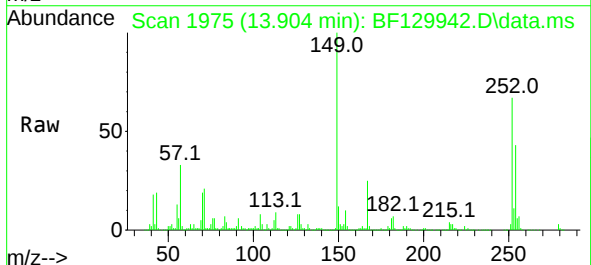
Tgt Ion:228 Resp: 102762
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.1 16.1 24.1

Manual Integrations
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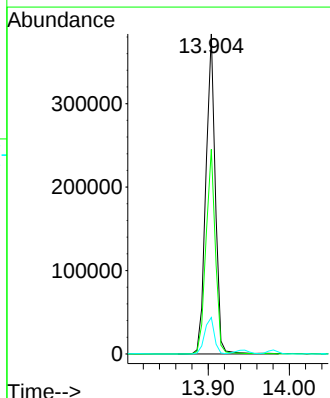
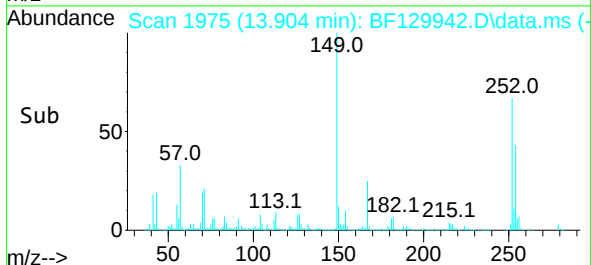
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

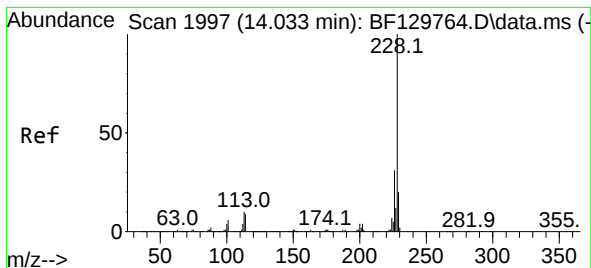


#82
3,3'-Dichlorobenzidine
Concen: 40.463 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:252 Resp: 308025
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.2
126 11.4 10.2 15.4





#83

Chrysene

Concen: 41.480 ng

RT: 13.980 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

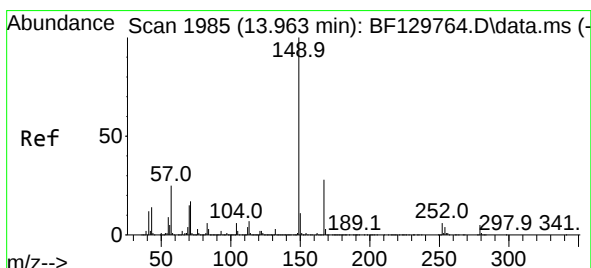
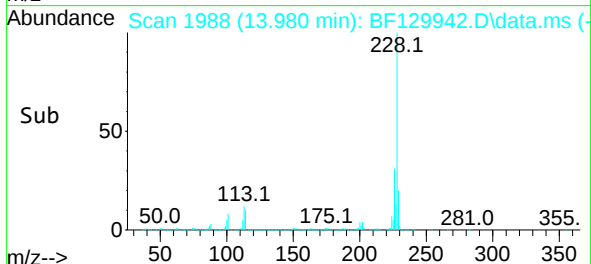
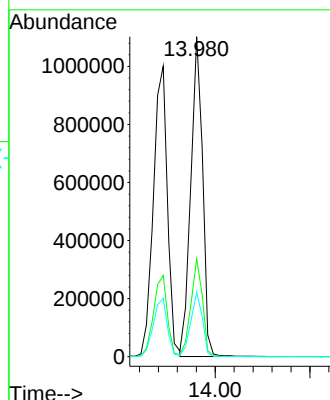
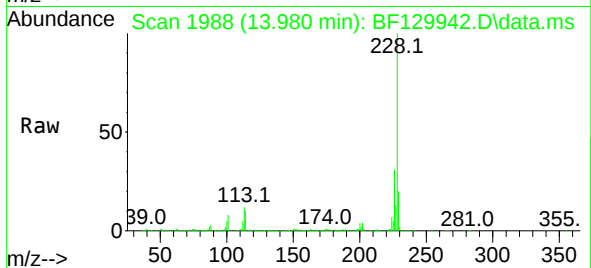
Tgt Ion:228 Resp: 954384

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.639 ng

RT: 13.910 min Scan# 1976

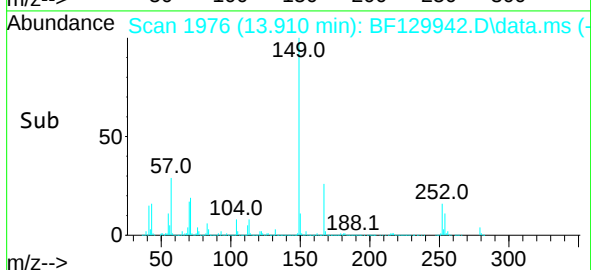
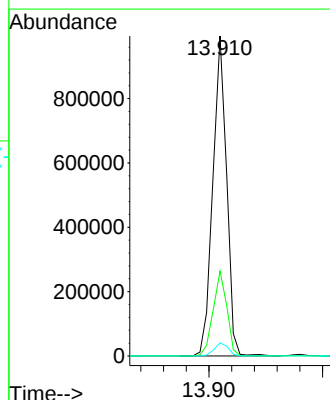
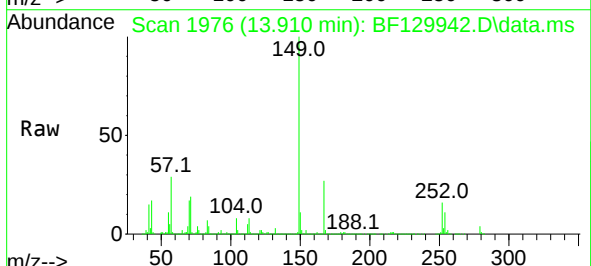
Delta R.T. 0.000 min

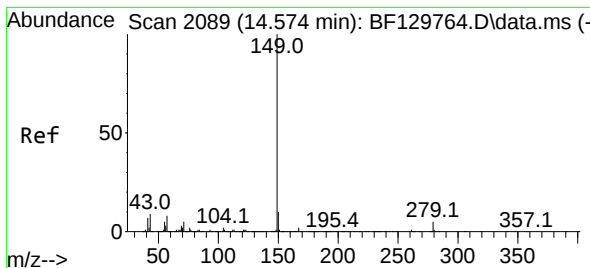
Lab File: BF129942.D

Acq: 22 Aug 2022 16:04

Tgt Ion:149 Resp: 836116

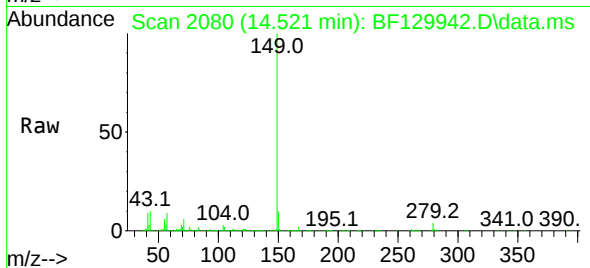
Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.0	33.0
279	4.1	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 56.479 ng
RT: 14.521 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

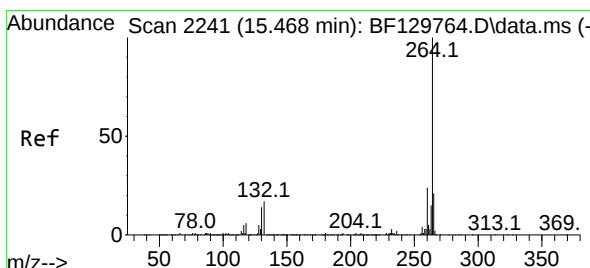
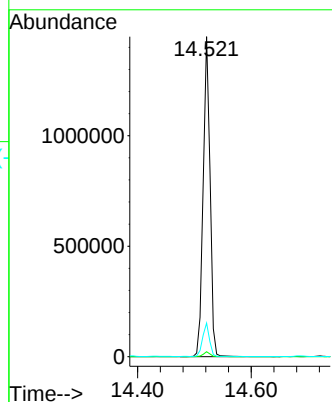
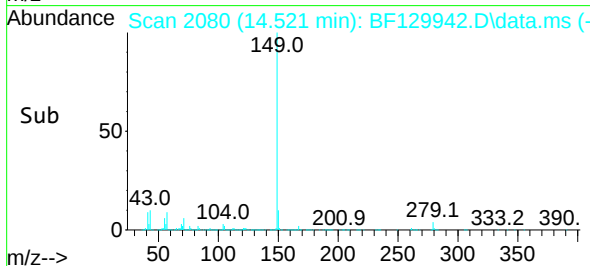
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



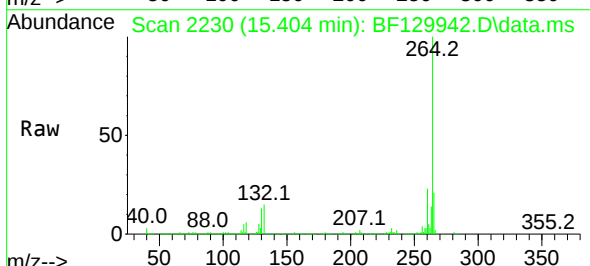
Tgt Ion:149 Resp: 1215318
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.5 7.8 11.6

Manual Integrations
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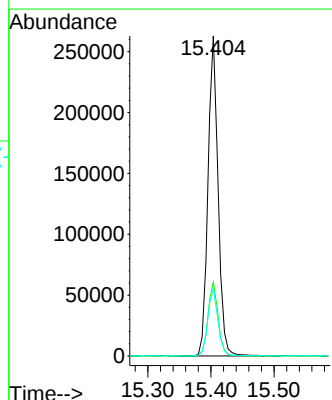
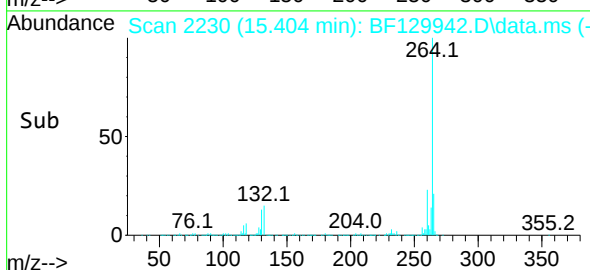
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

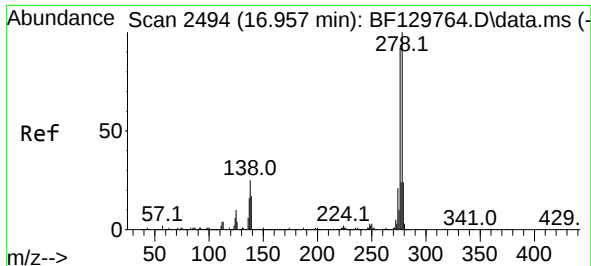


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:264 Resp: 293219
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.1 16.7 25.1





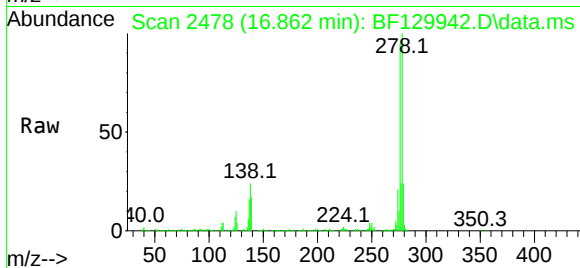
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.381 ng
 RT: 16.862 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BF129942.D
 Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

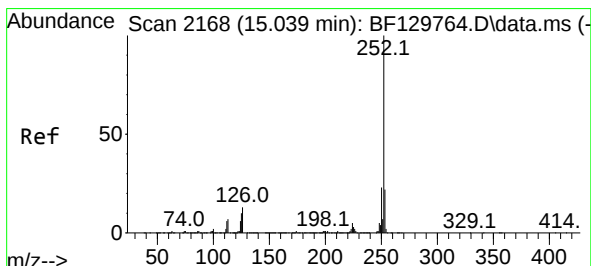
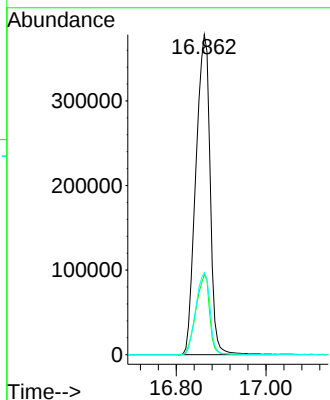
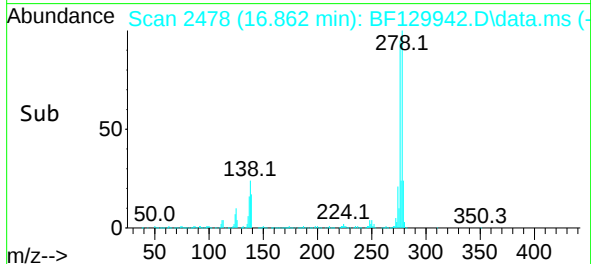
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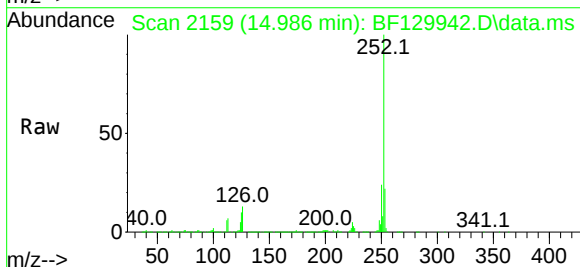
Tgt Ion: 276 Resp: 832989
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.8 29.8
 277 25.5 20.4 30.6

Manual Integrations
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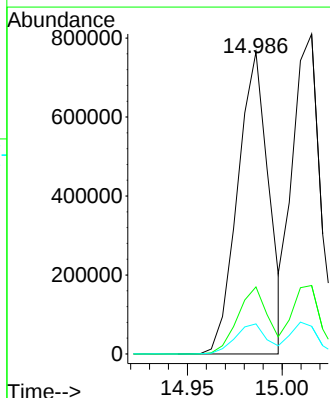
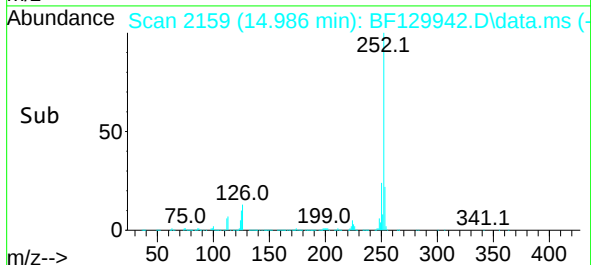
Reviewed By : Christian Giraldo 08/23/2022
 Supervised By : Sohil Jodhani 08/23/2022

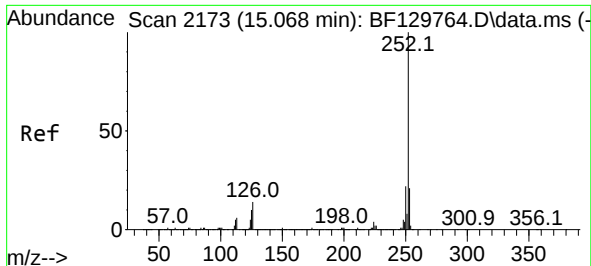


#88
 Benzo(b)fluoranthene
 Concen: 43.484 ng
 RT: 14.986 min Scan# 2159
 Delta R.T. 0.006 min
 Lab File: BF129942.D
 Acq: 22 Aug 2022 16:04



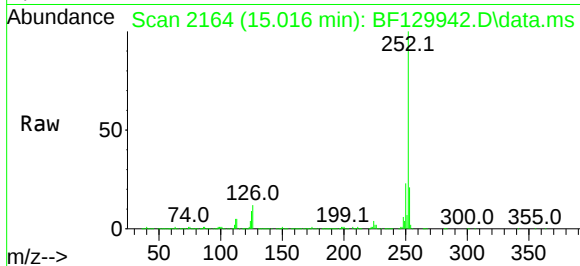
Tgt Ion: 252 Resp: 873089
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.9 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 42.621 ng
RT: 15.016 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

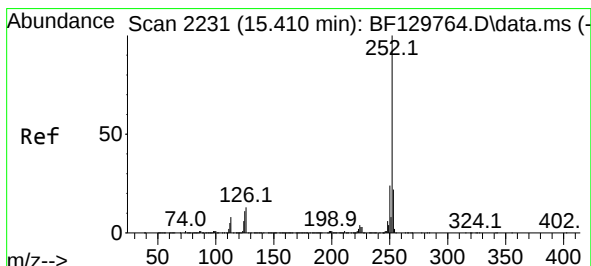
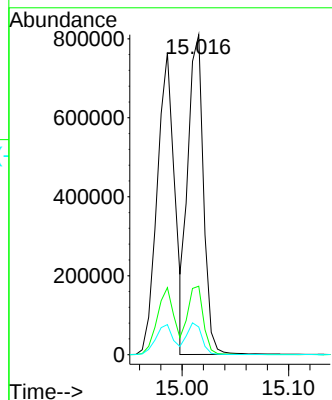
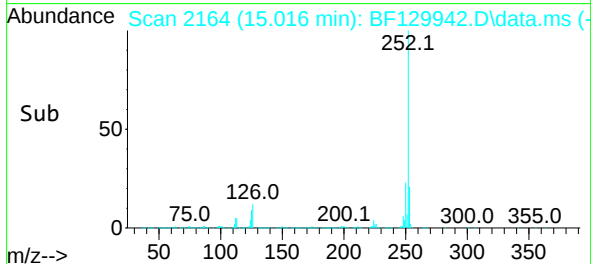
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMSD



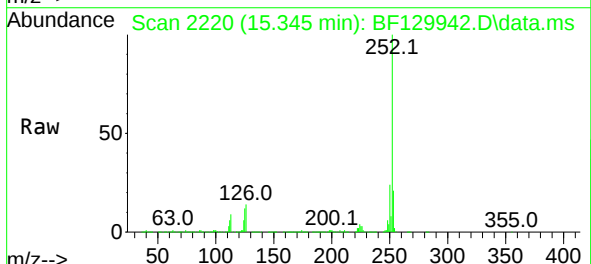
Tgt Ion:252 Resp: 82068
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 8.7 8.3 12.5

Manual Integrations
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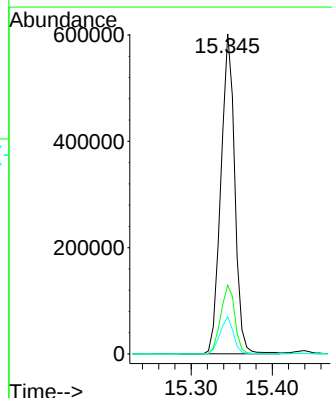
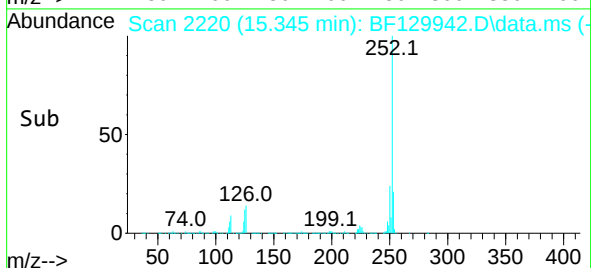
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

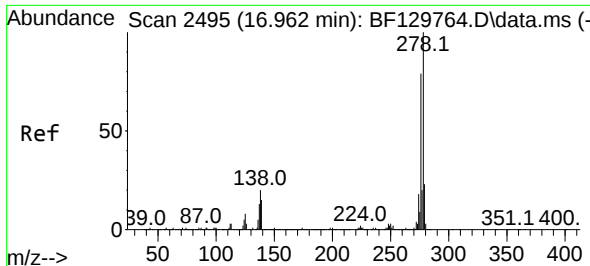


#90
Benzo(a)pyrene
Concen: 45.340 ng
RT: 15.345 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:252 Resp: 716900
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 11.6 8.8 13.2





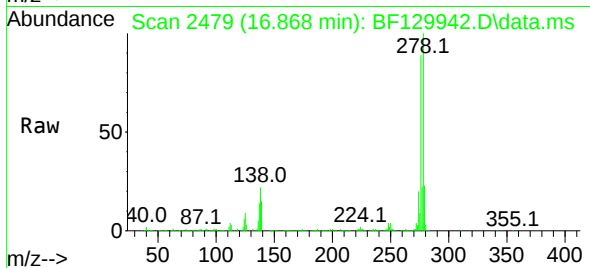
#91
Dibenzo(a,h)anthracene
Concen: 43.448 ng
RT: 16.868 min Scan# 2495
Delta R.T. 0.012 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMSD

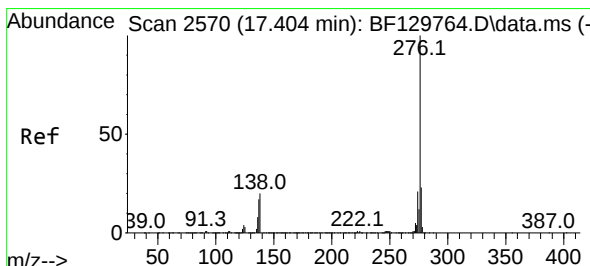
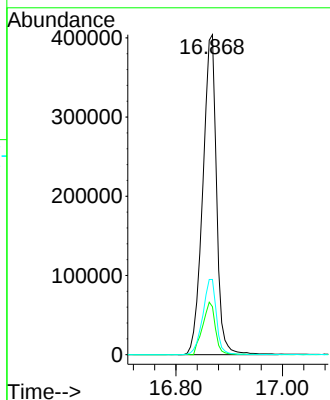
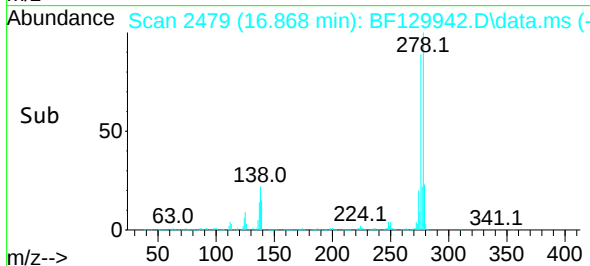


Tgt Ion:278 Resp: 721640
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.4
279 23.5 18.7 28.1

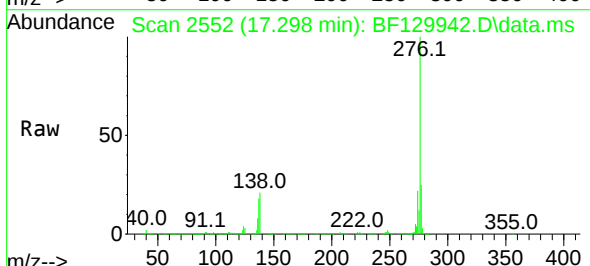
Manual Integrations

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Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#92
Benzo(g,h,i)perylene
Concen: 43.174 ng
RT: 17.298 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF129942.D
Acq: 22 Aug 2022 16:04



Tgt Ion:276 Resp: 715416
Ion Ratio Lower Upper
276 100
277 24.7 18.2 27.4
138 21.0 15.8 23.8

