

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141912.D
 Acq On : 11 Mar 2025 12:51
 Operator : RC/JU
 Sample : PB167012BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167012BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 13:13:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

03/12/2025
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	184657	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	747989	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	446834	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	767875	20.000	ng	0.00
76) Chrysene-d12	14.039	240	492551	20.000	ng	0.00
86) Perylene-d12	15.509	264	412337	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1410034	127.441	ng	0.02
7) Phenol-d6	6.504	99	1768099	125.511	ng	0.00
23) Nitrobenzene-d5	7.445	82	1176171	88.491	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	786997	138.833	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2509203	85.401	ng	0.00
79) Terphenyl-d14	12.986	244	3144530	94.387	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	176154	37.998	ng	99
3) Pyridine	3.528	79	414716	36.469	ng	100
4) n-Nitrosodimethylamine	3.469	42	216070	39.860	ng	99
6) Aniline	6.545	93	528502	38.030	ng	100
8) 2-Chlorophenol	6.663	128	525492	42.824	ng	100
9) Benzaldehyde	6.428	77	173950	22.079	ng	100
10) Phenol	6.522	94	624057	42.109	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	460410	41.373	ng	99
12) 1,3-Dichlorobenzene	6.822	146	539092	40.693	ng	99
13) 1,4-Dichlorobenzene	6.898	146	553694	41.308	ng	99
14) 1,2-Dichlorobenzene	7.051	146	530249	41.999	ng	98
15) Benzyl Alcohol	7.016	79	467000	41.006	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	545528	40.606	ng	99
17) 2-Methylphenol	7.128	107	433101	44.390	ng	99
18) Hexachloroethane	7.392	117	206361	41.055	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	368389	40.698	ng	99
20) 3+4-Methylphenols	7.281	107	538615	43.099	ng	# 89
22) Acetophenone	7.286	105	796984	44.493	ng	96
24) Nitrobenzene	7.463	77	547931	41.468	ng	99
25) Isophorone	7.698	82	1031311	43.895	ng	100
26) 2-Nitrophenol	7.775	139	280000	43.176	ng	99
27) 2,4-Dimethylphenol	7.810	122	477228	53.443	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	605810	41.111	ng	99
29) 2,4-Dichlorophenol	8.016	162	470568	42.455	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	490890	40.188	ng	100
31) Naphthalene	8.180	128	1543197	40.163	ng	100
32) Benzoic acid	7.928	122	380831	48.517	ng	99
33) 4-Chloroaniline	8.228	127	269648	19.880	ng	98
34) Hexachlorobutadiene	8.298	225	326107	40.938	ng	99
35) Caprolactam	8.598	113	163653m	48.429	ng	
36) 4-Chloro-3-methylphenol	8.710	107	530526	42.909	ng	98
37) 2-Methylnaphthalene	8.875	142	1018669	39.664	ng	99
38) 1-Methylnaphthalene	8.975	142	1006929	40.630	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	592823	43.576	ng	97
41) Hexachlorocyclopentadiene	9.027	237	761350	142.999	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	377685	42.480	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	378302	42.011	ng	98
46) 1,1'-Biphenyl	9.339	154	1506272	44.366	ng	100
47) 2-Chloronaphthalene	9.363	162	1033961	40.859	ng	99
48) 2-Nitroaniline	9.457	65	315690	43.086	ng	99
49) Acenaphthylene	9.780	152	1615328	43.015	ng	100
50) Dimethylphthalate	9.639	163	1304333	41.684	ng	100
51) 2,6-Dinitrotoluene	9.698	165	284720	43.702	ng	98
52) Acenaphthene	9.951	154	1210769	45.880	ng	99
53) 3-Nitroaniline	9.869	138	185407	28.055	ng	98
54) 2,4-Dinitrophenol	9.974	184	305424	82.304	ng	# 48
55) Dibenzofuran	10.122	168	1492523	39.581	ng	100
56) 4-Nitrophenol	10.027	139	461921	92.685	ng	97
57) 2,4-Dinitrotoluene	10.104	165	390807	45.927	ng	100
58) Fluorene	10.469	166	1188252	40.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	346049	42.232	ng	100
60) Diethylphthalate	10.339	149	1299882	41.662	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	629696	41.535	ng	98
62) 4-Nitroaniline	10.486	138	275869	42.878	ng	98
63) Azobenzene	10.616	77	1162629	40.080	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	198679	43.402	ng	100
66) n-Nitrosodiphenylamine	10.580	169	1055983	42.496	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	402742	41.763	ng	96
68) Hexachlorobenzene	11.016	284	460847	43.571	ng	95
69) Atrazine	11.104	200	435190	57.129	ng	99
70) Pentachlorophenol	11.204	266	557141	85.494	ng	100
71) Phenanthrene	11.427	178	1762158	42.487	ng	100
72) Anthracene	11.480	178	1787717	42.963	ng	100
73) Carbazole	11.633	167	1505049	41.940	ng	99
74) Di-n-butylphthalate	11.963	149	1956127	41.081	ng	100
75) Fluoranthene	12.615	202	1792812	40.750	ng	100
77) Benzidine	12.733	184	544235	79.196	ng	99
78) Pyrene	12.845	202	1775108	41.663	ng	100
80) Butylbenzylphthalate	13.462	149	719394	43.139	ng	99
81) Benzo(a)anthracene	14.027	228	1428951	44.211	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	281380	30.125	ng	99
83) Chrysene	14.068	228	1187792	40.541	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	991942	43.141	ng	100
85) Di-n-octyl phthalate	14.633	149	1411316	44.114	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1167143	43.757	ng	99
88) Benzo(b)fluoranthene	15.080	252	1095375	38.761	ng	100
89) Benzo(k)fluoranthene	15.109	252	1076737	44.523	ng	100
90) Benzo(a)pyrene	15.451	252	1004550	45.430	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	961369	43.683	ng	100
92) Benzo(g,h,i)perylene	17.450	276	878097	40.376	ng	98

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

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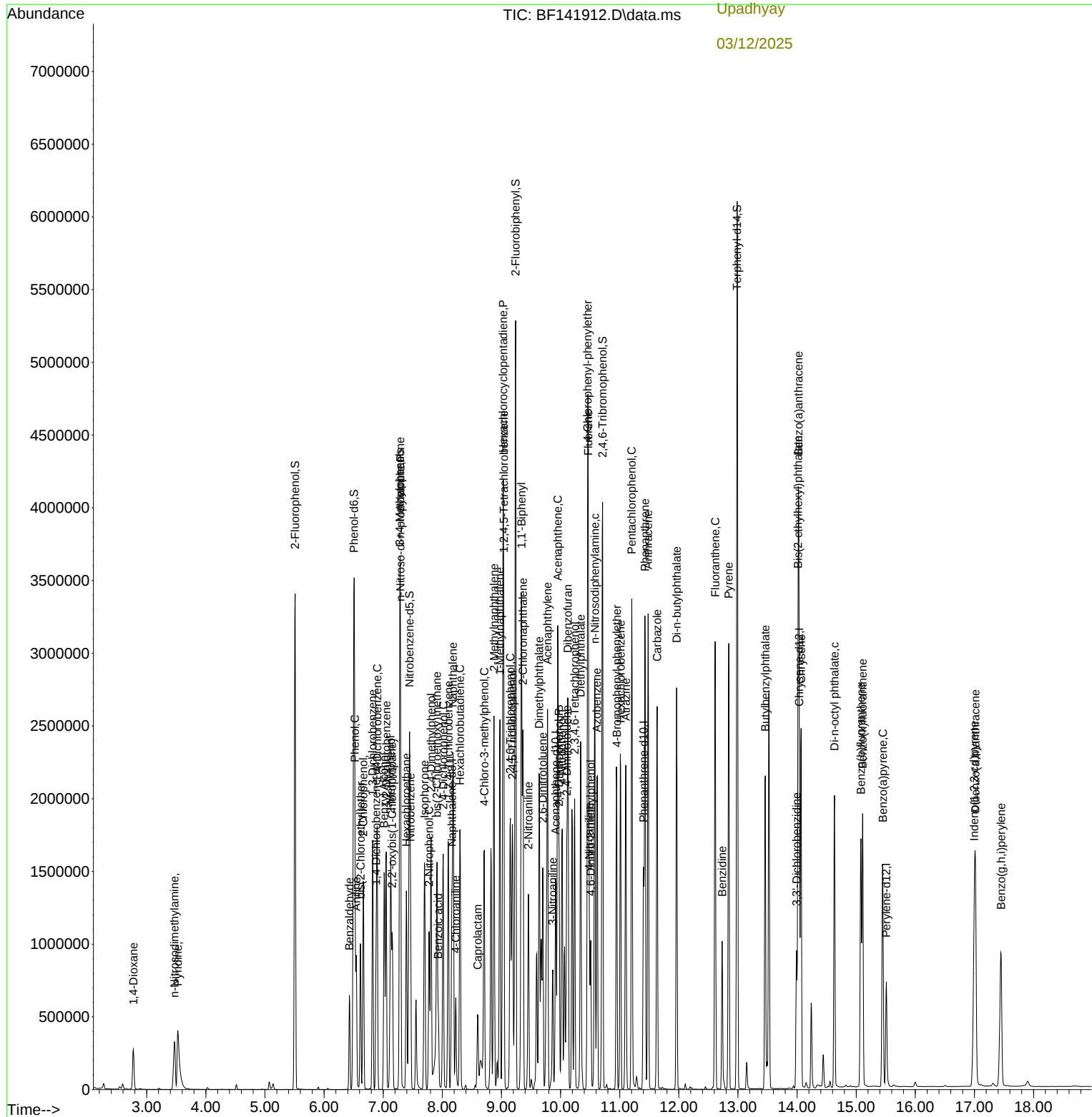
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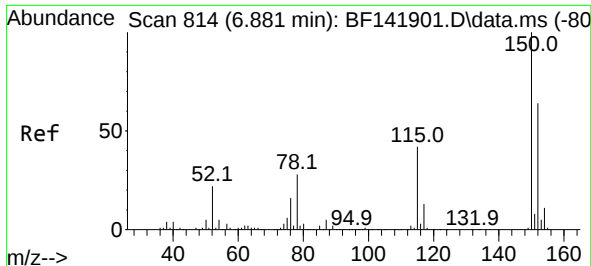
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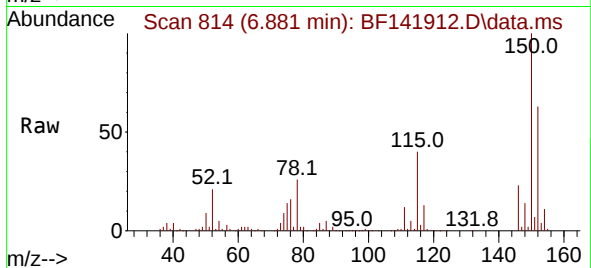
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141912.D
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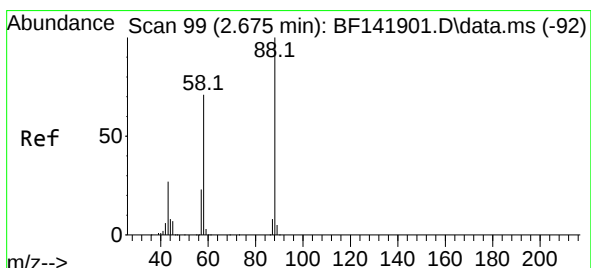
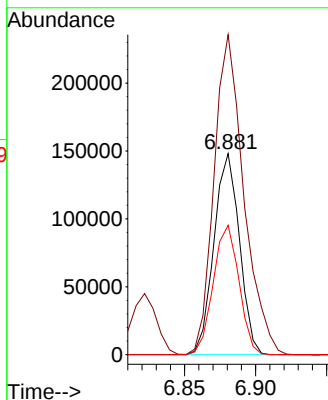
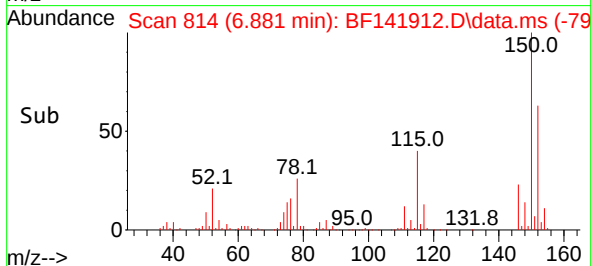
Tgt Ion:152 Resp: 18465
Ion Ratio Lower Upper
152 100
150 159.1 127.4 191.2
115 64.4 51.9 77.9

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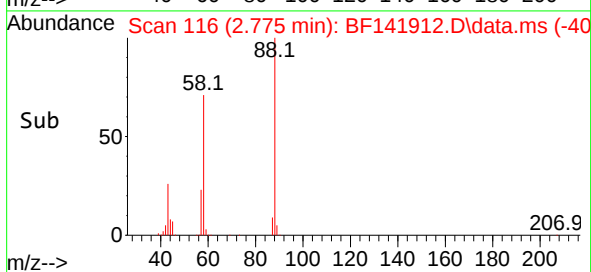
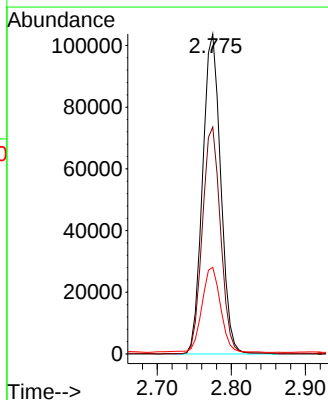
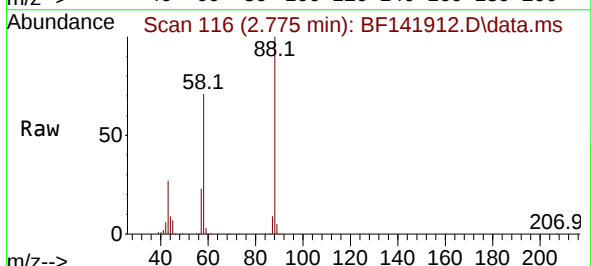
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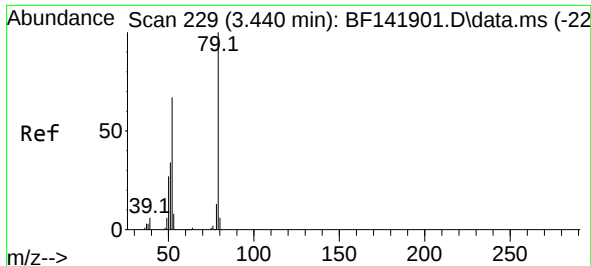
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#2
1,4-Dioxane
Concen: 37.998 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.100 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

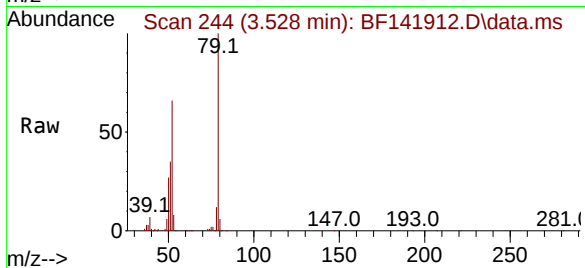
Tgt Ion: 88 Resp: 176154
Ion Ratio Lower Upper
88 100
58 71.0 57.4 86.2
43 27.6 21.5 32.3





#3
Pyridine
Concen: 36.469 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.088 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

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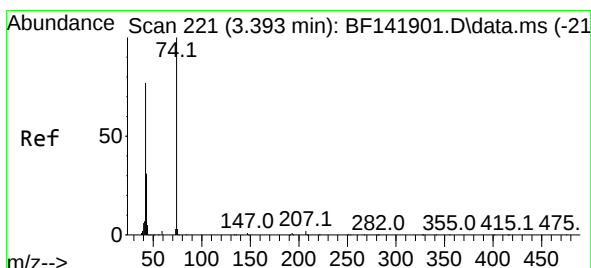
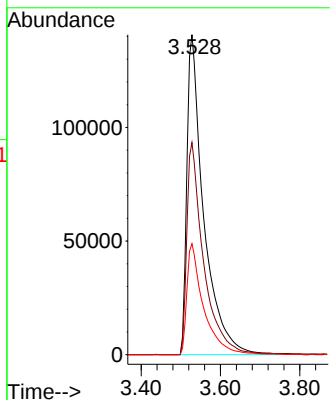
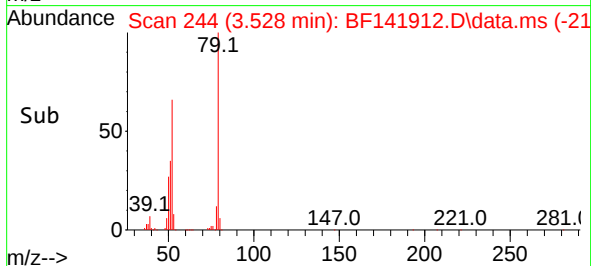
Tgt Ion: 79 Resp: 414710
Ion Ratio Lower Upper
79 100
52 66.3 53.3 79.9
51 34.7 27.6 41.4

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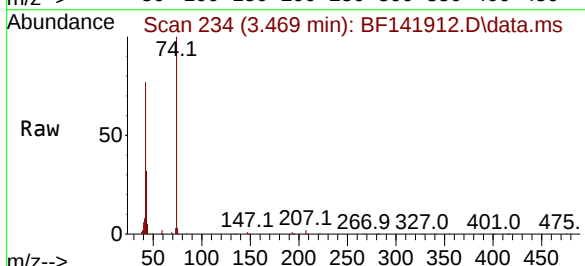
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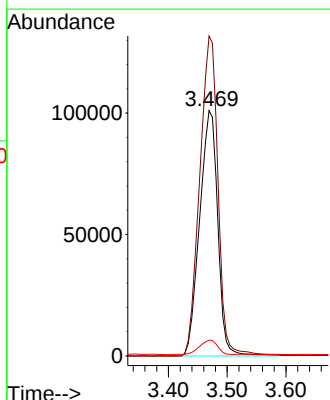
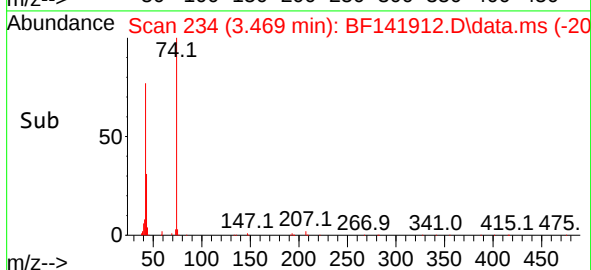
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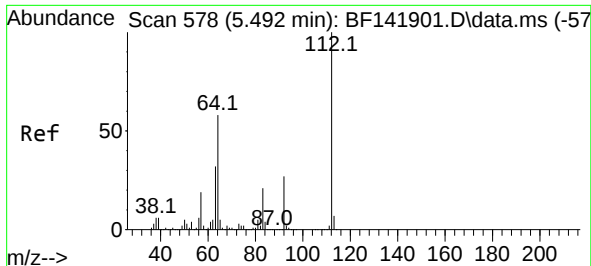


#4
n-Nitrosodimethylamine
Concen: 39.860 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.076 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



Tgt Ion: 42 Resp: 216070
Ion Ratio Lower Upper
42 100
74 130.3 103.4 155.0
44 6.4 5.0 7.4





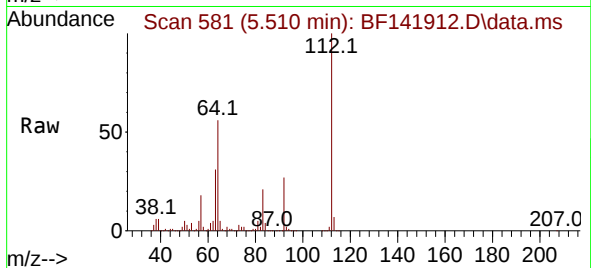
#5
2-Fluorophenol
Concen: 127.441 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

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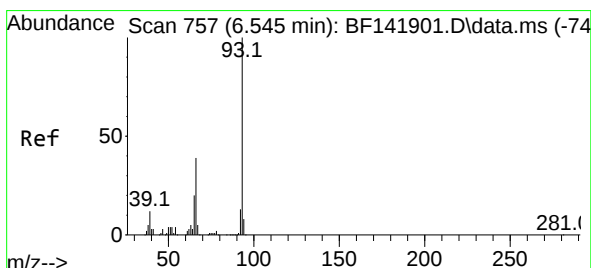
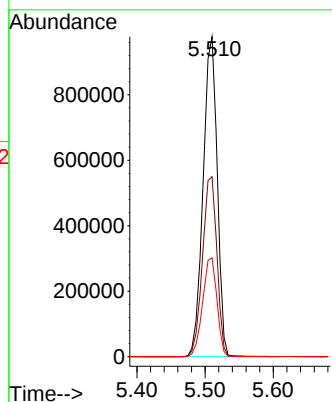
Tgt Ion: 112 Resp: 1410034
Ion Ratio Lower Upper
112 100
64 56.2 46.5 69.7
63 30.9 25.4 38.2

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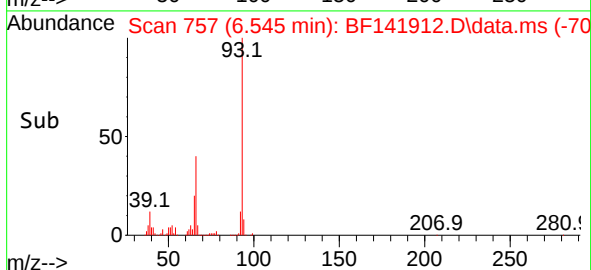
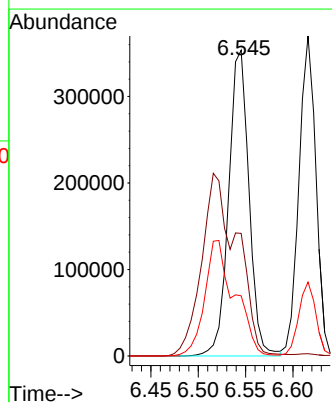
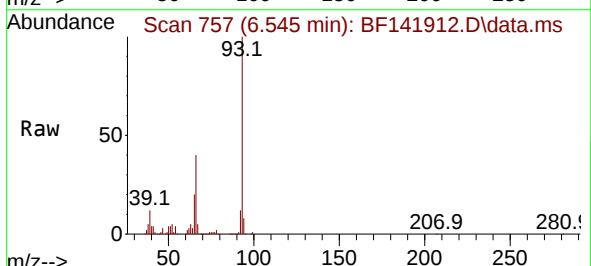
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#6
Aniline
Concen: 38.030 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF141912.D
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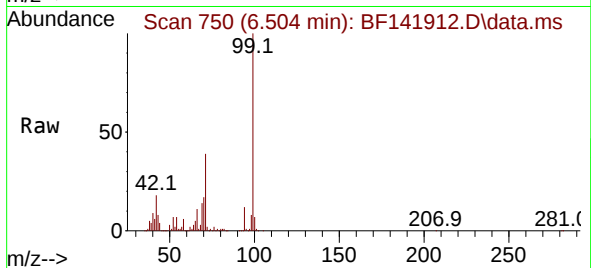
Tgt Ion: 93 Resp: 528502
Ion Ratio Lower Upper
93 100
66 40.1 31.9 47.9
65 19.7 15.8 23.6





#7
Phenol-d6
Concen: 125.511 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF141912.D
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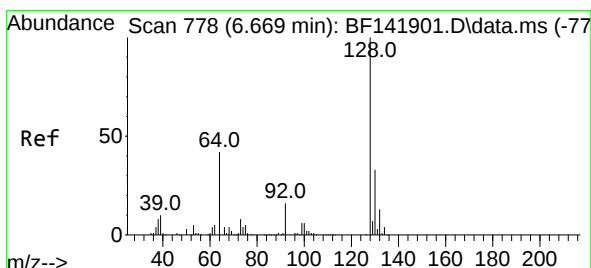
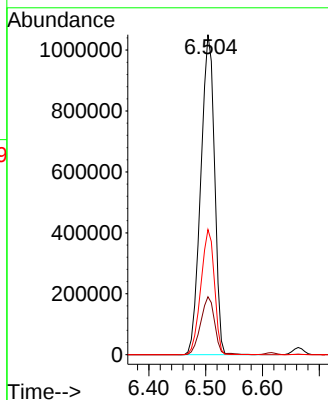
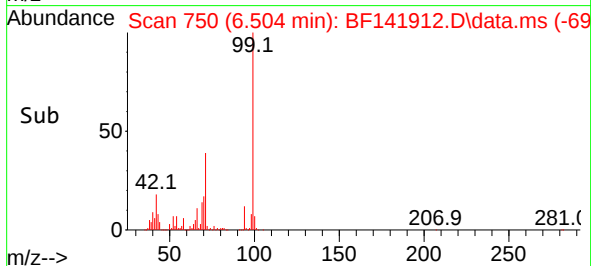
Tgt Ion: 99 Resp: 1768099
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 39.1 30.8 46.2

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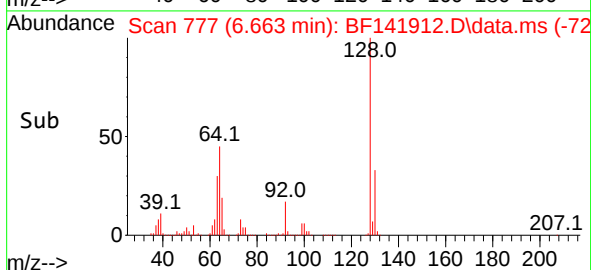
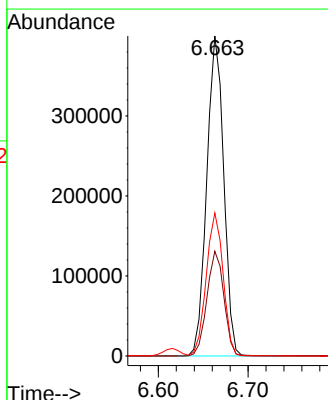
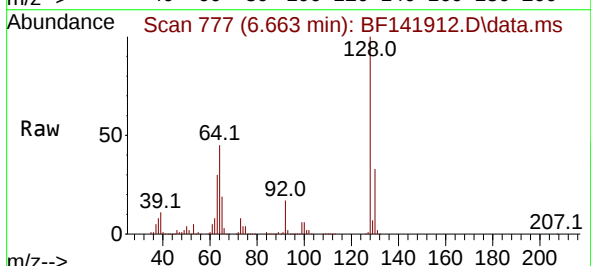
03/12/2025
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#8
2-Chlorophenol
Concen: 42.824 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

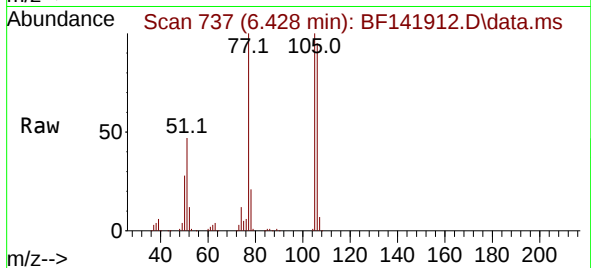
Tgt Ion:128 Resp: 525492
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 44.7 24.4 64.4





#9
Benzaldehyde
Concen: 22.079 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.006 min
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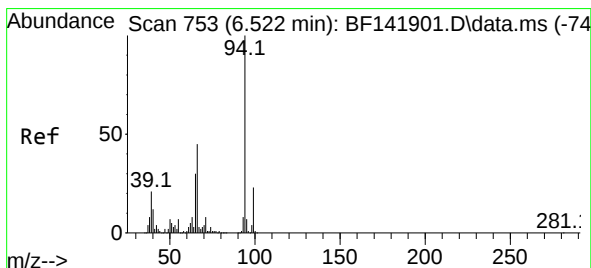
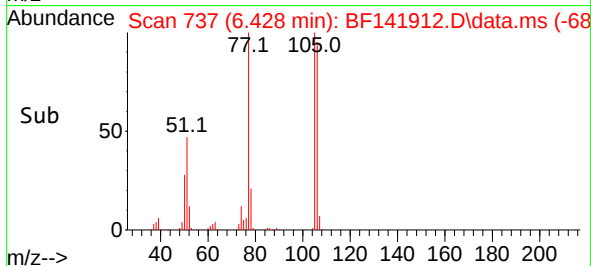
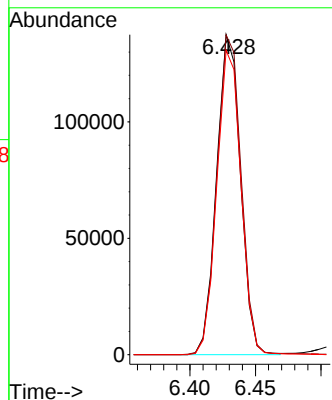
Tgt Ion: 77 Resp: 173950
Ion Ratio Lower Upper
77 100
105 99.9 80.0 120.0
106 95.1 74.5 114.5

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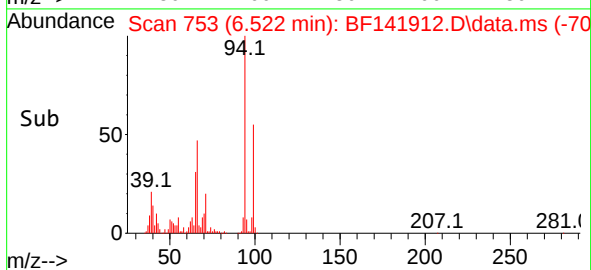
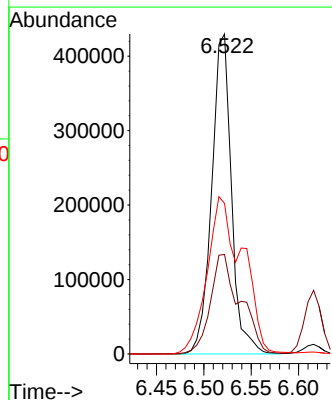
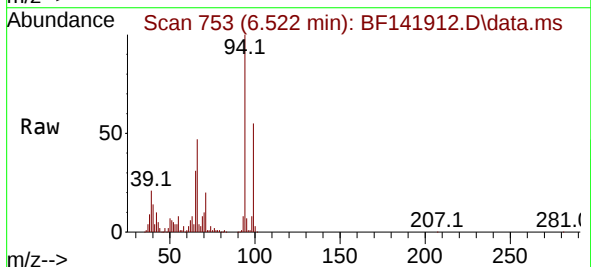
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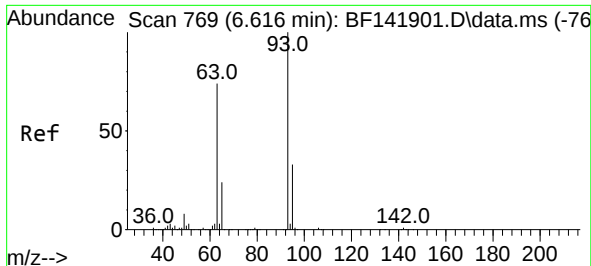
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#10
Phenol
Concen: 42.109 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion: 94 Resp: 624057
Ion Ratio Lower Upper
94 100
65 31.1 10.5 50.5
66 47.1 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 41.373 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS

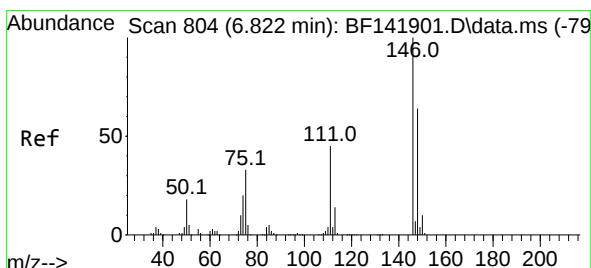
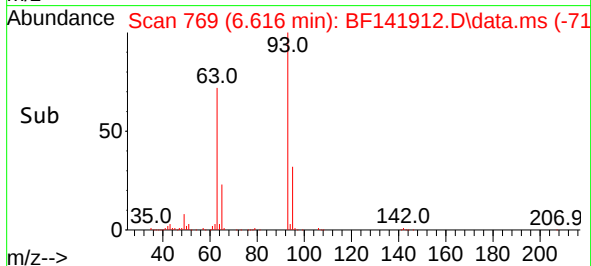
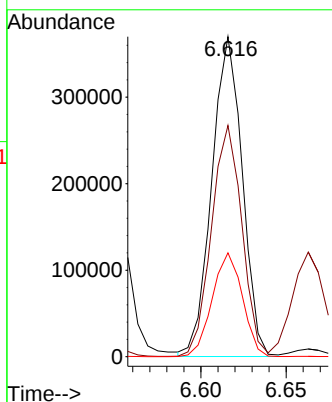
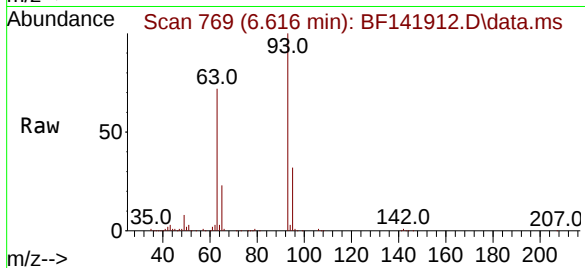
Tgt Ion: 93 Resp: 460410
Ion Ratio Lower Upper
93 100
63 72.3 53.0 93.0
95 32.4 12.9 52.9

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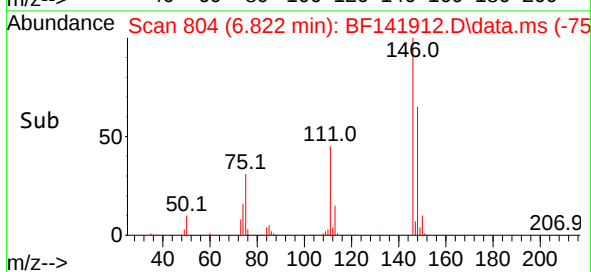
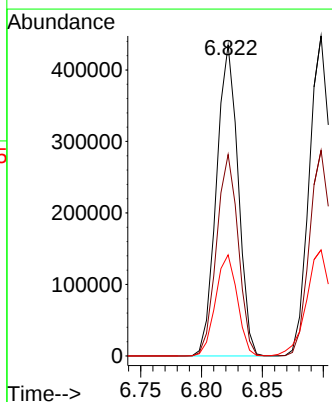
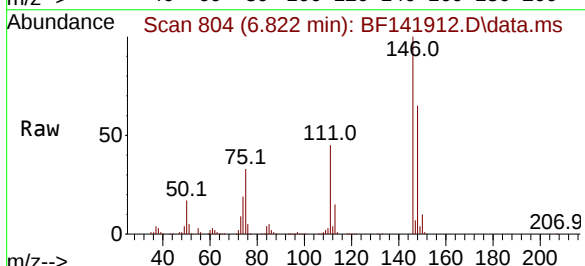
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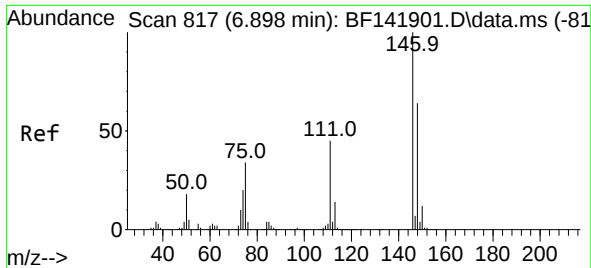
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#12
1,3-Dichlorobenzene
Concen: 40.693 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

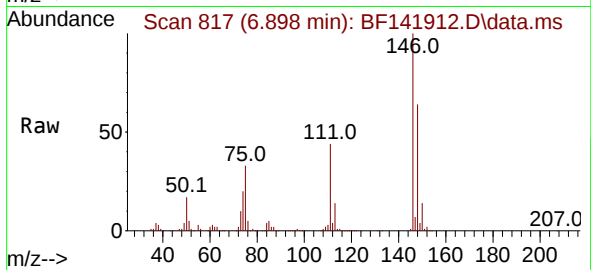
Tgt Ion:146 Resp: 539092
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 32.5 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 41.308 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
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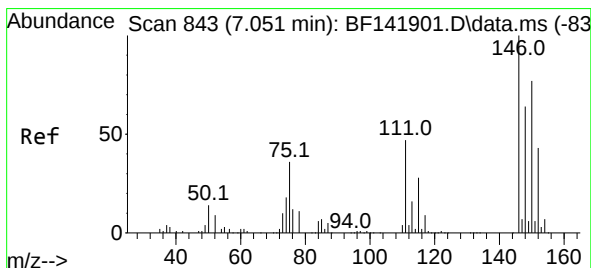
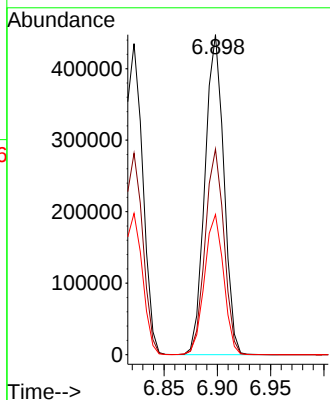
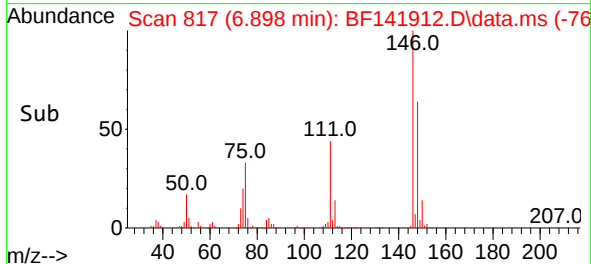
Tgt Ion:146 Resp: 553694
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.8 35.7 53.5

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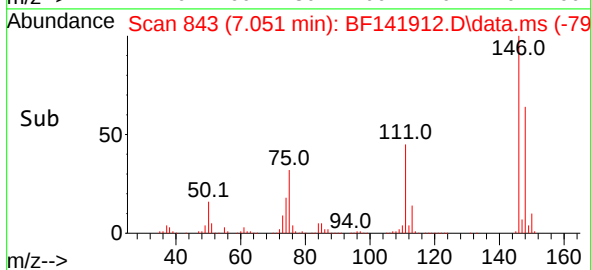
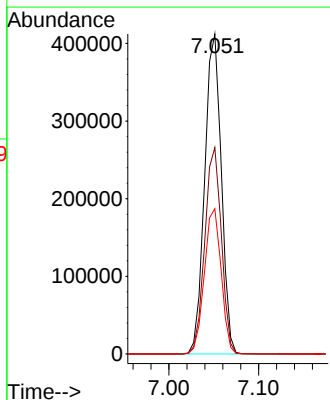
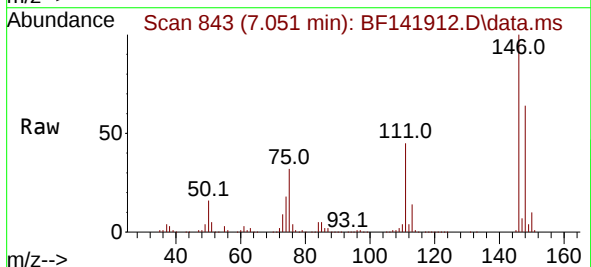
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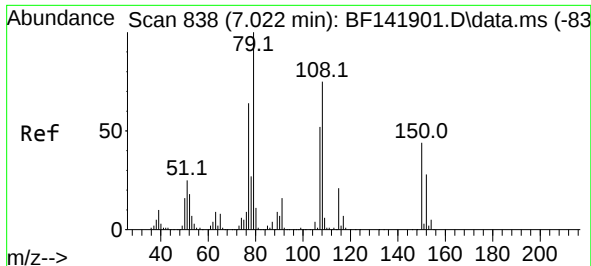
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#14
1,2-Dichlorobenzene
Concen: 41.999 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:146 Resp: 530249
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 45.4 38.0 57.0





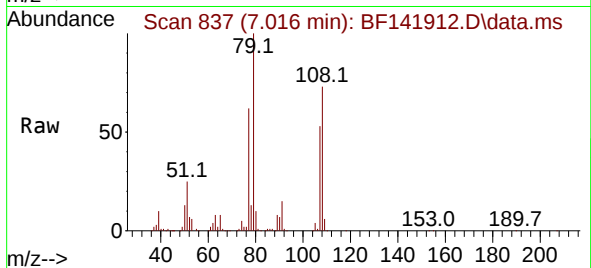
#15
Benzyl Alcohol
Concen: 41.006 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

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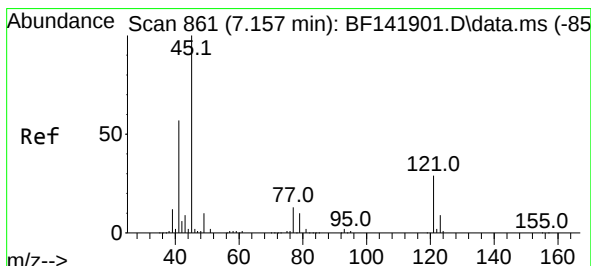
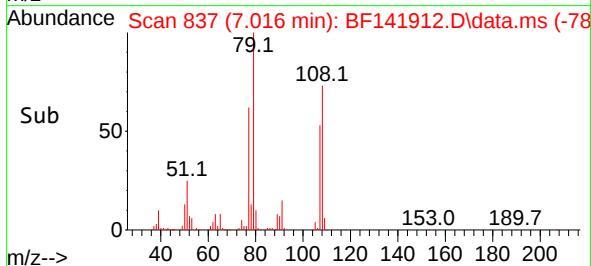
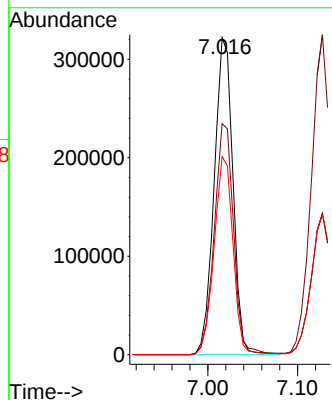
Tgt Ion: 79 Resp: 467000
Ion Ratio Lower Upper
79 100
108 72.9 59.7 89.5
77 62.5 51.0 76.6

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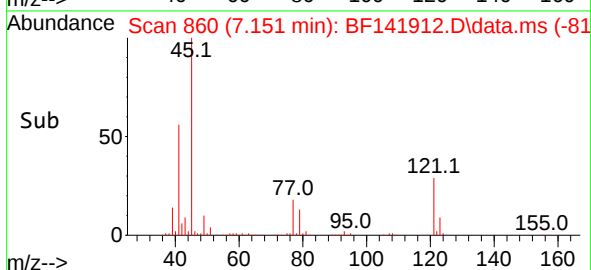
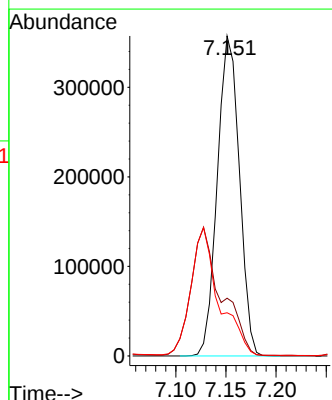
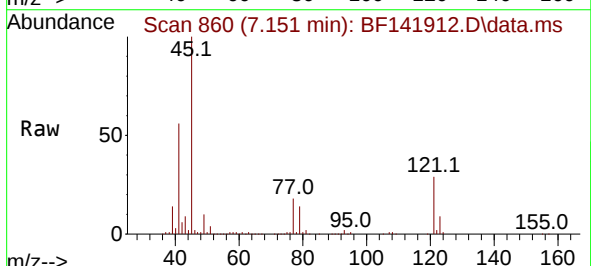
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.606 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

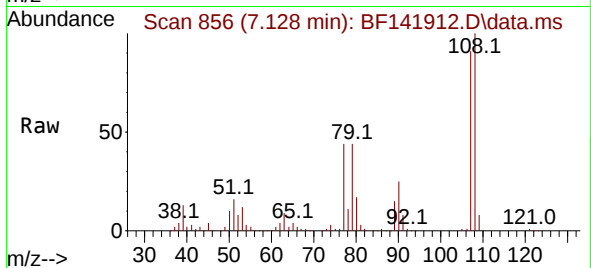
Tgt Ion: 45 Resp: 545528
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.8
79 13.5 0.0 34.2





#17
2-Methylphenol
Concen: 44.390 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
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ClientSampleId :
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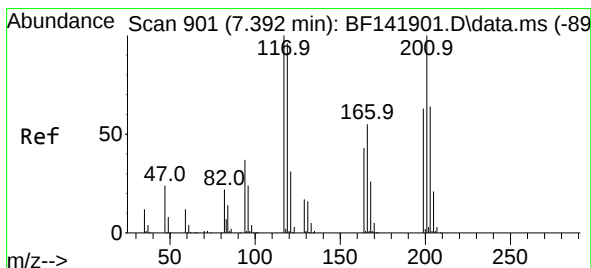
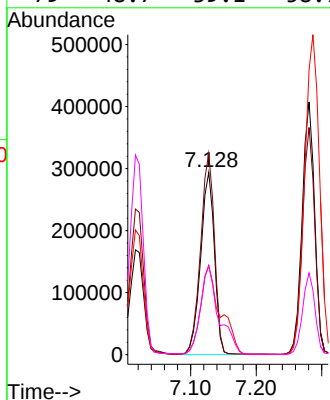
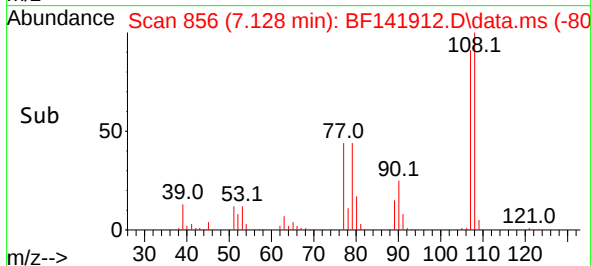
Tgt Ion:107 Resp: 43310
Ion Ratio Lower Upper
107 100
108 110.5 90.2 135.2
77 48.9 39.6 59.4
79 48.7 39.1 58.7

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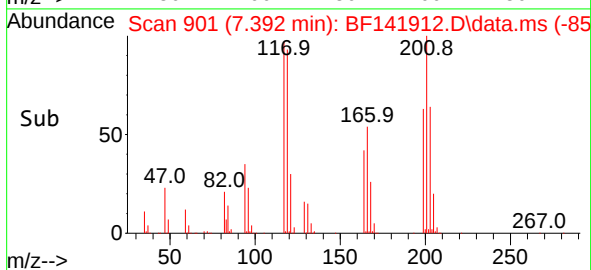
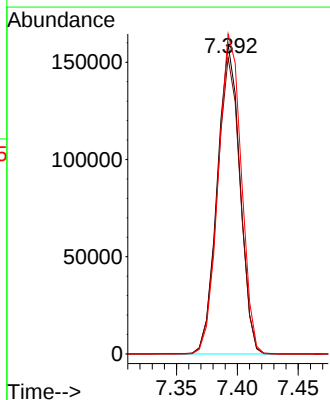
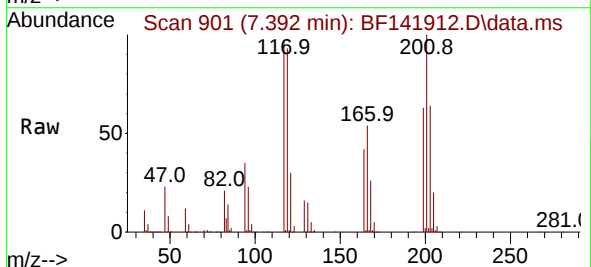
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#18
Hexachloroethane
Concen: 41.055 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:117 Resp: 206361
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3
201 103.3 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.698 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141912.D

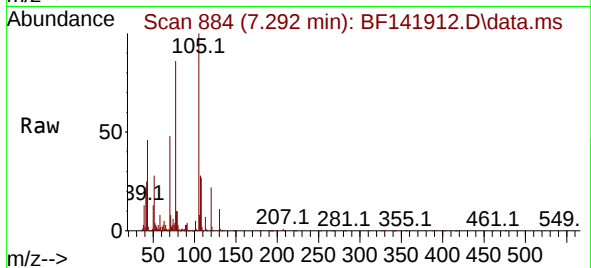
Acq: 11 Mar 2025 12:51

Instrument :

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Tgt Ion: 70 Resp: 368389

Ion Ratio Lower Upper

70 100

42 53.2 41.4 62.0

101 10.2 8.2 12.2

130 22.7 18.2 27.4

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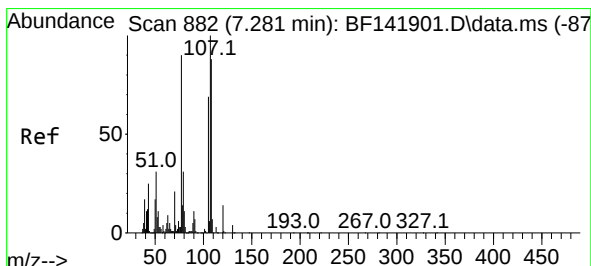
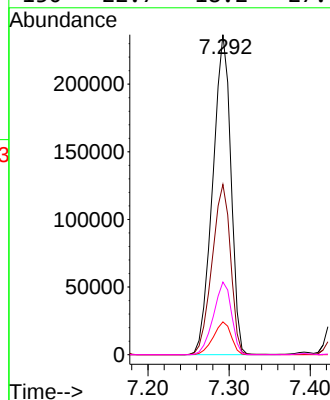
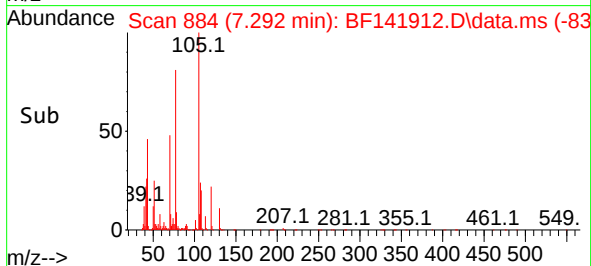
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#20

3+4-Methylphenols

Concen: 43.099 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

Tgt Ion:107 Resp: 538615

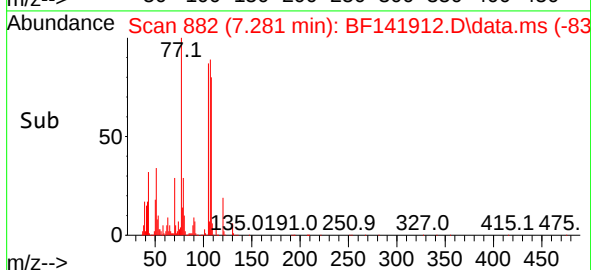
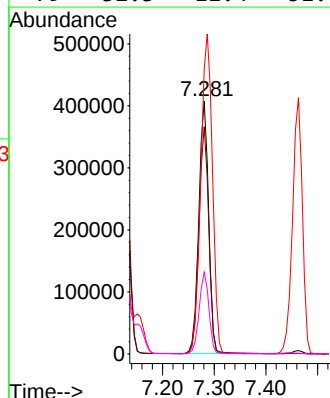
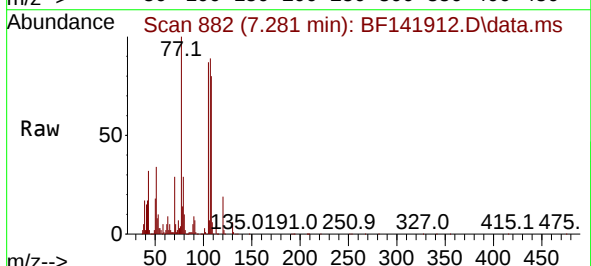
Ion Ratio Lower Upper

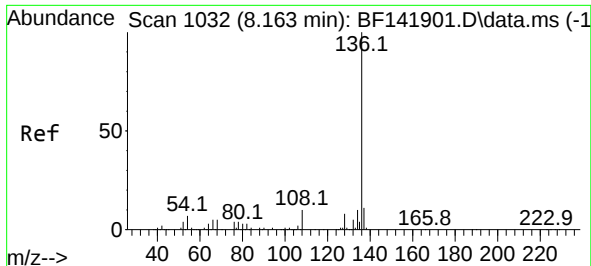
107 100

108 89.9 68.4 108.4

77 112.7 69.7 109.7#

79 32.3 11.4 51.4





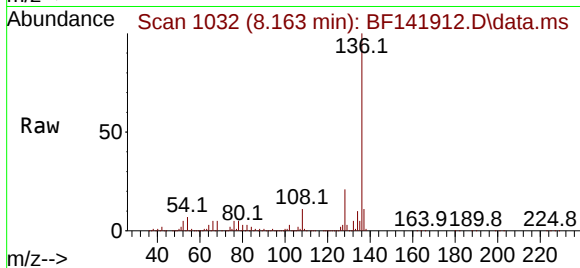
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

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ClientSampleId :

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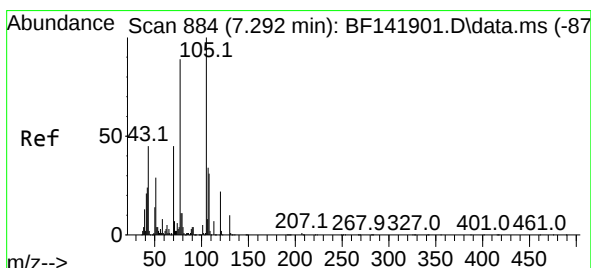
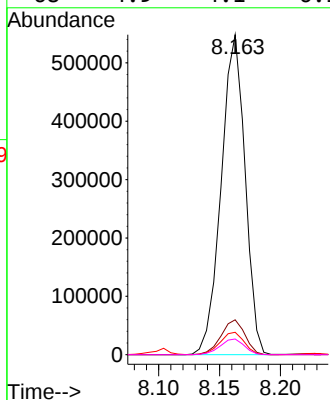
Tgt Ion:136 Resp: 747989
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.0 5.8 8.8
68 4.9 4.1 6.1

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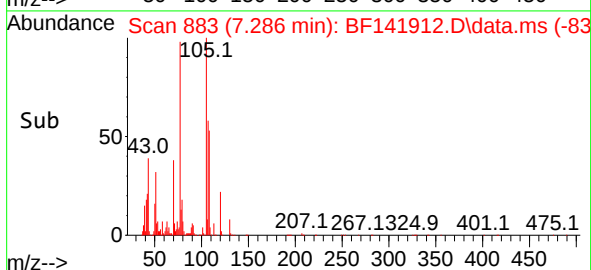
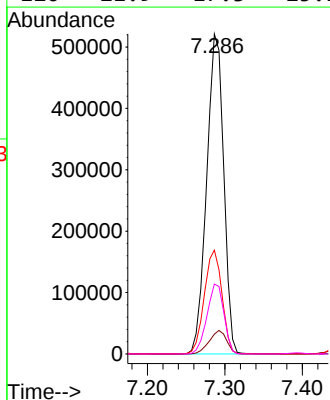
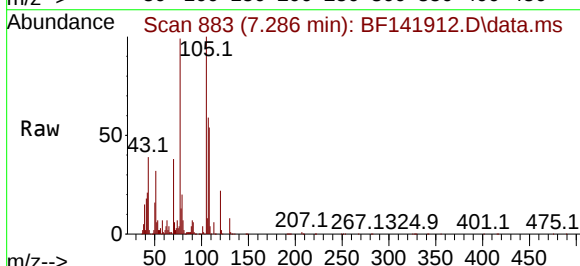
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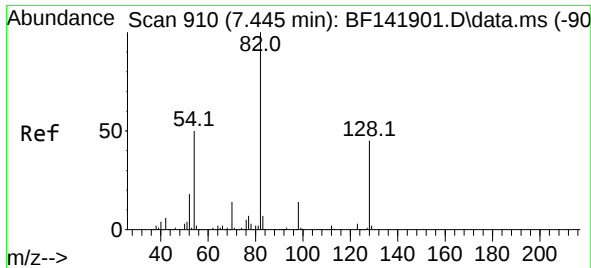
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#22
Acetophenone
Concen: 44.493 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:105 Resp: 796984
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.8
51 32.5 23.4 35.0
120 21.9 17.3 25.9





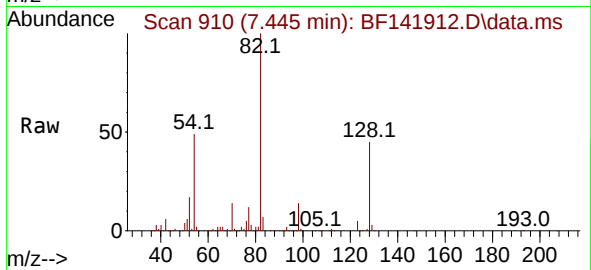
#23
Nitrobenzene-d5
Concen: 88.491 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

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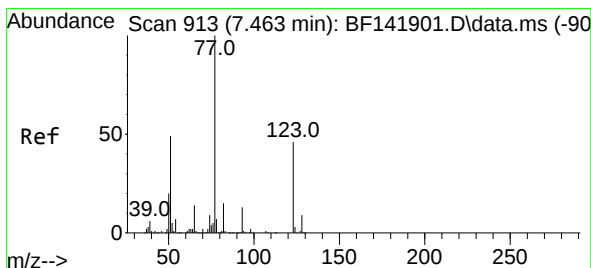
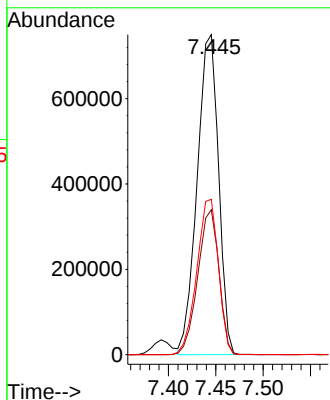
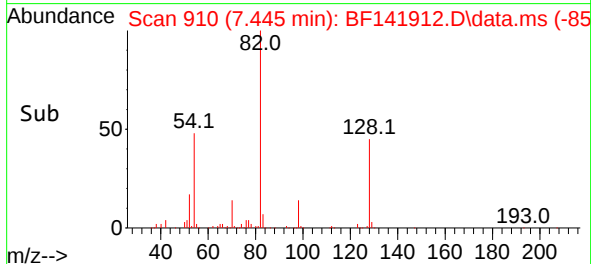
Tgt Ion: 82 Resp: 117617
Ion Ratio Lower Upper
82 100
128 45.3 36.0 54.0
54 48.5 39.6 59.4

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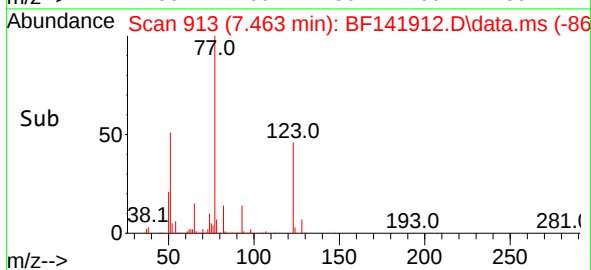
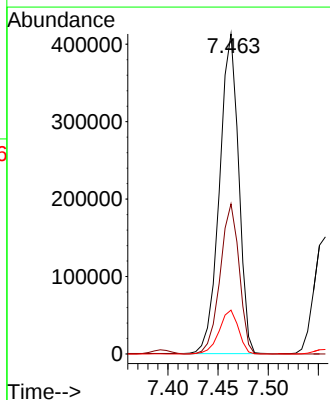
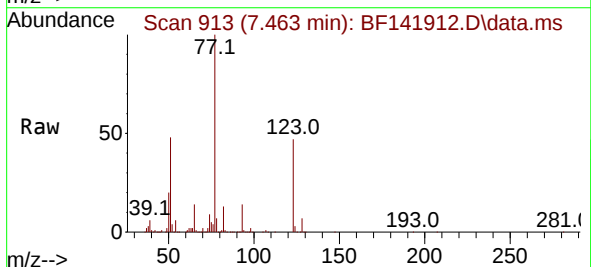
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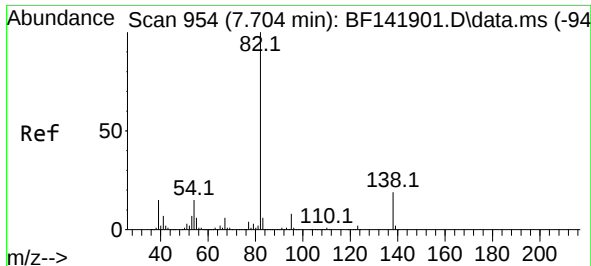
03/12/2025



#24
Nitrobenzene
Concen: 41.468 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion: 77 Resp: 547931
Ion Ratio Lower Upper
77 100
123 46.9 37.0 55.4
65 13.7 11.3 16.9





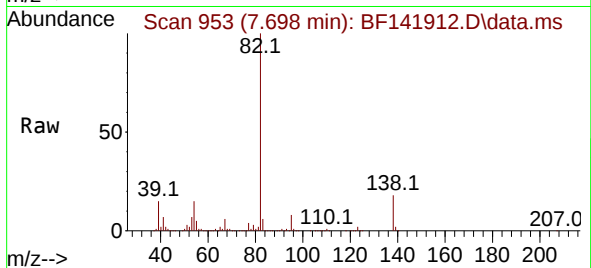
#25
Isophorone
Concen: 43.895 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

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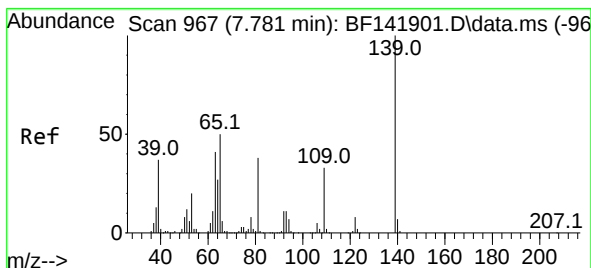
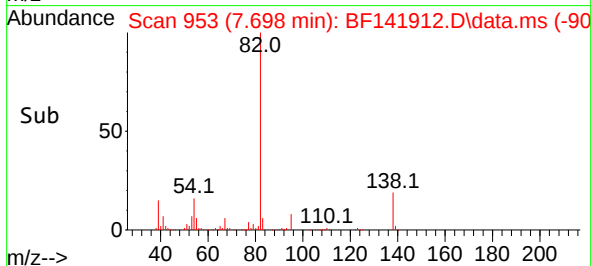
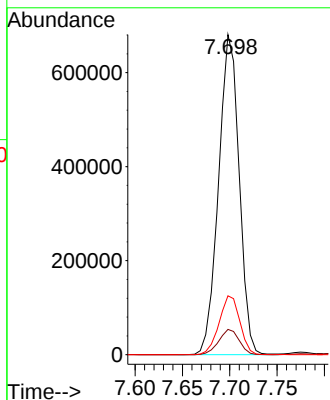
Tgt Ion: 82 Resp: 103131
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.4 14.9 22.3

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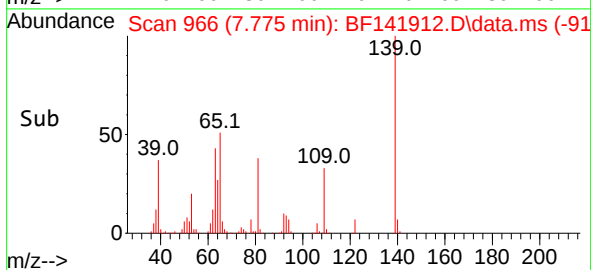
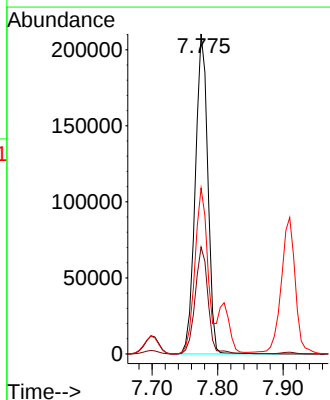
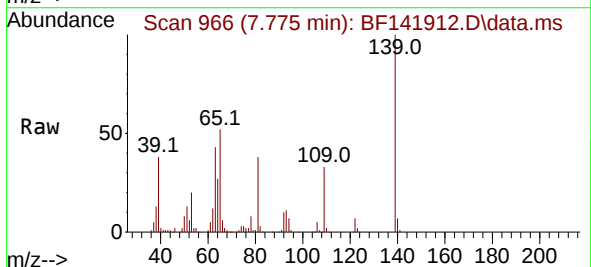
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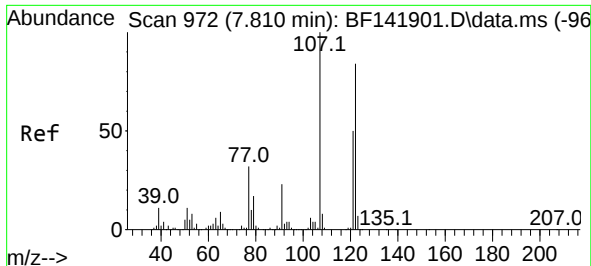
03/12/2025



#26
2-Nitrophenol
Concen: 43.176 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:139 Resp: 280000
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 51.8 40.3 60.5





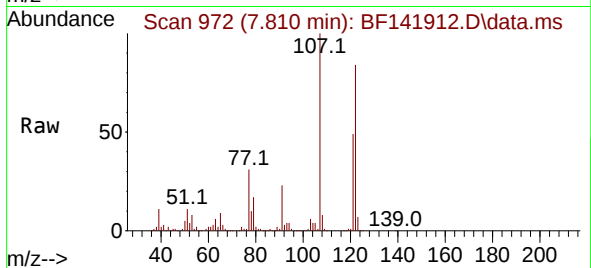
#27
2,4-Dimethylphenol
Concen: 53.443 ng
RT: 7.810 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

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Tgt Ion:122 Resp: 477228
Ion Ratio Lower Upper
122 100
107 118.8 94.8 142.2
121 58.6 47.8 71.6

Manual Integrations

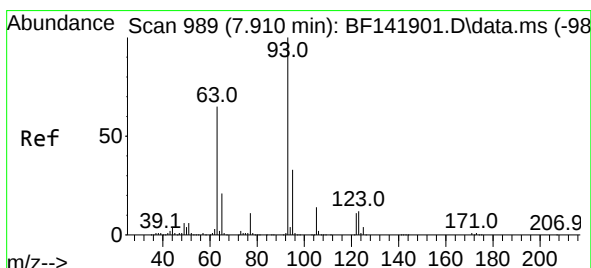
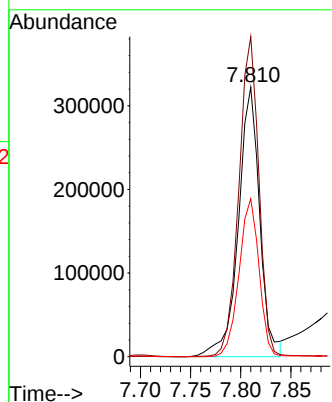
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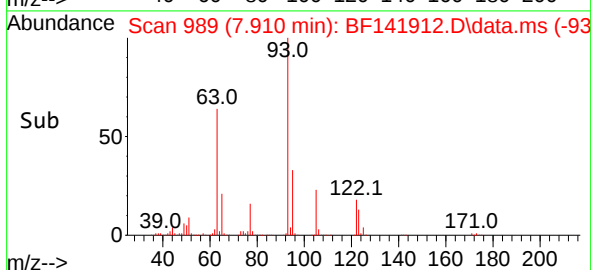
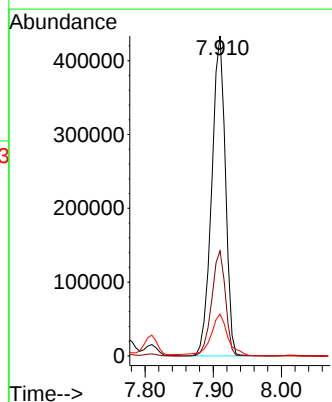
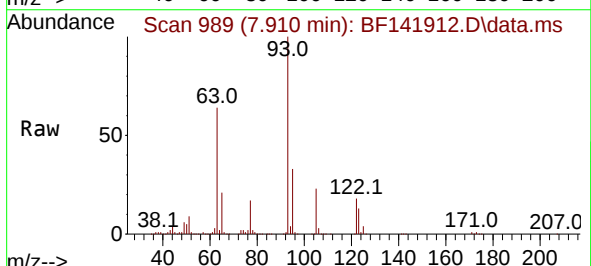
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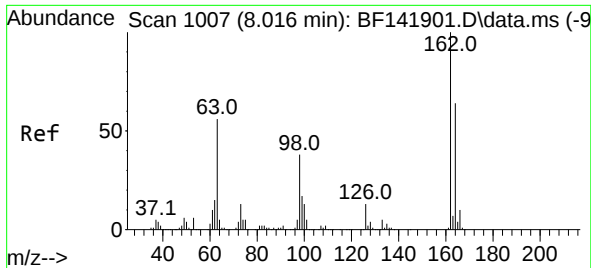
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#28
bis(2-Chloroethoxy)methane
Concen: 41.111 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion: 93 Resp: 605810
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.455 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:162 Resp: 47056

Ion Ratio Lower Upper

162 100

164 64.6 43.8 83.8

98 37.4 18.1 58.1

Manual Integrations

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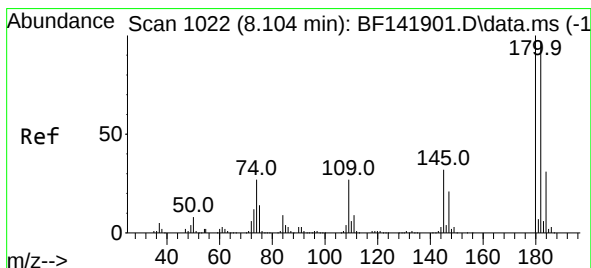
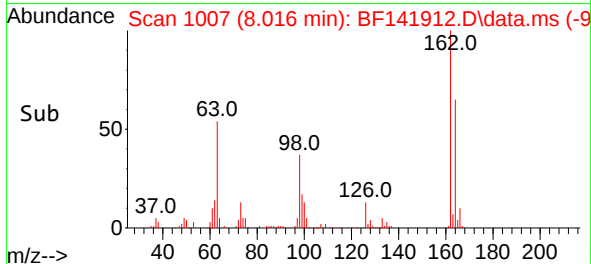
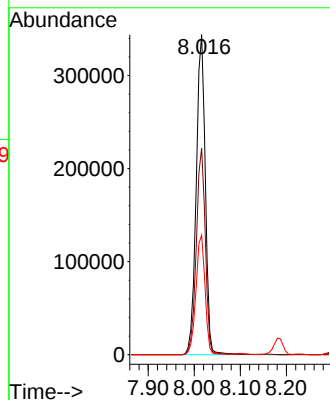
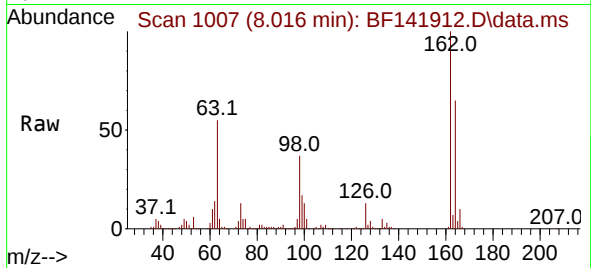
Reviewed By :Anahy Claudio 03/12/2025

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#30

1,2,4-Trichlorobenzene

Concen: 40.188 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

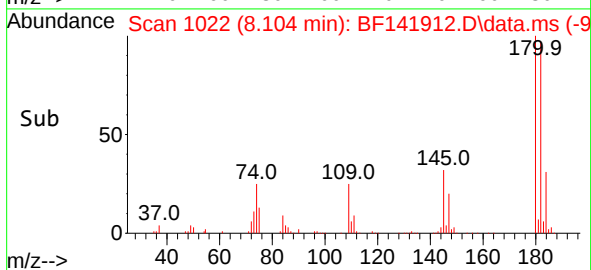
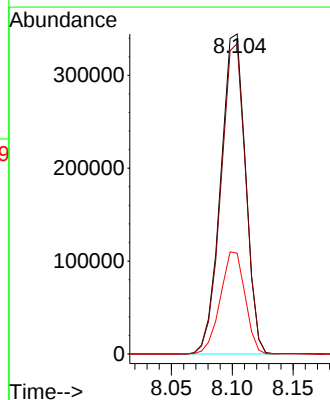
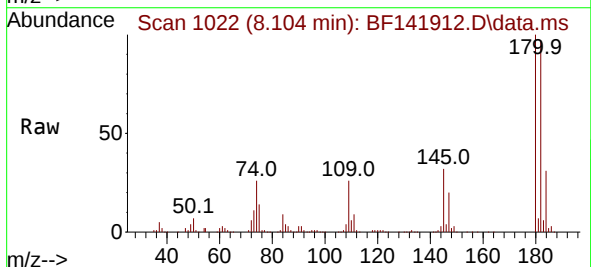
Tgt Ion:180 Resp: 490890

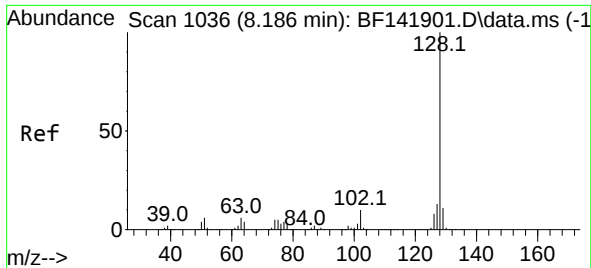
Ion Ratio Lower Upper

180 100

182 97.0 77.5 116.3

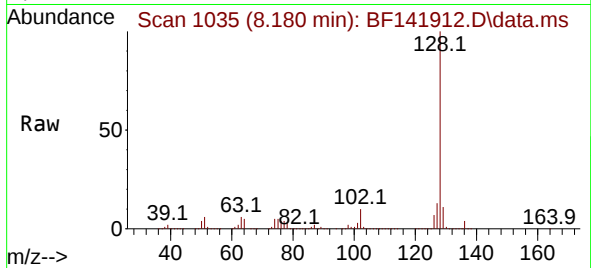
145 31.5 25.8 38.6





#31
Naphthalene
Concen: 40.163 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
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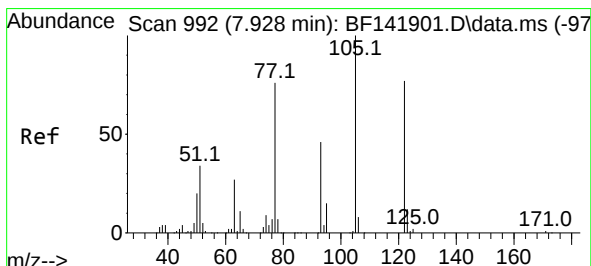
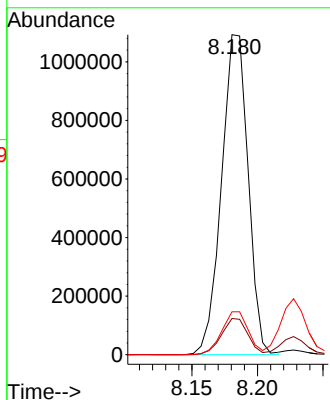
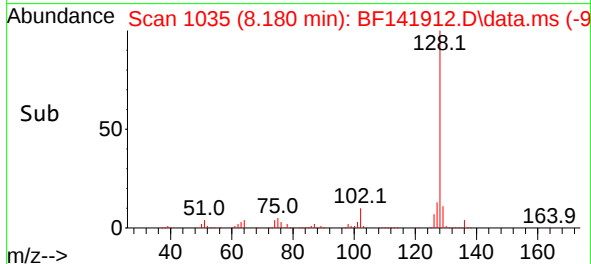
Tgt Ion:128 Resp: 154319
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2

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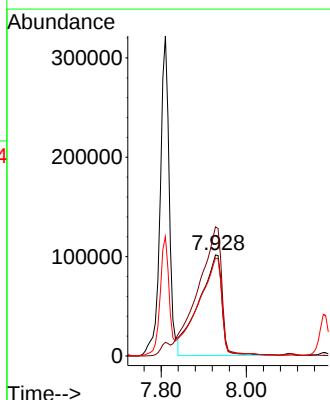
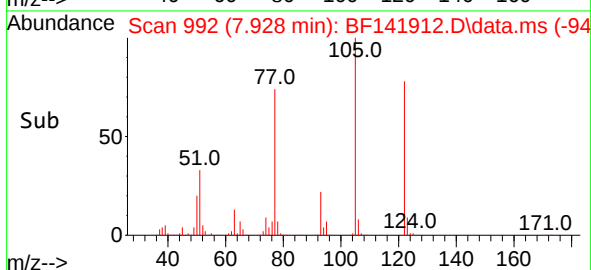
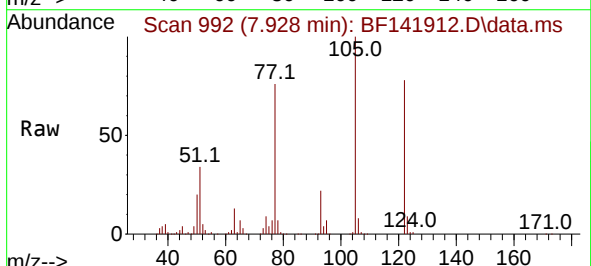
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#32
Benzoic acid
Concen: 48.517 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:122 Resp: 380831
Ion Ratio Lower Upper
122 100
105 128.0 107.9 147.9
77 97.1 79.0 119.0





#33
4-Chloroaniline
Concen: 19.880 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS

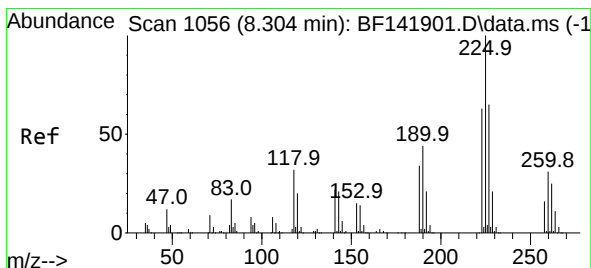
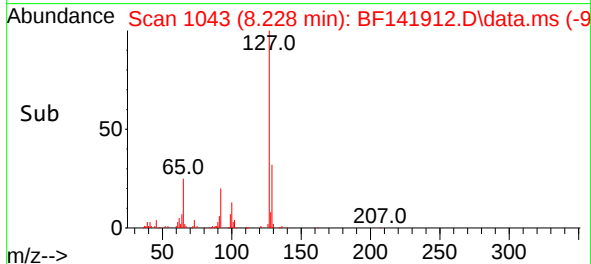
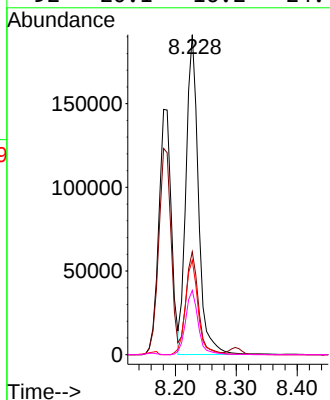
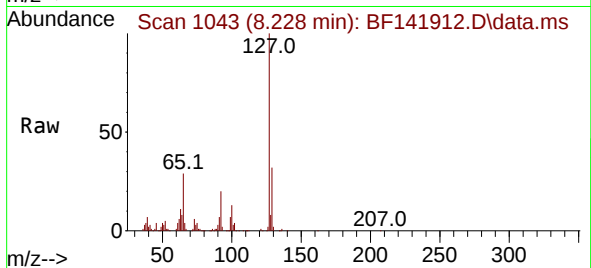
Tgt Ion:127 Resp: 26964
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 29.5 25.4 38.2
92 20.1 16.2 24.4

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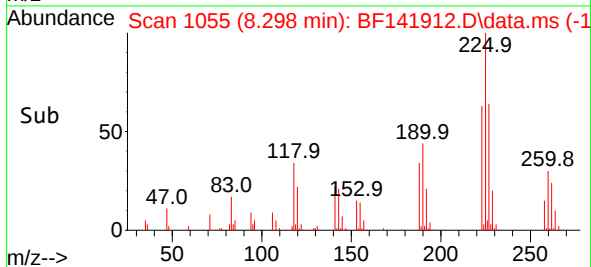
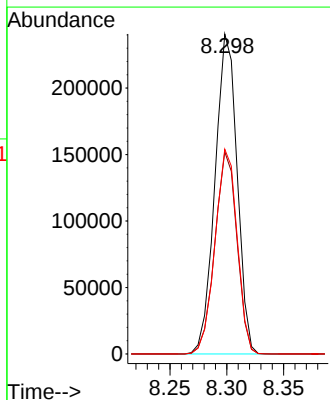
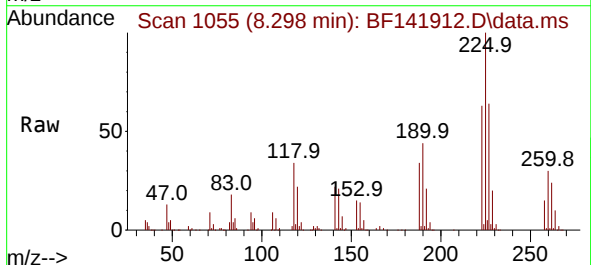
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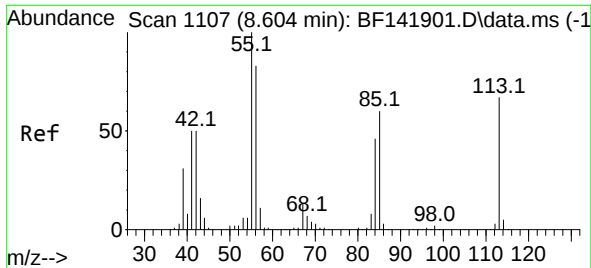
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#34
Hexachlorobutadiene
Concen: 40.938 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:225 Resp: 326107
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 64.0 52.2 78.2





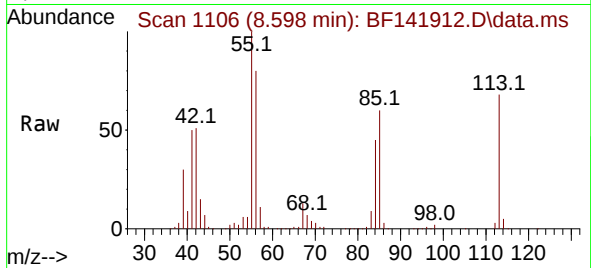
#35
Caprolactam
Concen: 48.429 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

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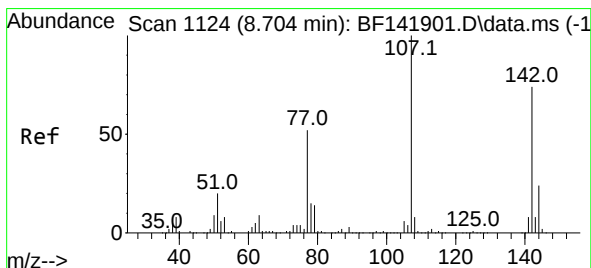
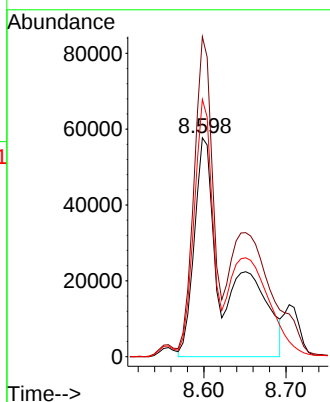
Tgt Ion:113 Resp: 16365
Ion Ratio Lower Upper
113 100
55 146.1 129.6 169.6
56 117.5 104.0 144.0

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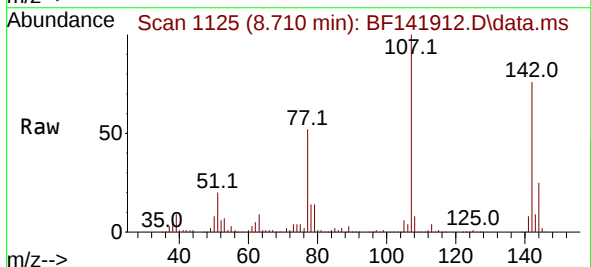
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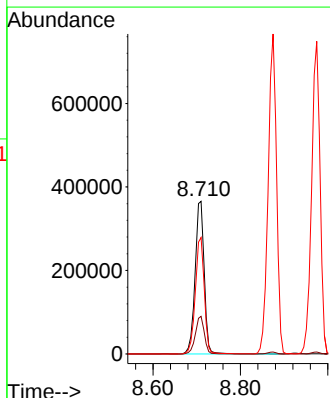
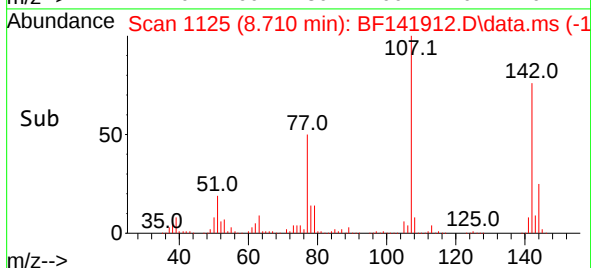
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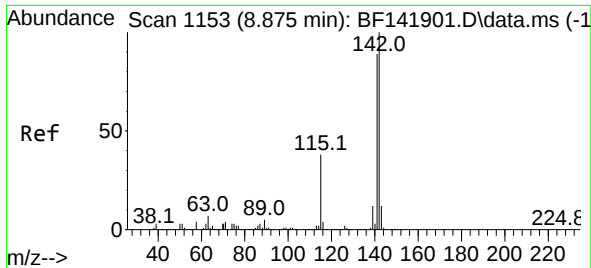


#36
4-Chloro-3-methylphenol
Concen: 42.909 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



Tgt Ion:107 Resp: 530526
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 76.3 59.2 88.8





#37
2-Methylnaphthalene
Concen: 39.664 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

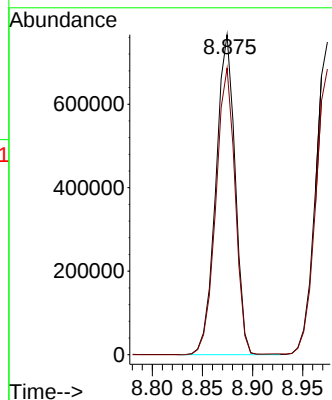
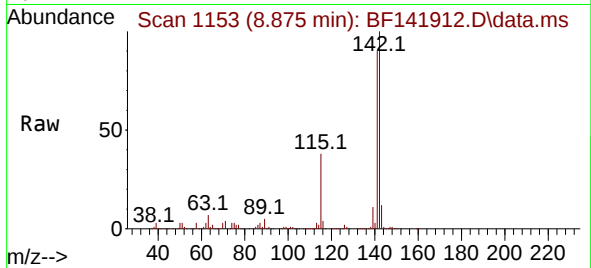
ClientSampleId :

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Tgt Ion:142 Resp: 101866
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8

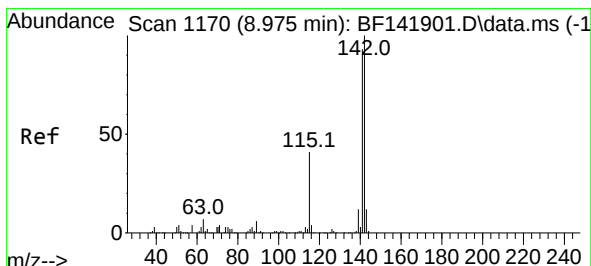
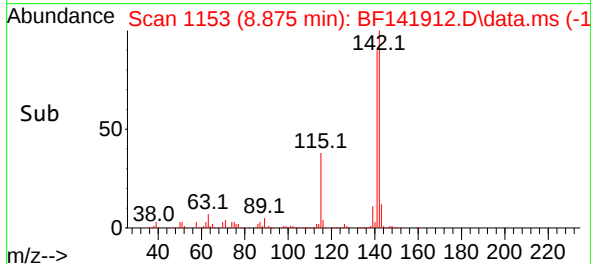
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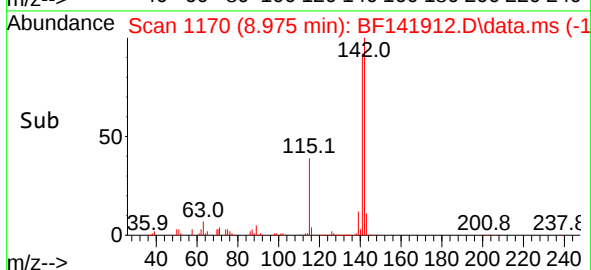
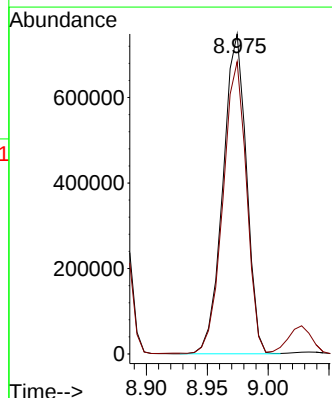
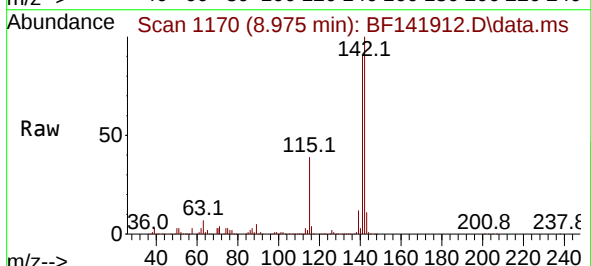
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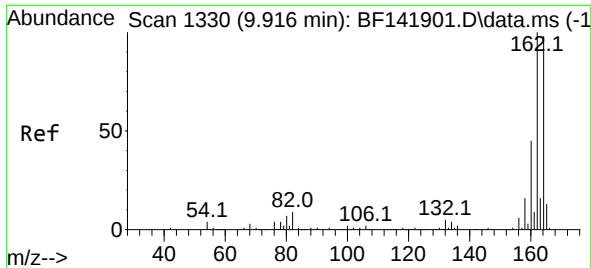
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#38
1-Methylnaphthalene
Concen: 40.630 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:142 Resp: 1006929
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4





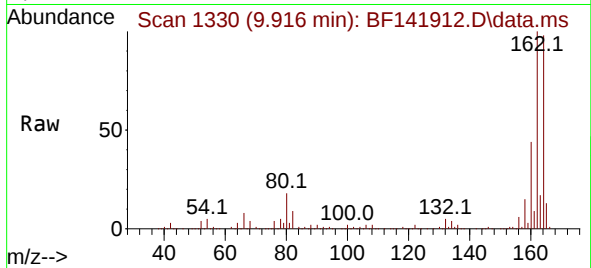
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



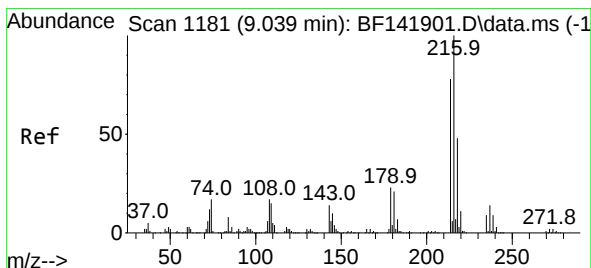
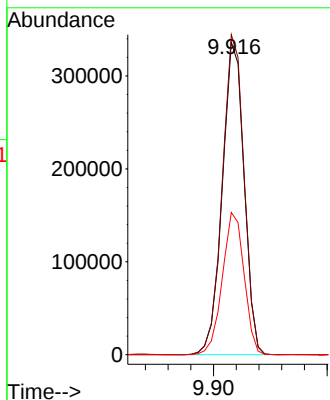
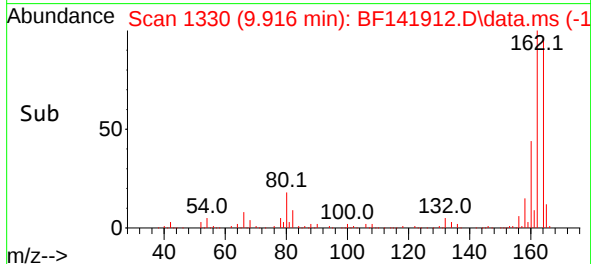
Tgt Ion:164 Resp: 446834
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 45.5 36.7 55.1

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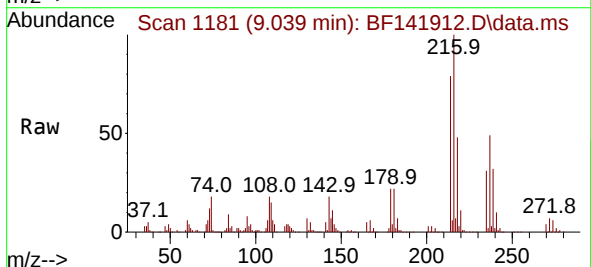
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Upadhyay

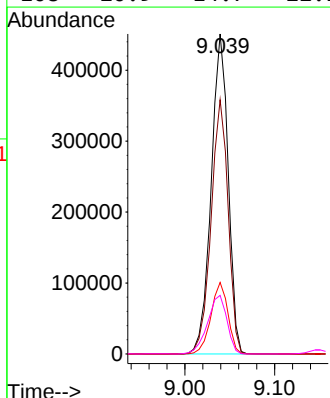
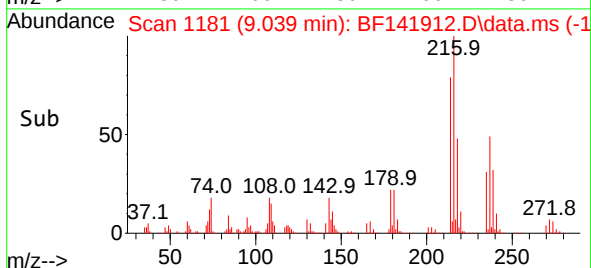
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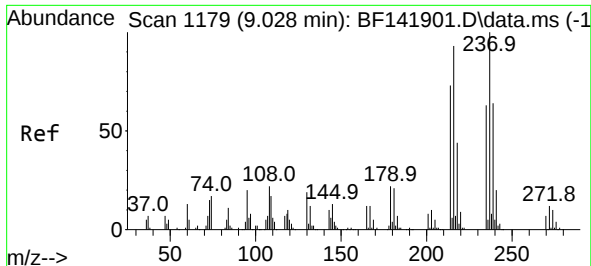


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.576 ng
RT: 9.039 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



Tgt Ion:216 Resp: 592823
Ion Ratio Lower Upper
216 100
214 79.6 61.9 92.9
179 22.3 18.1 27.1
108 20.9 14.7 22.1





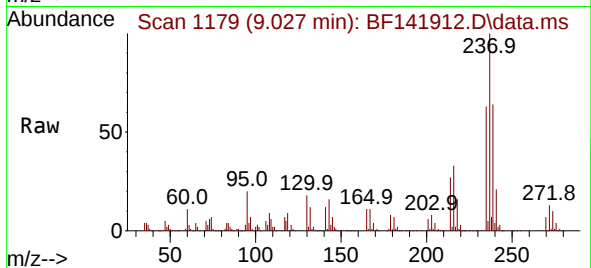
#41
Hexachlorocyclopentadiene
Concen: 142.999 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



Tgt Ion:237 Resp: 761350
Ion Ratio Lower Upper
237 100
235 63.5 43.1 83.1
272 13.1 0.0 32.0

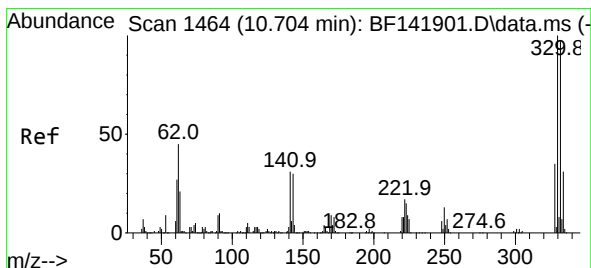
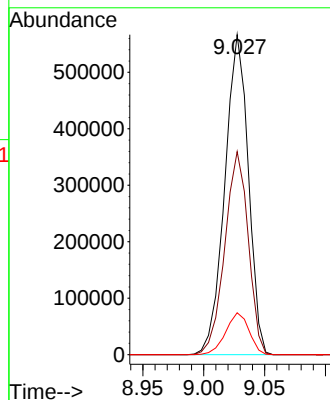
Manual Integrations

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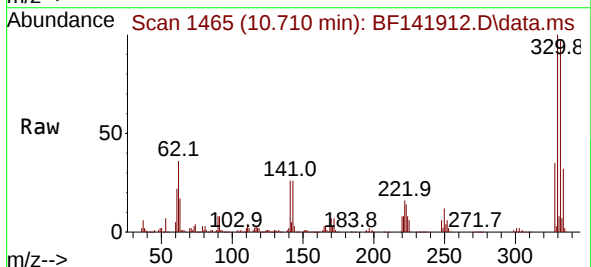
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Upadhyay

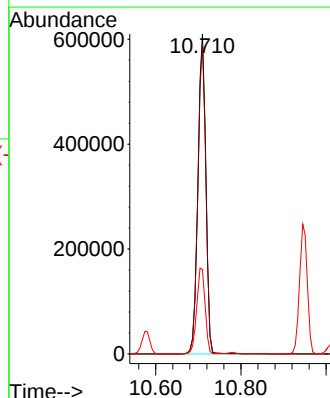
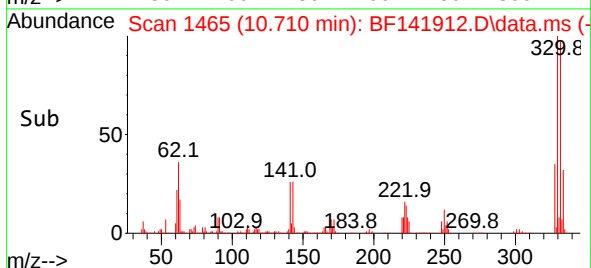
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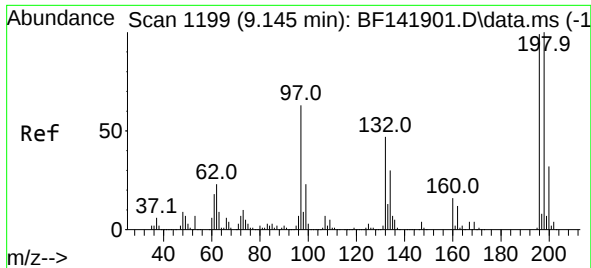


#42
2,4,6-Tribromophenol
Concen: 138.833 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



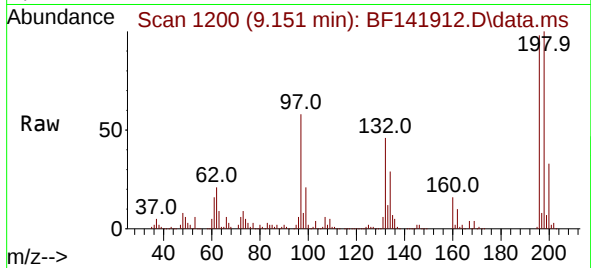
Tgt Ion:330 Resp: 786997
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 28.6 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 42.480 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



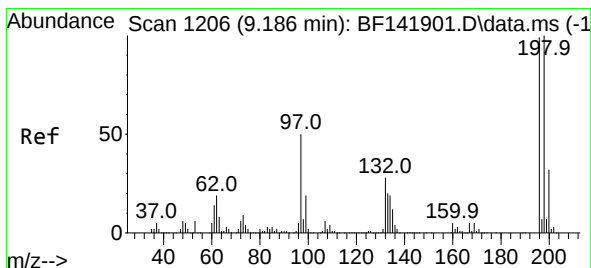
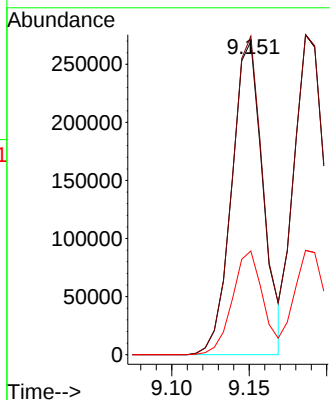
Tgt Ion:196 Resp: 37768
Ion Ratio Lower Upper
196 100
198 101.6 80.6 121.0
200 33.1 25.8 38.6

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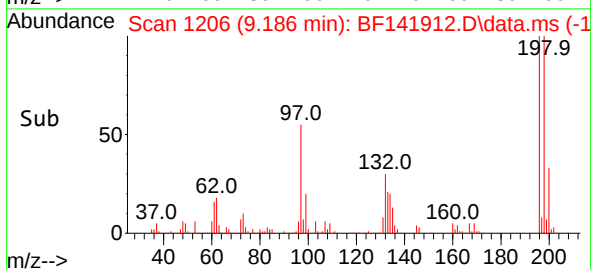
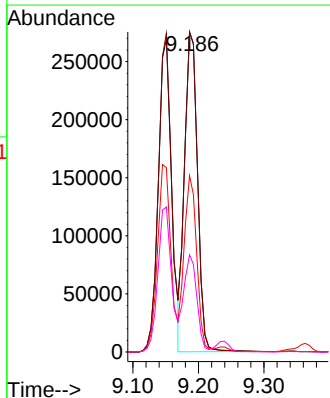
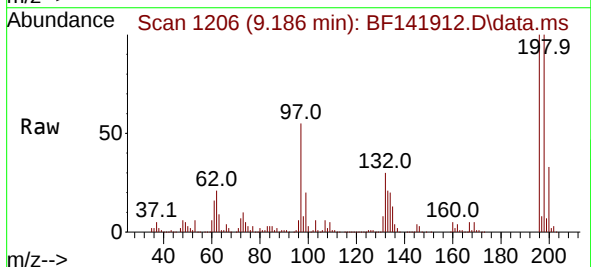
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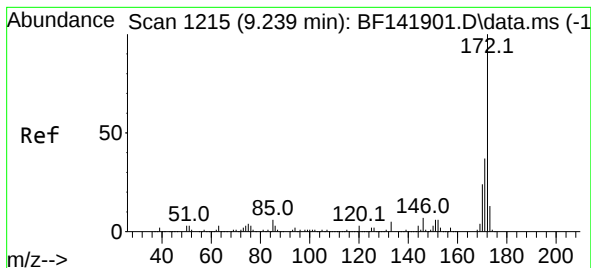
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#44
2,4,5-Trichlorophenol
Concen: 42.011 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:196 Resp: 378302
Ion Ratio Lower Upper
196 100
198 100.0 80.7 121.1
97 55.1 42.1 63.1
132 30.3 23.4 35.2





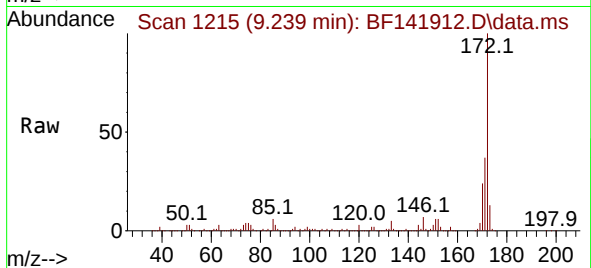
#45
2-Fluorobiphenyl
Concen: 85.401 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



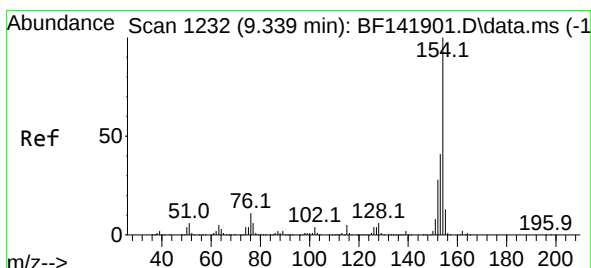
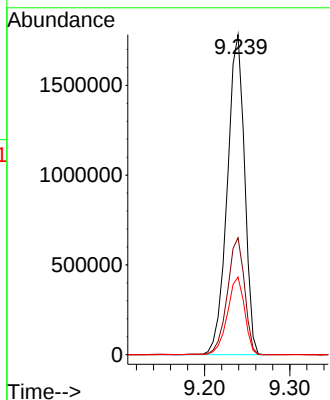
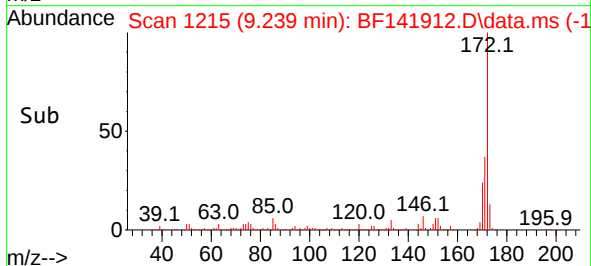
Tgt Ion:172 Resp: 250920
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.2 19.4 29.0

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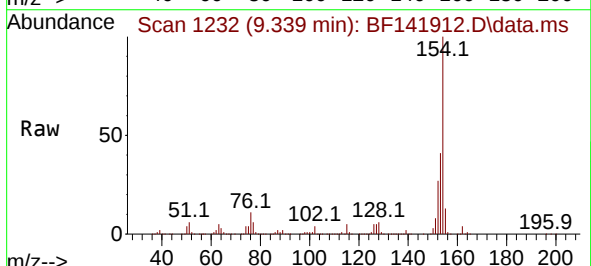
Reviewed By :Anahy Claudio 03/12/2025
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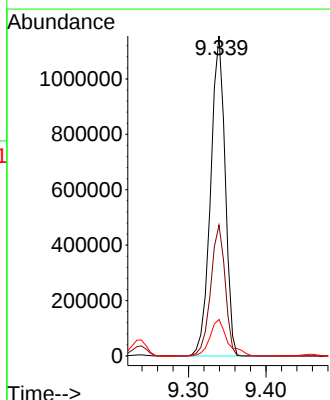
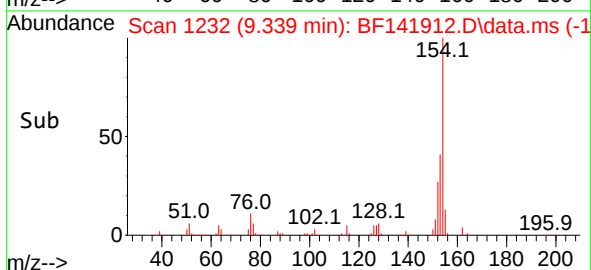
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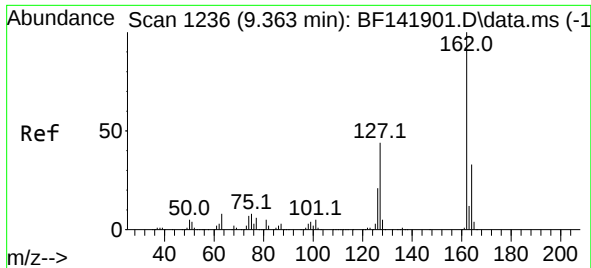


#46
1,1'-Biphenyl
Concen: 44.366 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



Tgt Ion:154 Resp: 1506272
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 11.4 0.0 31.3





#47

2-Chloronaphthalene

Concen: 40.859 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:162 Resp: 103396

Ion Ratio Lower Upper

162 100

127 43.6 35.5 53.3

164 33.0 26.6 40.0

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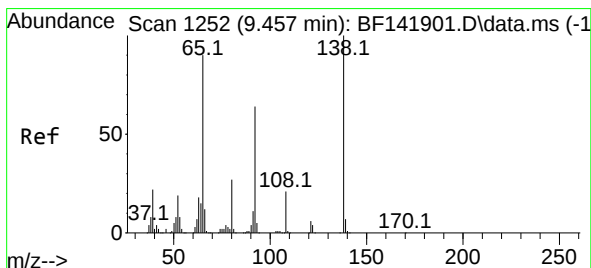
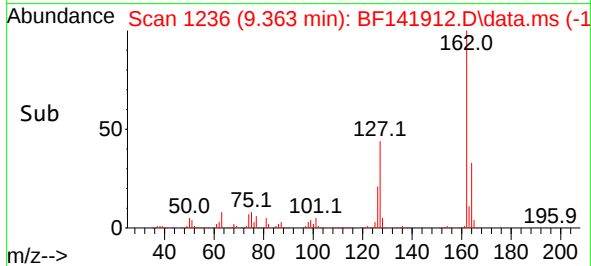
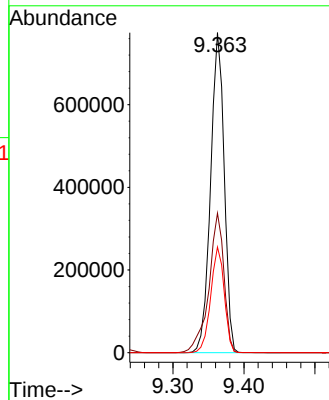
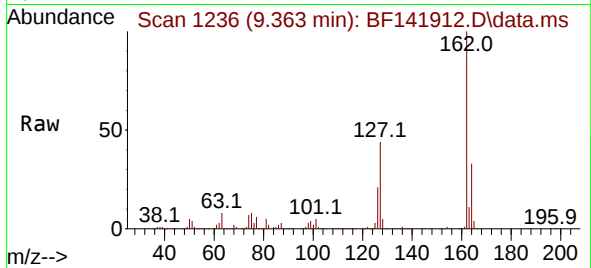
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#48

2-Nitroaniline

Concen: 43.086 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

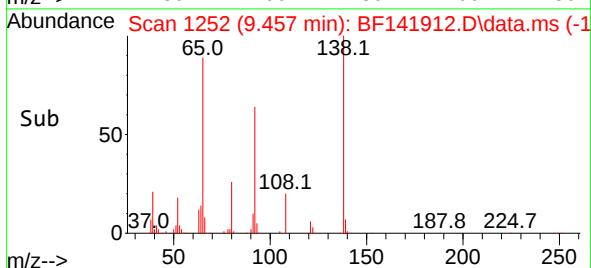
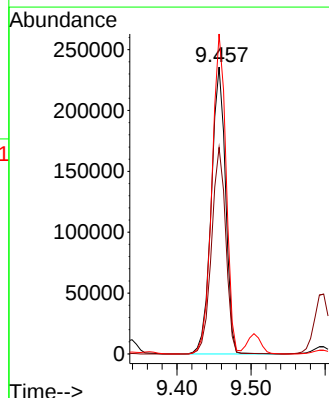
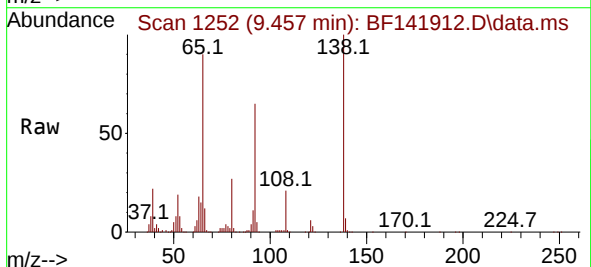
Tgt Ion: 65 Resp: 315690

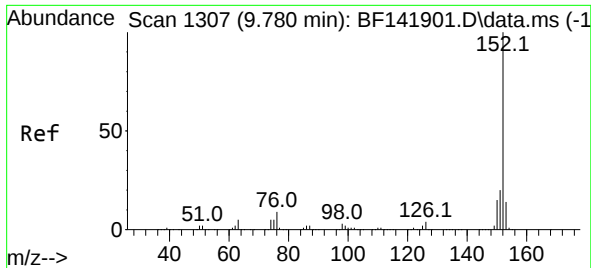
Ion Ratio Lower Upper

65 100

92 72.0 56.6 84.8

138 111.5 88.6 133.0





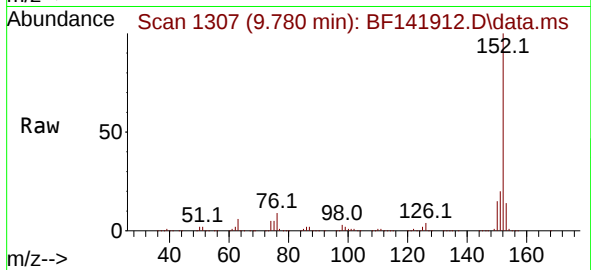
#49
Acenaphthylene
Concen: 43.015 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



Tgt Ion:152 Resp: 1615328
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.0 11.1 16.7

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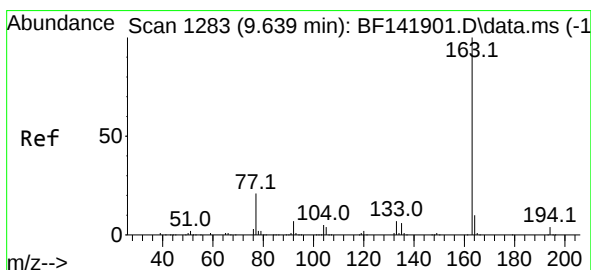
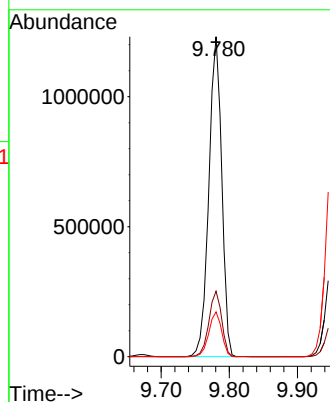
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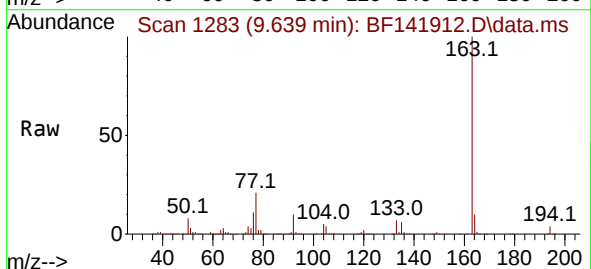
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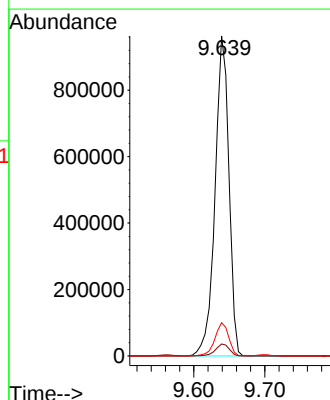
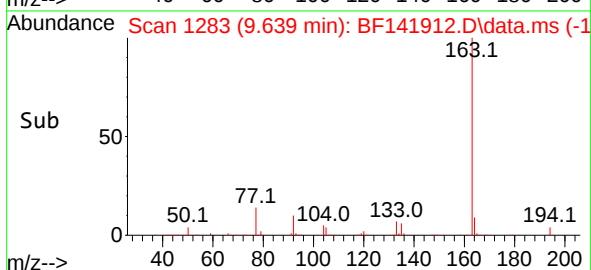
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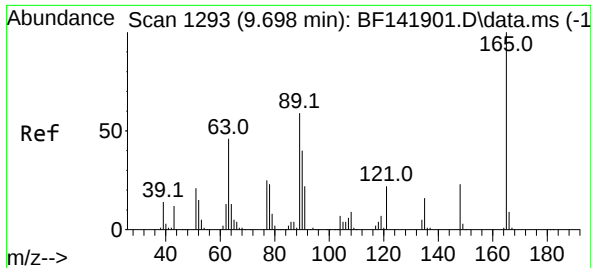


#50
Dimethylphthalate
Concen: 41.684 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



Tgt Ion:163 Resp: 1304333
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.702 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS

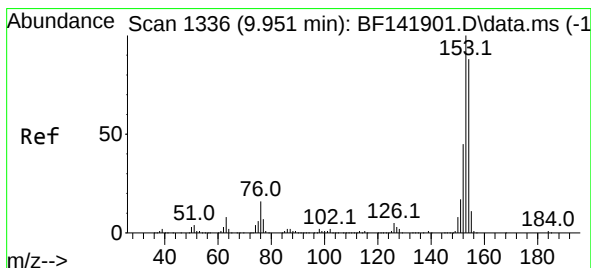
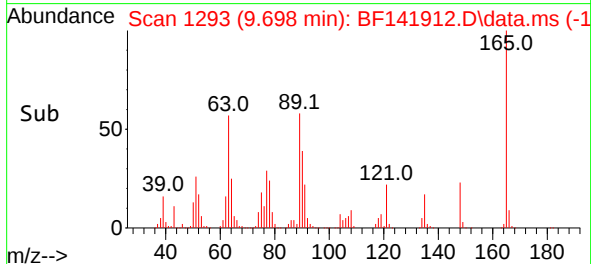
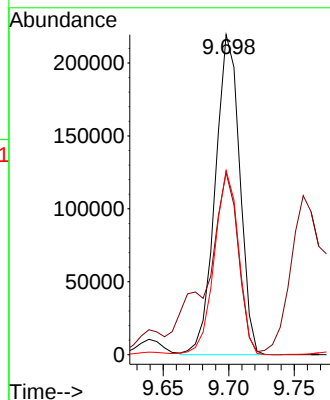
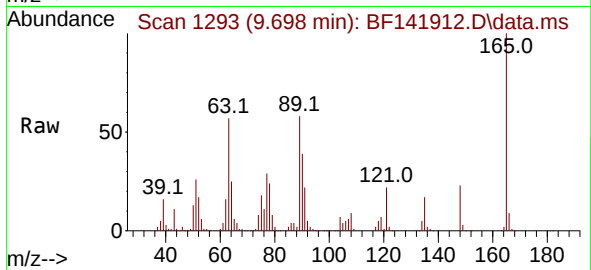
Tgt Ion:165 Resp: 284720
Ion Ratio Lower Upper
165 100
63 56.9 47.0 70.4
89 57.6 47.4 71.2

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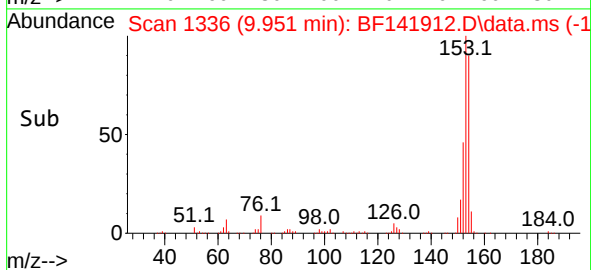
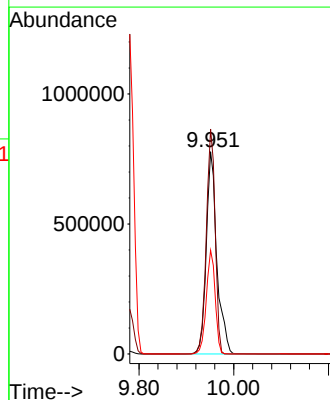
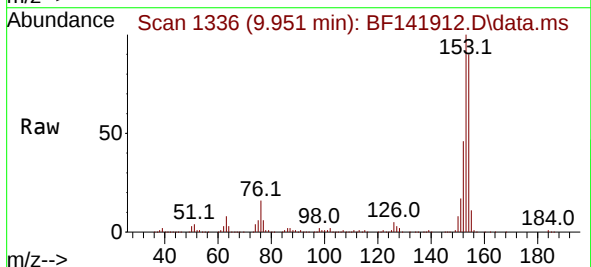
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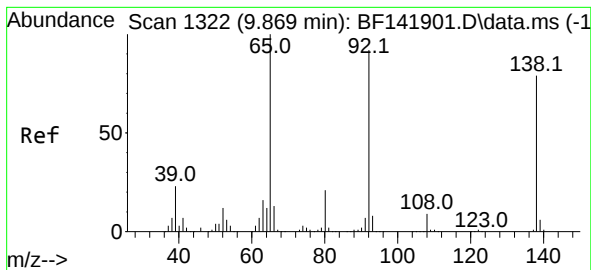
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#52
Acenaphthene
Concen: 45.880 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:154 Resp: 1210769
Ion Ratio Lower Upper
154 100
153 111.2 90.7 136.1
152 51.3 41.1 61.7





#53
3-Nitroaniline
Concen: 28.055 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS

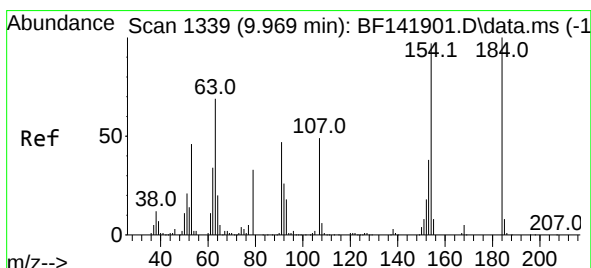
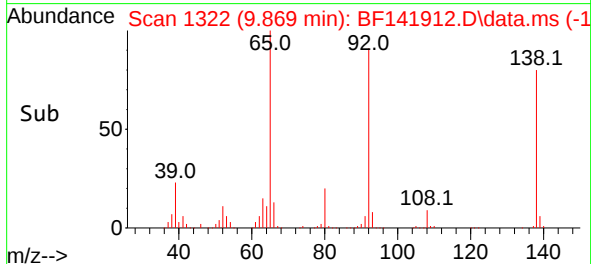
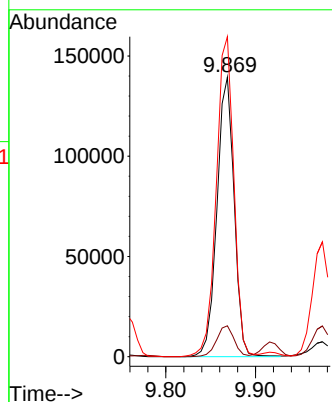
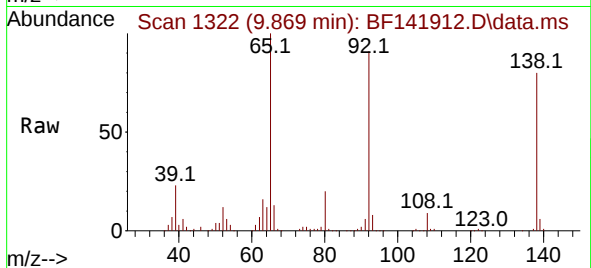
Tgt Ion:138 Resp: 18540
Ion Ratio Lower Upper
138 100
108 11.1 9.3 13.9
92 114.5 93.5 140.3

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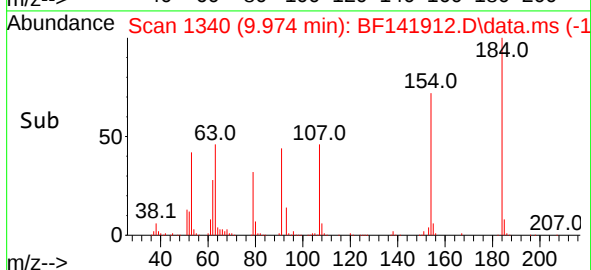
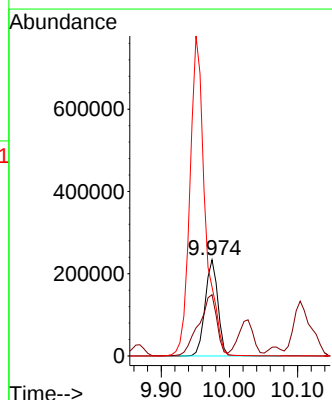
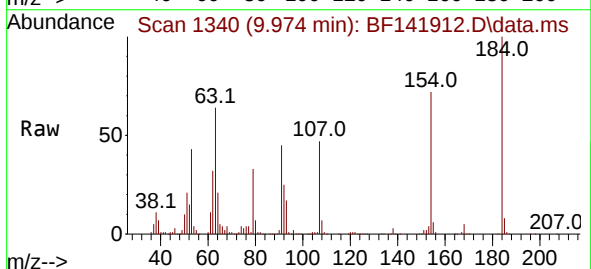
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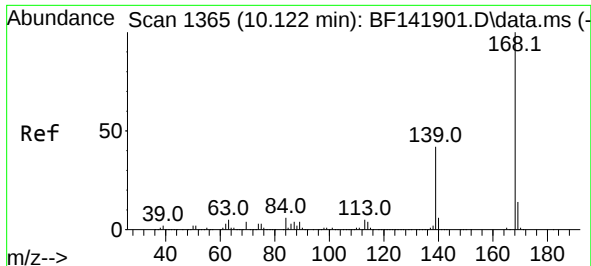
03/12/2025



#54
2,4-Dinitrophenol
Concen: 82.304 ng
RT: 9.974 min Scan# 1340
Delta R.T. 0.005 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

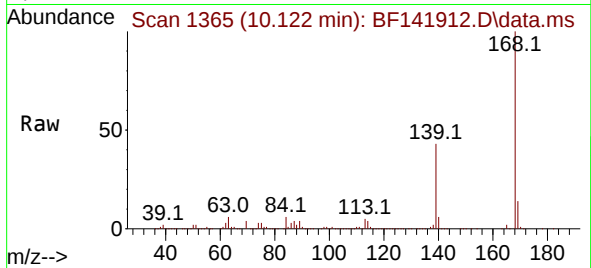
Tgt Ion:184 Resp: 305424
Ion Ratio Lower Upper
184 100
63 63.8 60.2 90.4
154 71.7 132.9 199.3#





#55
Dibenzenofuran
Concen: 39.581 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



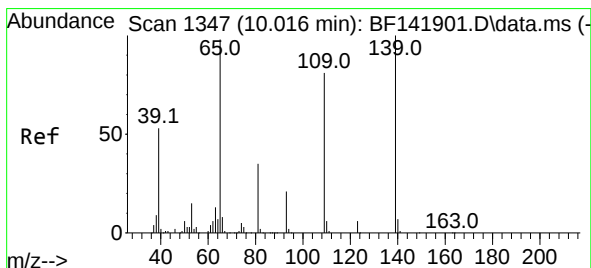
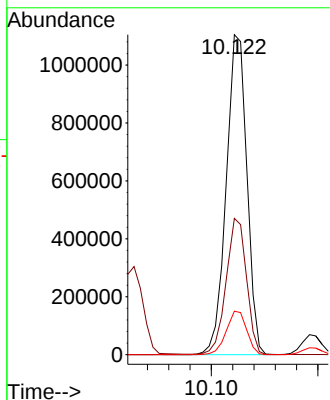
Tgt Ion:168 Resp: 149252
Ion Ratio Lower Upper
168 100
139 42.6 33.9 50.9
169 13.6 11.0 16.4

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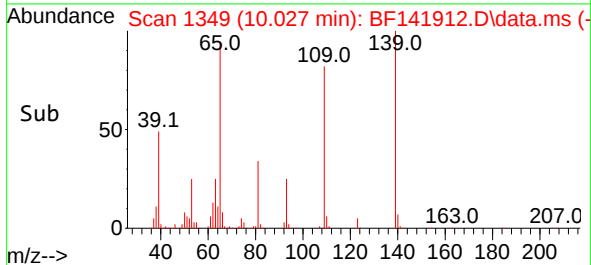
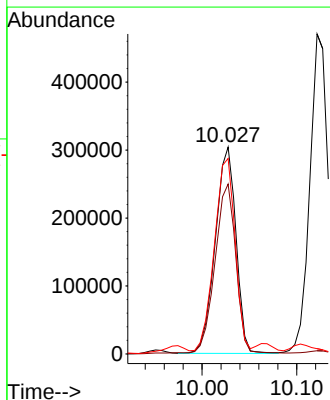
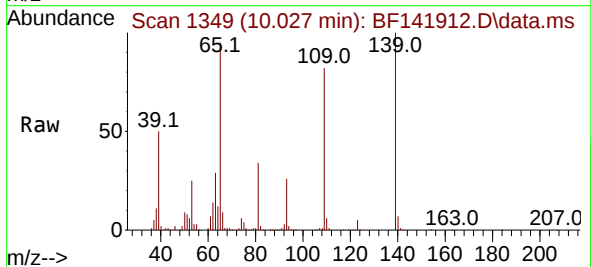
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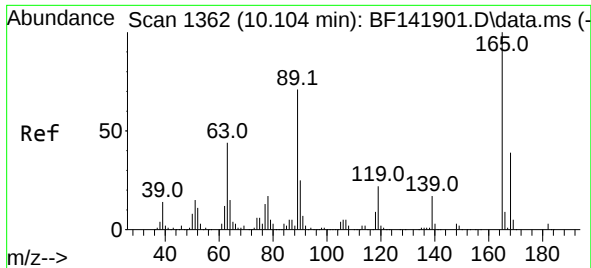
03/12/2025



#56
4-Nitrophenol
Concen: 92.685 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:139 Resp: 461921
Ion Ratio Lower Upper
139 100
109 82.1 61.6 101.6
65 94.6 79.4 119.4





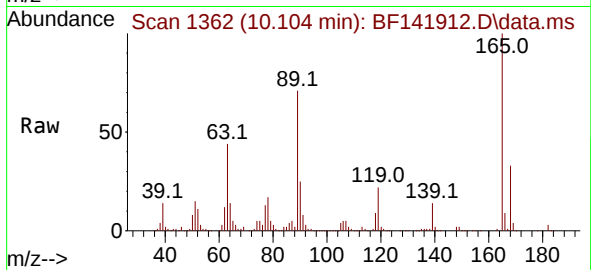
#57
2,4-Dinitrotoluene
Concen: 45.927 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



Tgt Ion:165 Resp: 39080
Ion Ratio Lower Upper
165 100
63 44.0 35.4 53.2
89 70.7 56.6 84.8
182 2.7 2.2 3.4

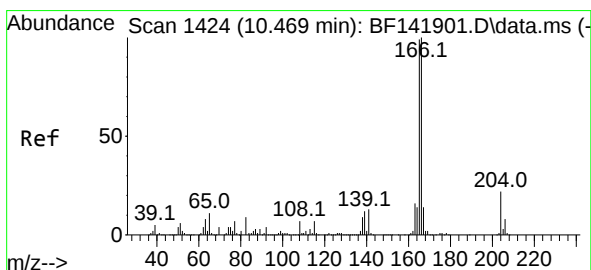
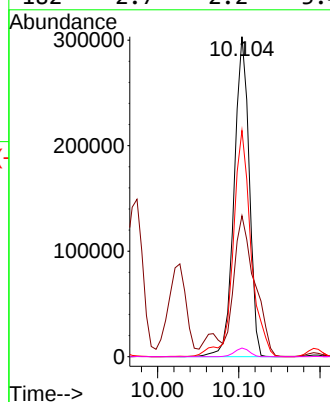
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Supervised By :Jagrut Upadhyay 03/12/2025

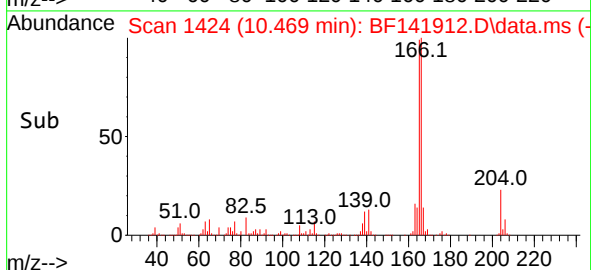
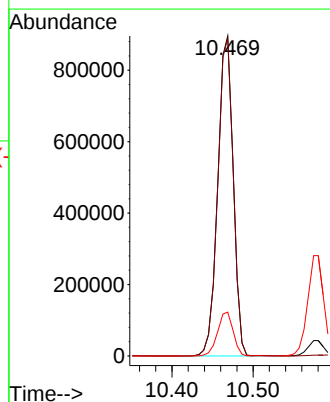
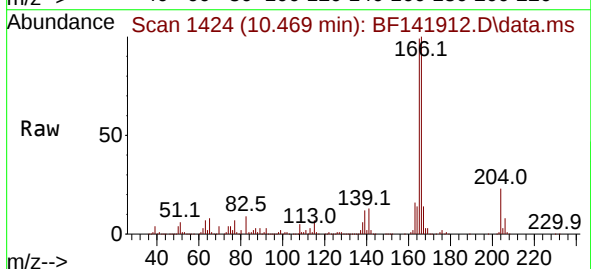
03/12/2025
Supervised By :Jagrut
Upadhyay

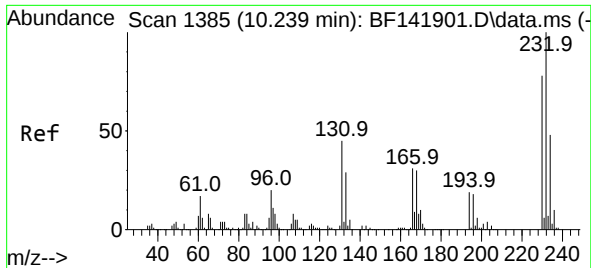
03/12/2025



#58
Fluorene
Concen: 40.862 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

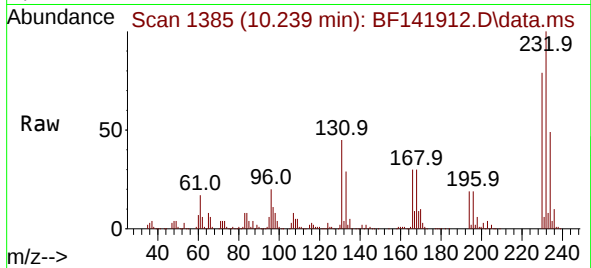
Tgt Ion:166 Resp: 1188252
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.4
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.232 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



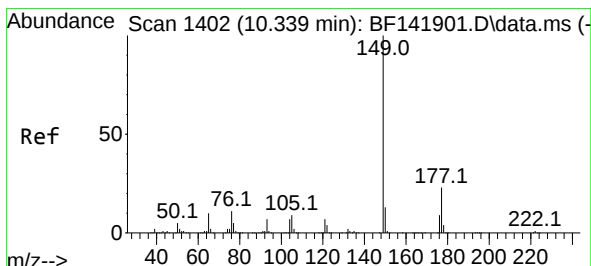
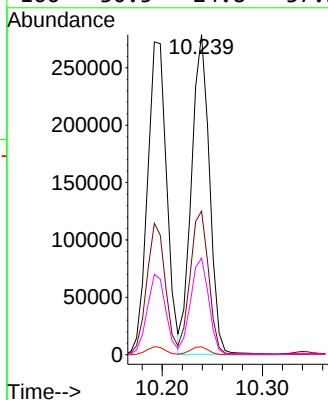
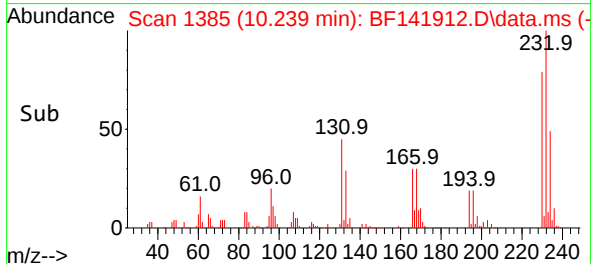
Tgt Ion:232 Resp: 346049
Ion Ratio Lower Upper
232 100
131 46.5 37.3 55.9
130 2.5 1.9 2.9
166 30.5 24.8 37.2

Manual Integrations
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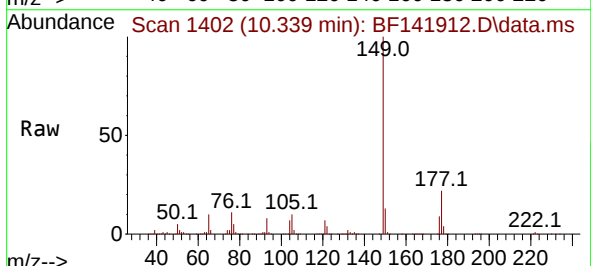
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

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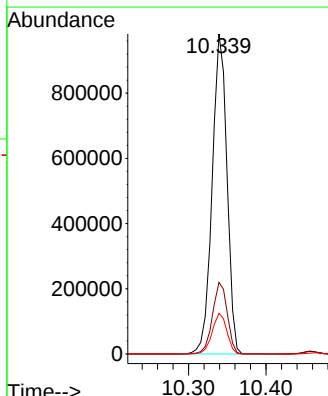
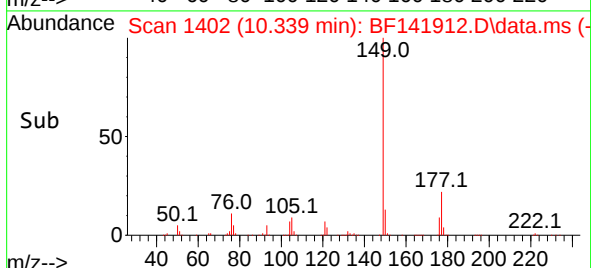
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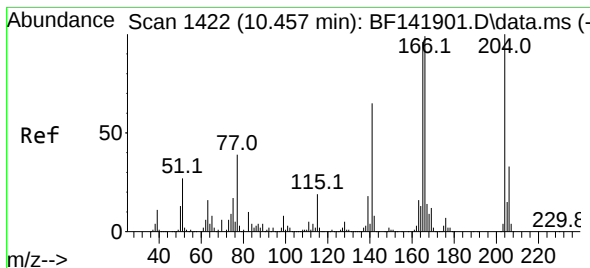


#60
Diethylphthalate
Concen: 41.662 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



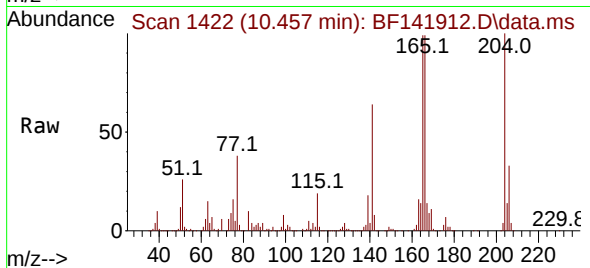
Tgt Ion:149 Resp: 1299882
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.535 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



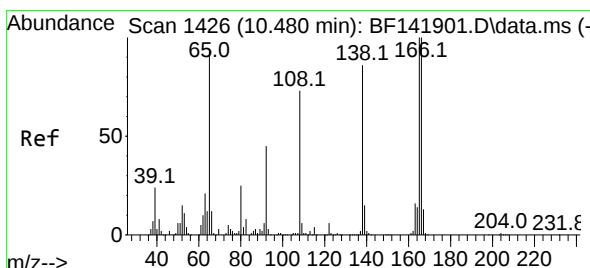
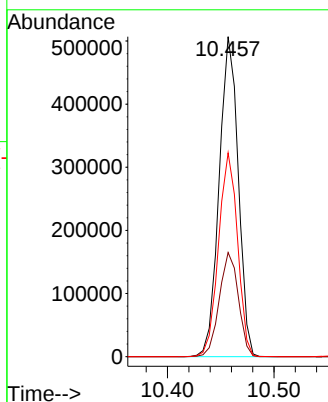
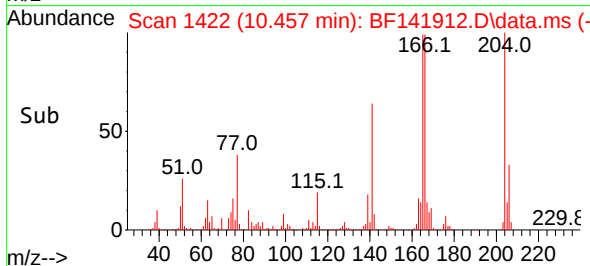
Tgt Ion:204 Resp: 629690
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 63.7 52.4 78.6

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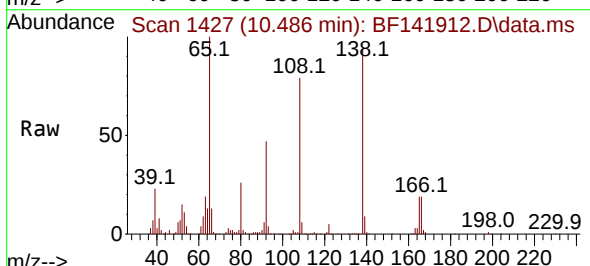
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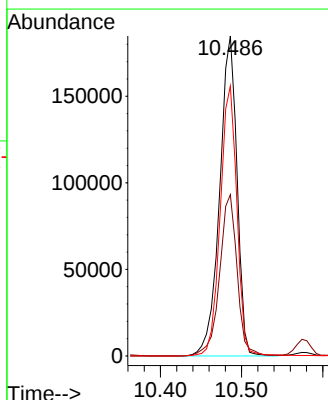
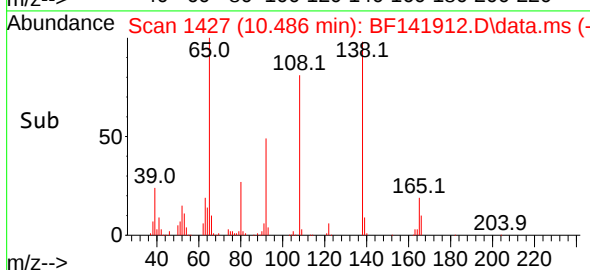
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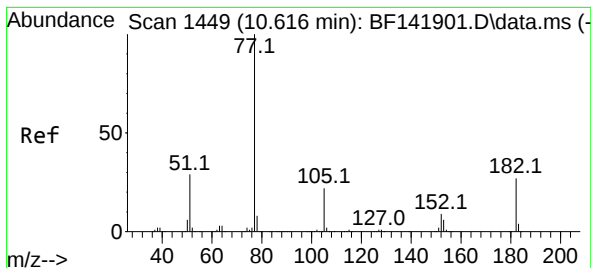


#62
4-Nitroaniline
Concen: 42.878 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51



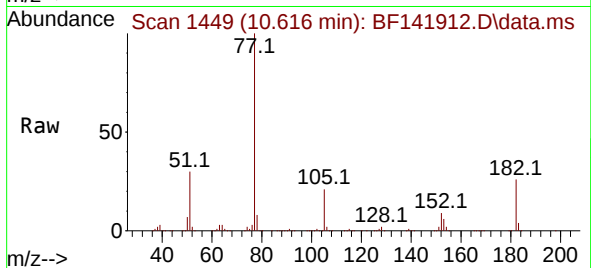
Tgt Ion:138 Resp: 275869
Ion Ratio Lower Upper
138 100
92 50.4 32.6 72.6
108 84.3 65.0 105.0





#63
Azobenzene
Concen: 40.080 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



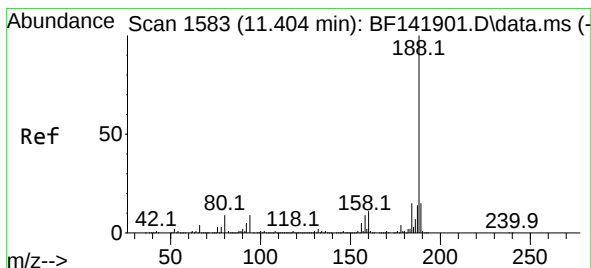
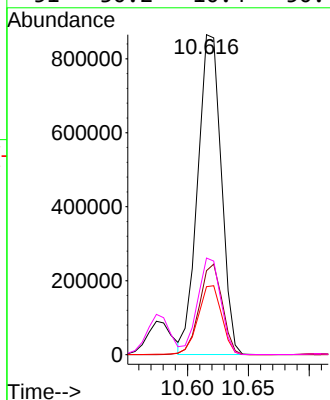
Tgt Ion: 77 Resp: 1162629
Ion Ratio Lower Upper
77 100
182 26.3 6.6 46.6
105 21.3 1.3 41.3
51 30.2 10.4 50.4

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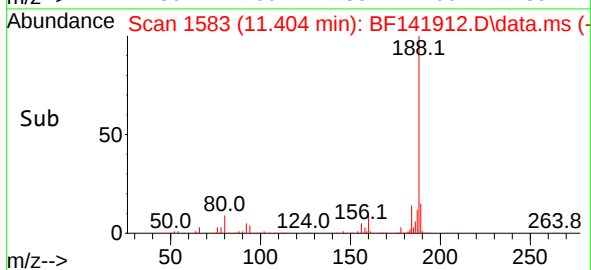
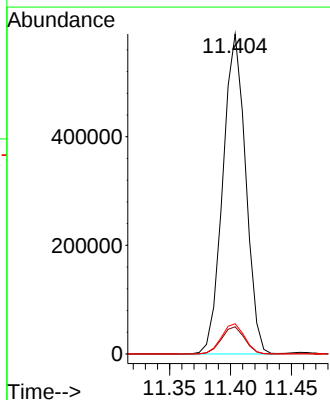
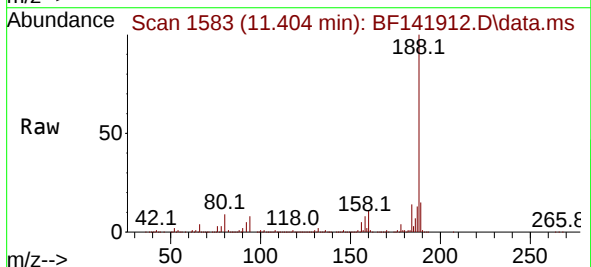
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

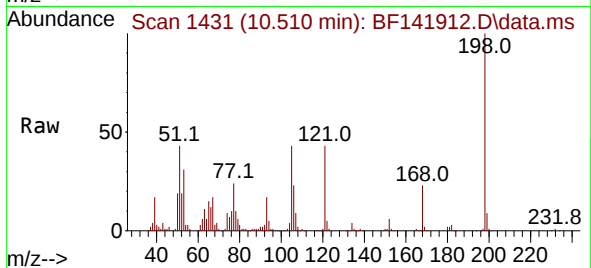
Tgt Ion:188 Resp: 767875
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.5 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.402 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



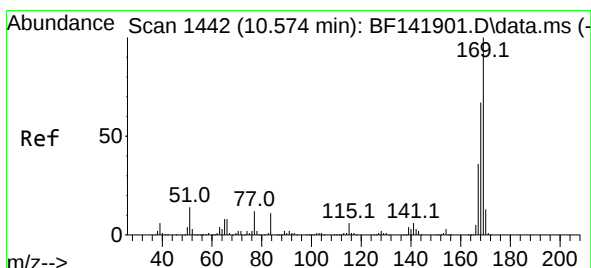
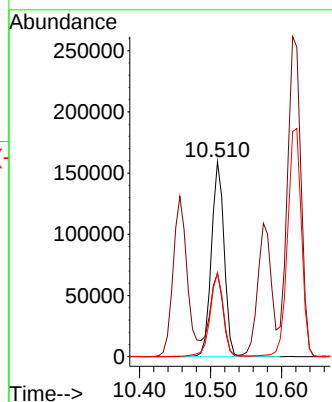
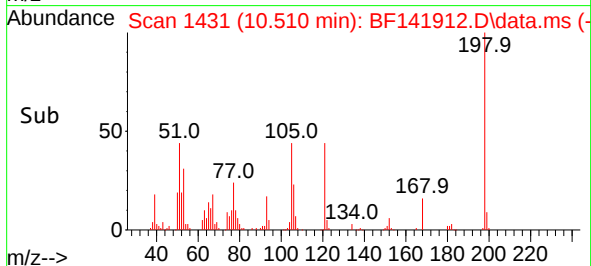
Tgt Ion:198 Resp: 198679
Ion Ratio Lower Upper
198 100
51 42.9 22.3 62.3
105 42.9 23.0 63.0

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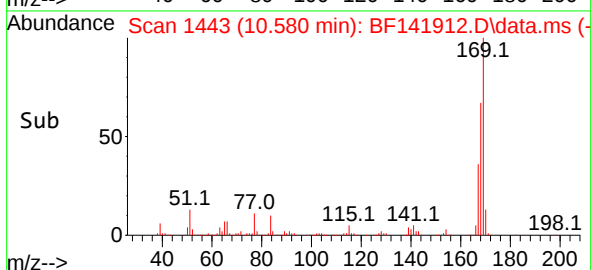
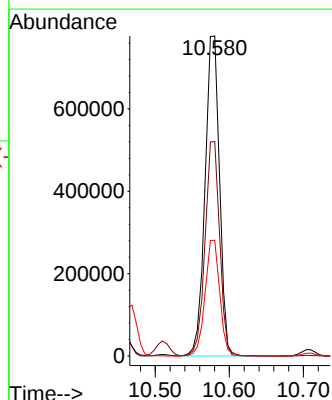
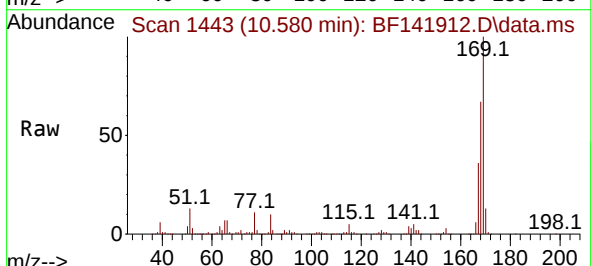
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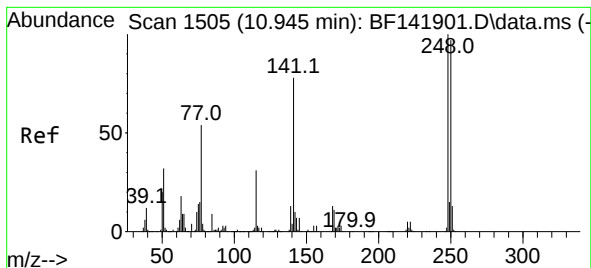
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#66
n-Nitrosodiphenylamine
Concen: 42.496 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

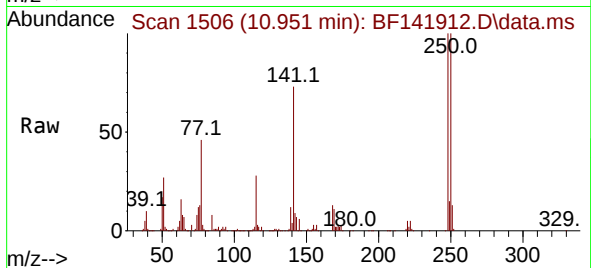
Tgt Ion:169 Resp: 1055983
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.763 ng
RT: 10.951 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



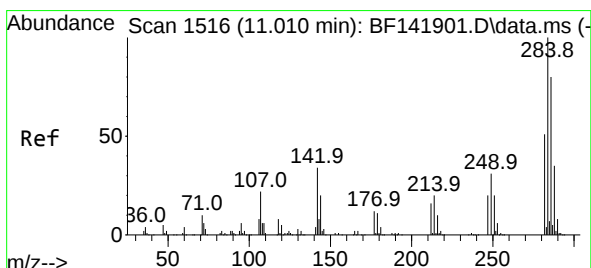
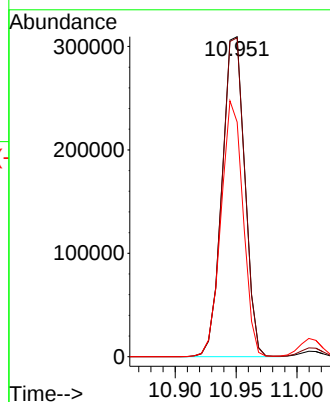
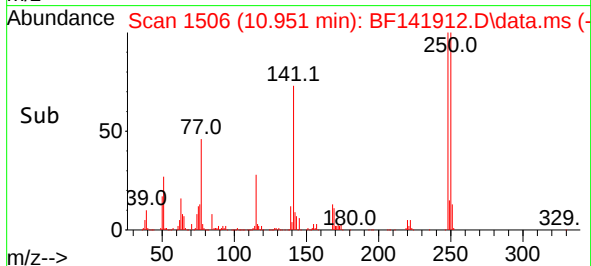
Tgt Ion:248 Resp: 40274
Ion Ratio Lower Upper
248 100
250 99.6 77.8 116.8
141 73.3 62.6 93.8

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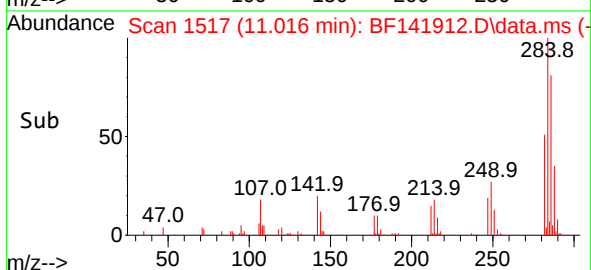
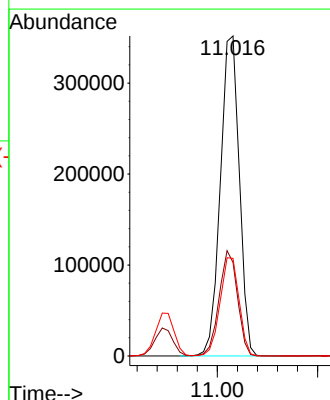
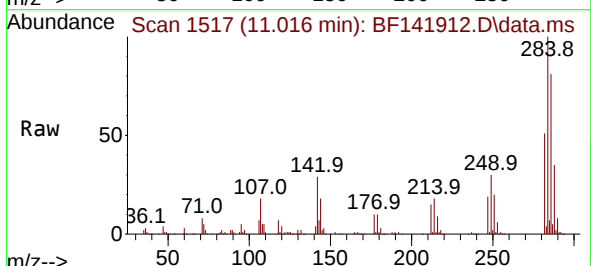
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#68
Hexachlorobenzene
Concen: 43.571 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:284 Resp: 460847
Ion Ratio Lower Upper
284 100
142 29.3 27.0 40.6
249 30.5 25.2 37.8





#69

Atrazine

Concen: 57.129 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS

Tgt Ion:200 Resp: 435190
 Ion Ratio Lower Upper
 200 100
 173 25.0 4.7 44.7
 215 46.0 25.4 65.4

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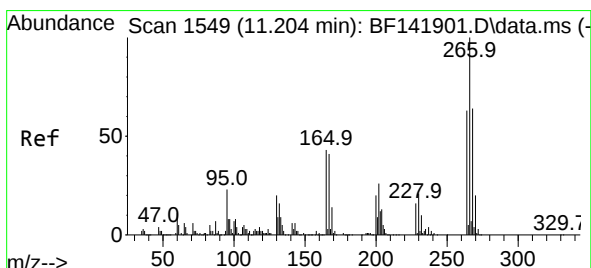
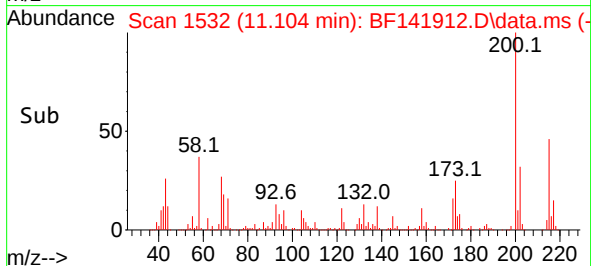
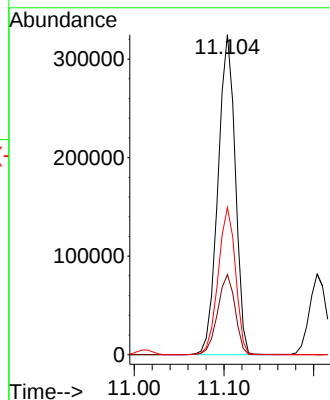
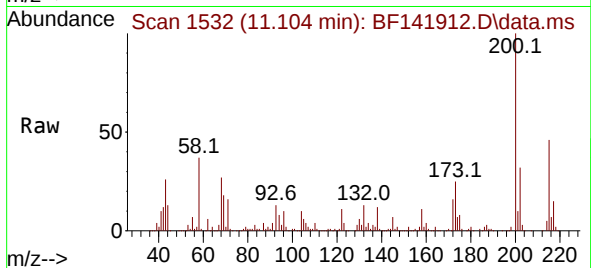
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#70

Pentachlorophenol

Concen: 85.494 ng

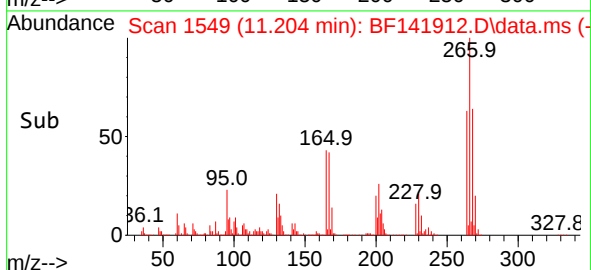
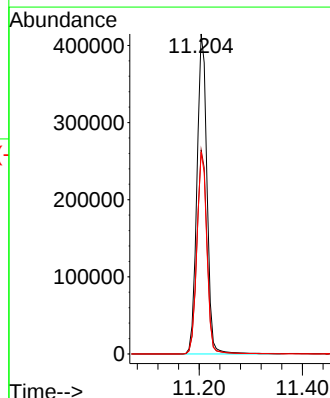
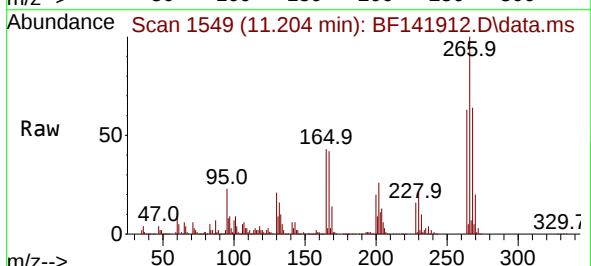
RT: 11.204 min Scan# 1549

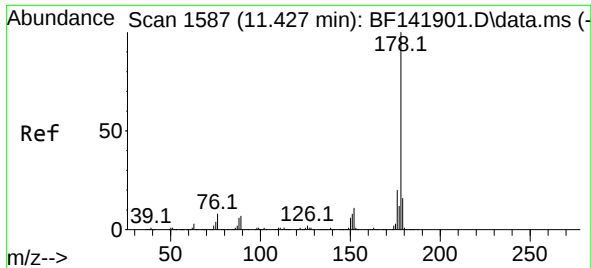
Delta R.T. -0.000 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

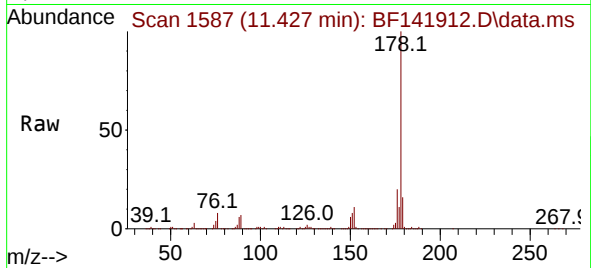
Tgt Ion:266 Resp: 557141
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.0 76.6
 264 63.1 50.2 75.2





#71
Phenanthrene
Concen: 42.487 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

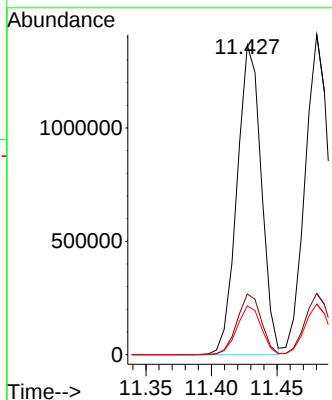
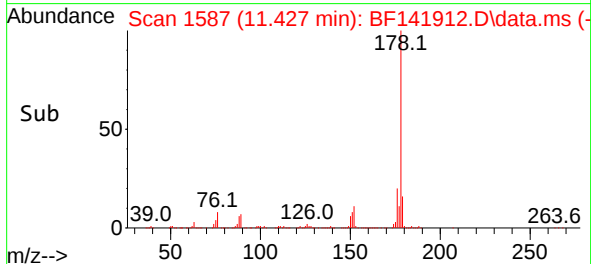
Instrument :
BNA_F
ClientSampleId :
PB167012BS



Tgt Ion:178 Resp: 176215
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.8 12.6 19.0

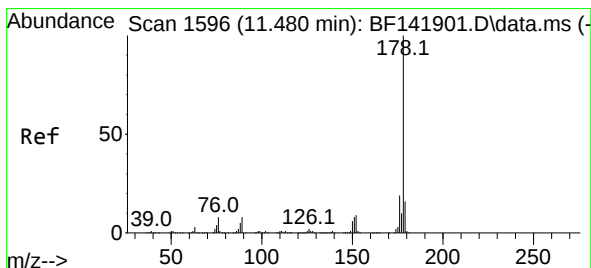
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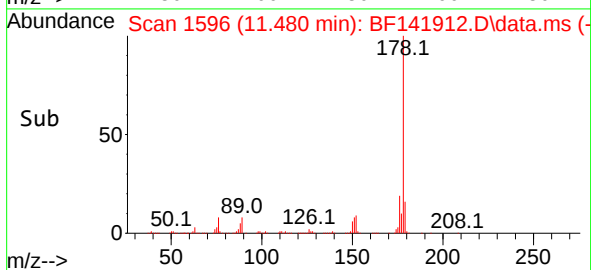
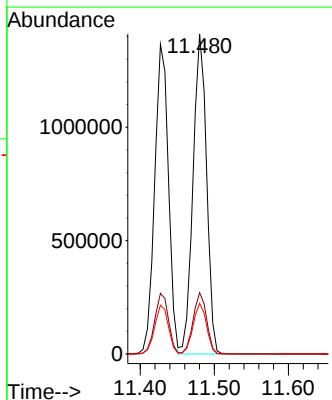
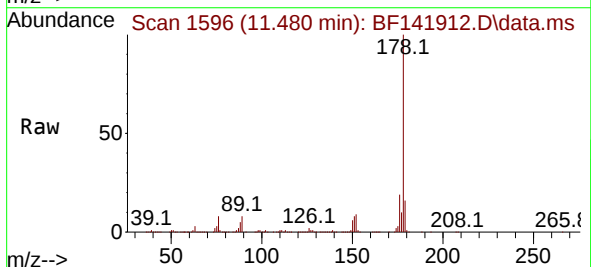
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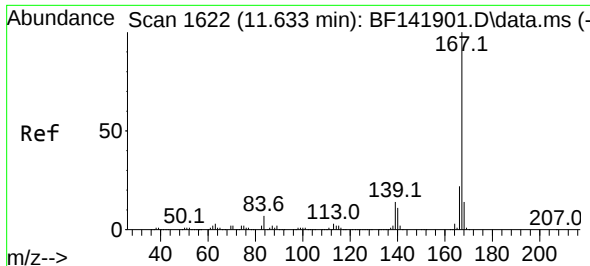
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#72
Anthracene
Concen: 42.963 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:178 Resp: 1787717
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 12.6 19.0





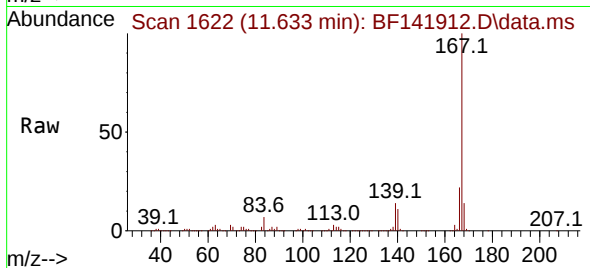
#73
 Carbazole
 Concen: 41.940 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF141912.D
 Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



Tgt Ion:167 Resp: 1505049
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 14.2 11.0 16.6

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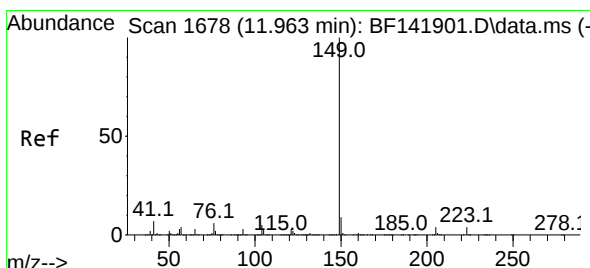
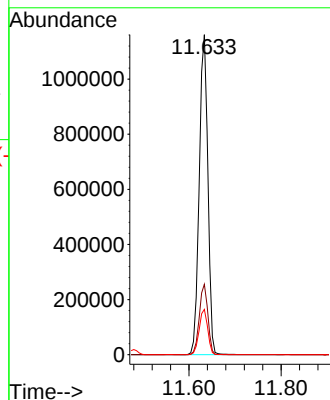
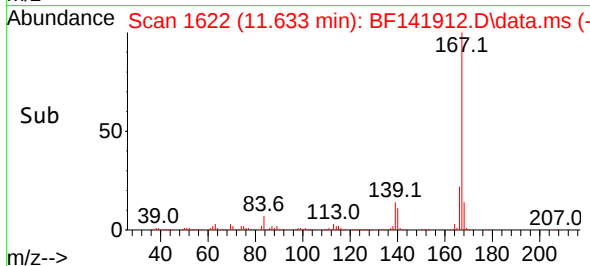
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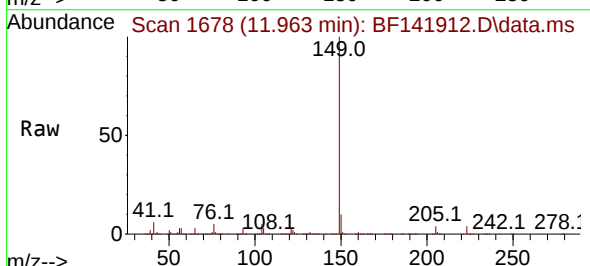
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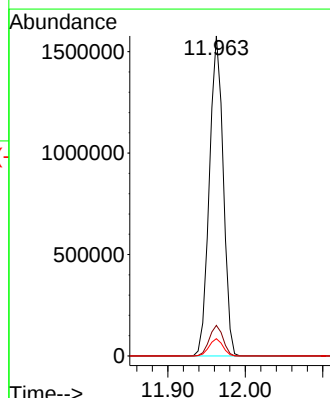
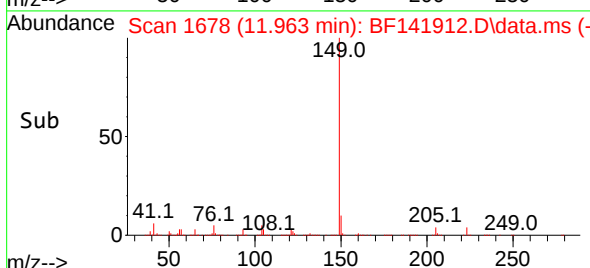
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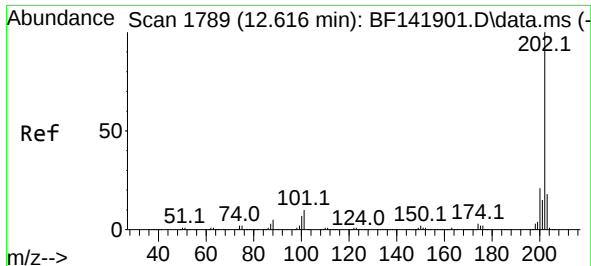


#74
 Di-n-butylphthalate
 Concen: 41.081 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF141912.D
 Acq: 11 Mar 2025 12:51



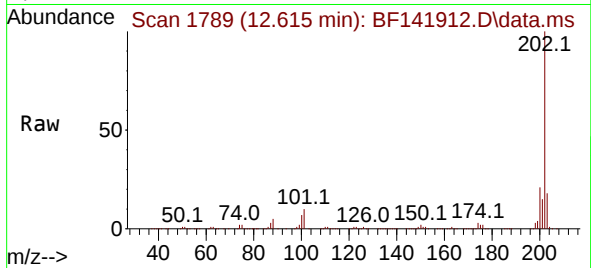
Tgt Ion:149 Resp: 1956127
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 40.750 ng
RT: 12.615 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



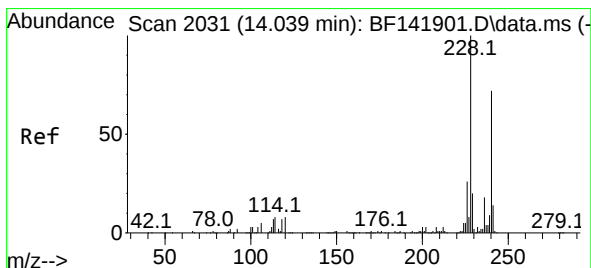
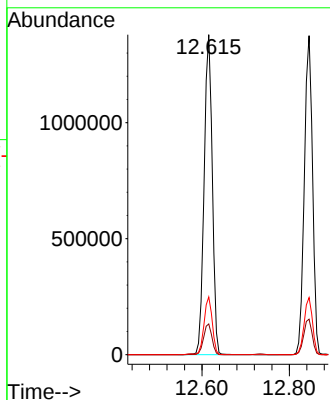
Tgt Ion:202 Resp: 179281
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 18.0 0.0 37.8

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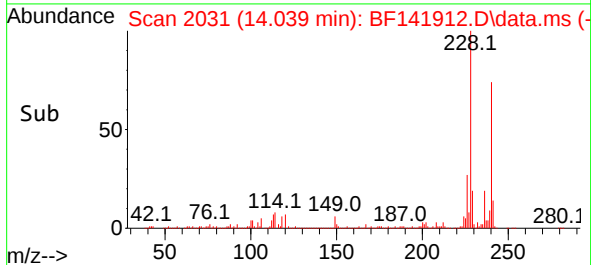
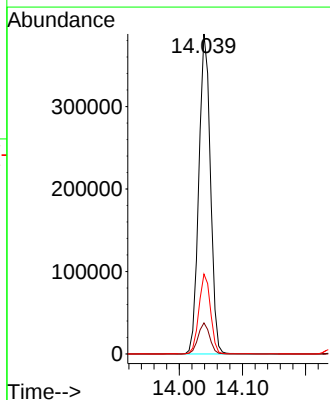
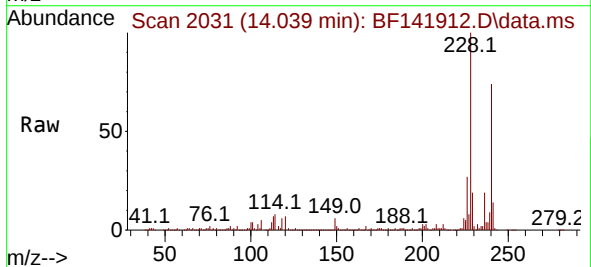
03/12/2025
Supervised By :Jagrut
Upadhyay

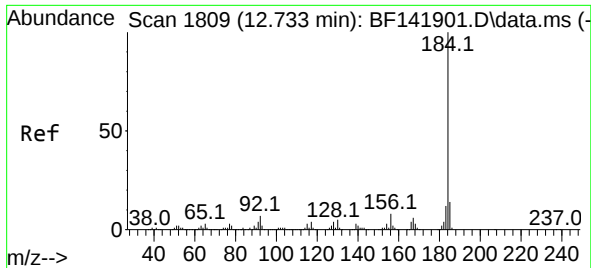
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

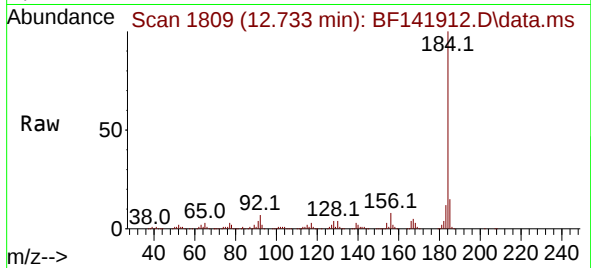
Tgt Ion:240 Resp: 492551
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.0 20.5 30.7





#77
Benzidine
Concen: 79.196 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



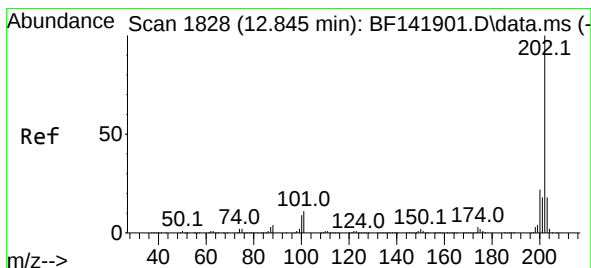
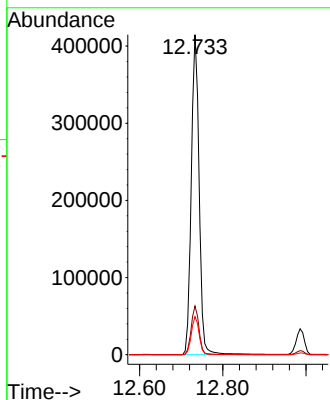
Tgt Ion:184 Resp: 544239
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 11.9 9.7 14.5

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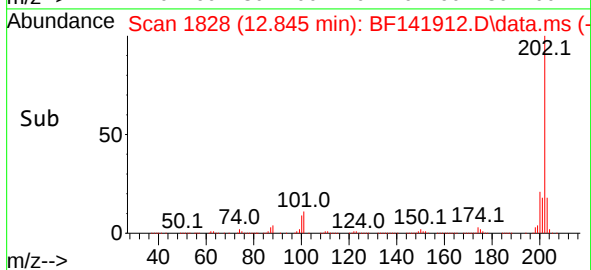
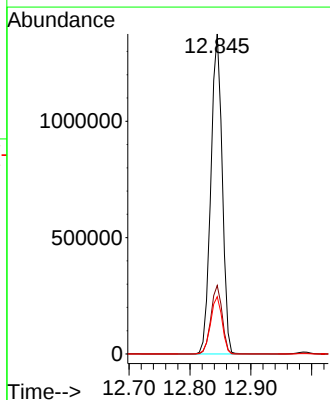
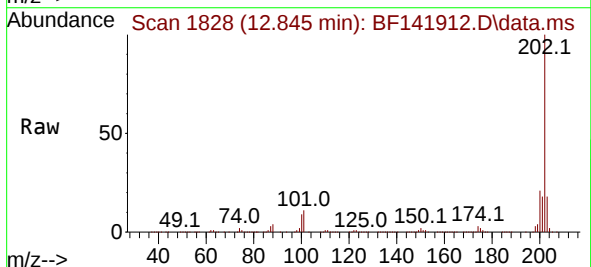
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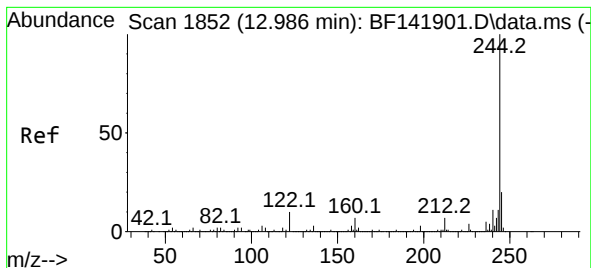
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#78
Pyrene
Concen: 41.663 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

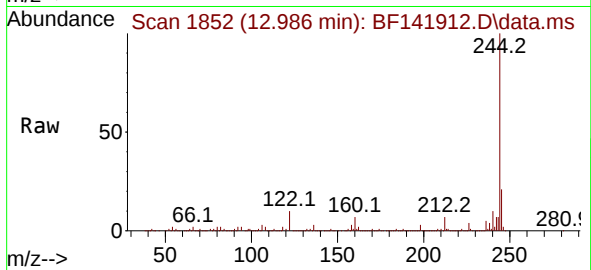
Tgt Ion:202 Resp: 1775108
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.9 14.4 21.6





#79
 Terphenyl-d14
 Concen: 94.387 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF141912.D
 Acq: 11 Mar 2025 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB167012BS



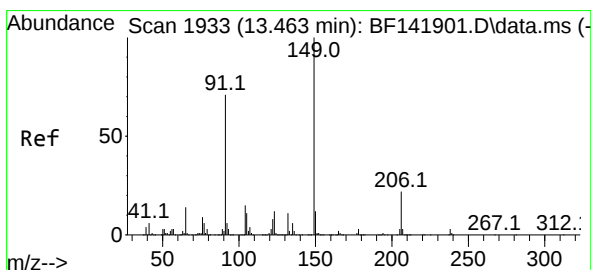
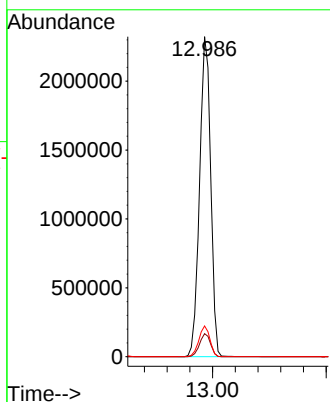
Tgt Ion:244 Resp: 3144530
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.6 7.7 11.5

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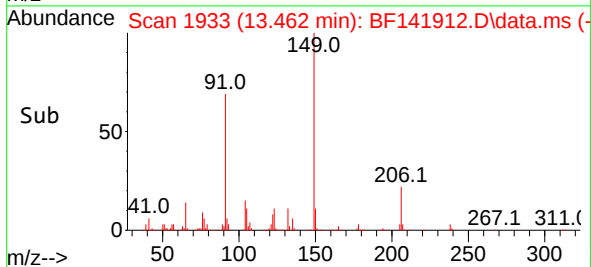
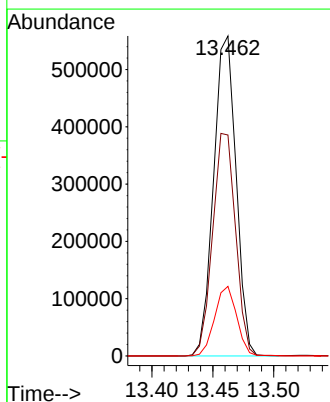
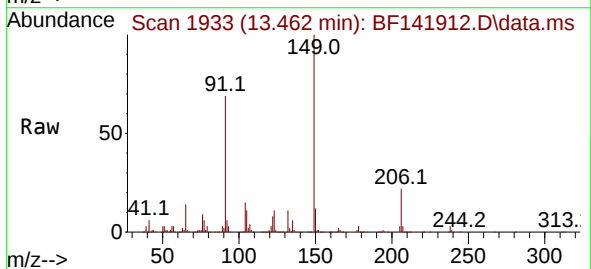
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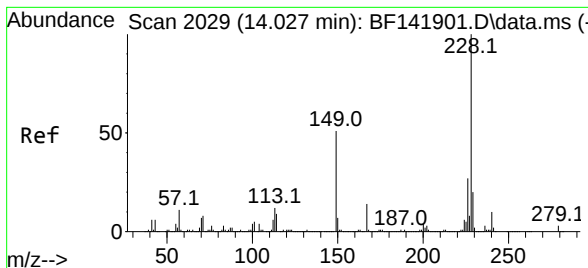
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#80
 Butylbenzylphthalate
 Concen: 43.139 ng
 RT: 13.462 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF141912.D
 Acq: 11 Mar 2025 12:51

Tgt Ion:149 Resp: 719394
 Ion Ratio Lower Upper
 149 100
 91 69.1 56.5 84.7
 206 21.8 17.3 25.9





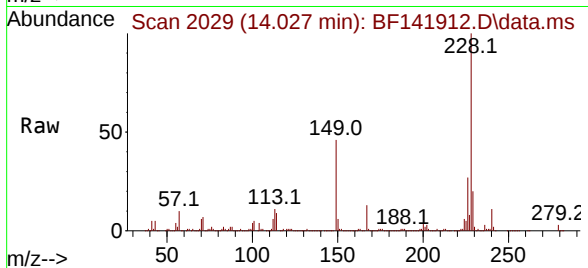
#81
Benzo(a)anthracene
Concen: 44.211 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

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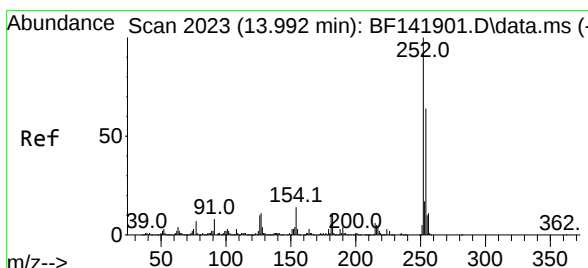
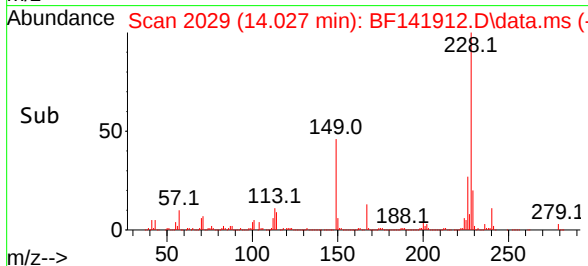
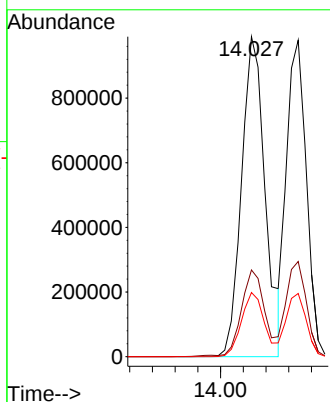
Tgt Ion:228 Resp: 142895
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 20.0 16.0 24.0

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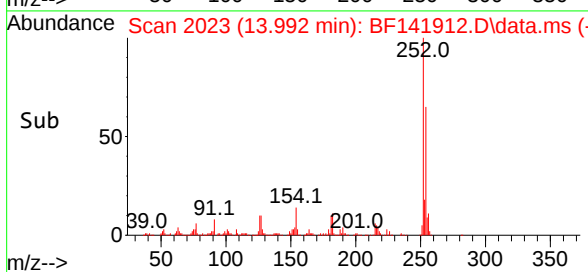
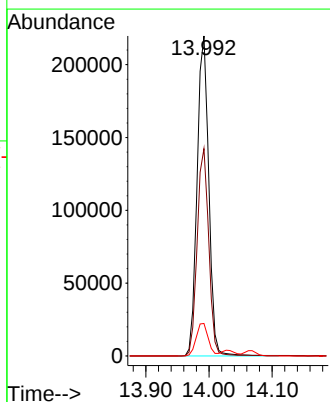
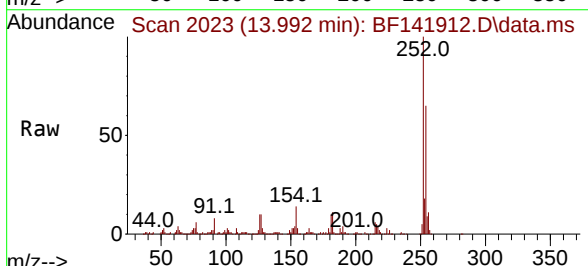
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#82
3,3'-Dichlorobenzidine
Concen: 30.125 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:252 Resp: 281380
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.6
126 10.1 8.4 12.6





#83

Chrysene

Concen: 40.541 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BF141912.D

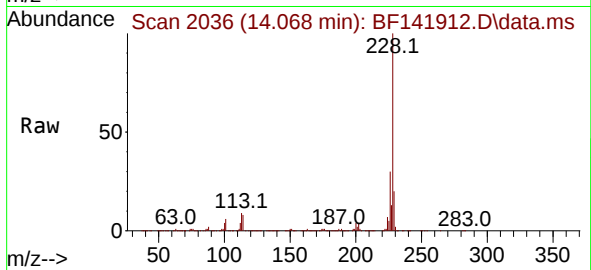
Acq: 11 Mar 2025 12:51

Instrument :

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Tgt Ion:228 Resp: 118779

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 15.7 23.5

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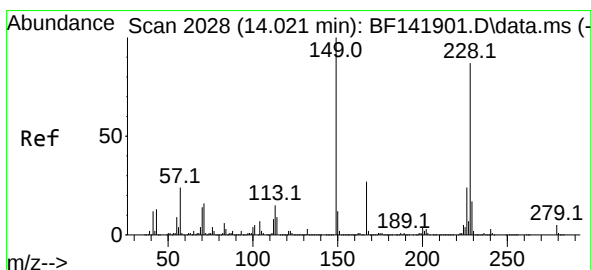
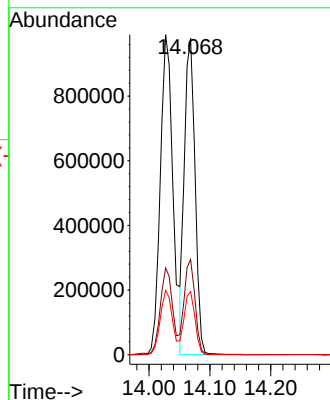
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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.141 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141912.D

Acq: 11 Mar 2025 12:51

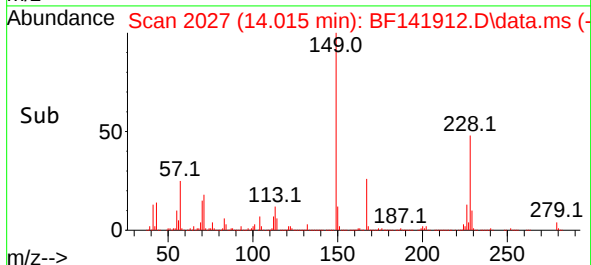
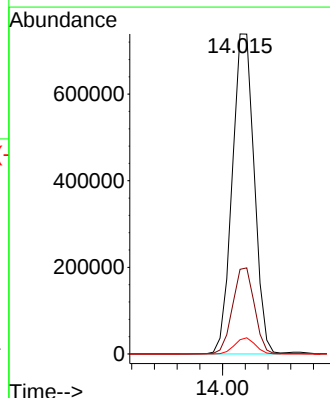
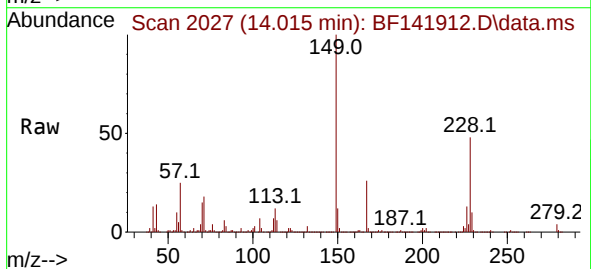
Tgt Ion:149 Resp: 991942

Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

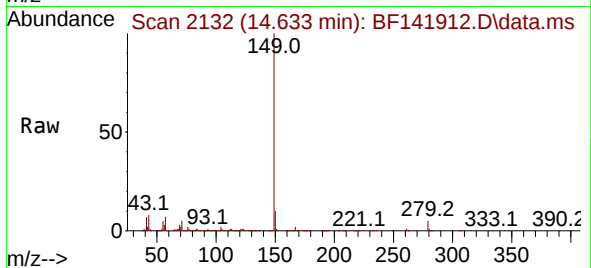
279 4.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 44.114 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



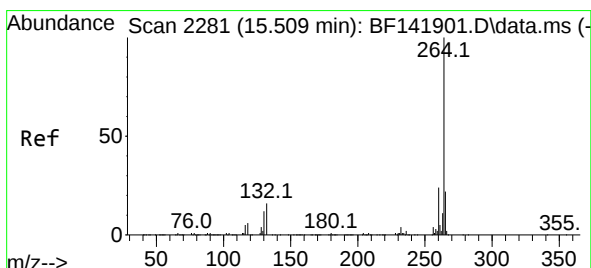
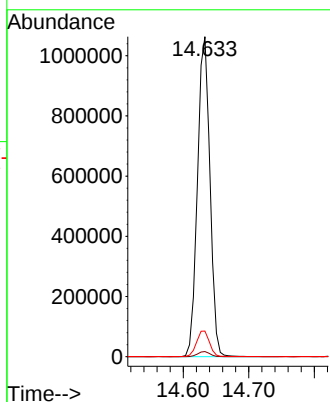
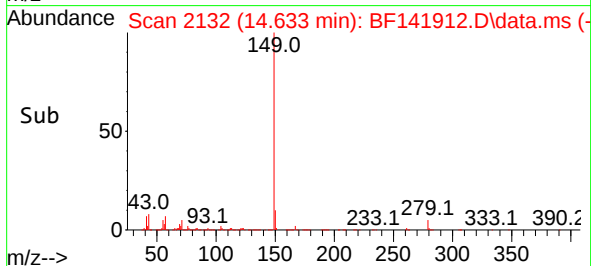
Tgt Ion:149 Resp: 1411310
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.9 10.3

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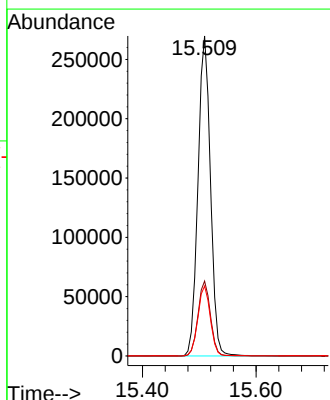
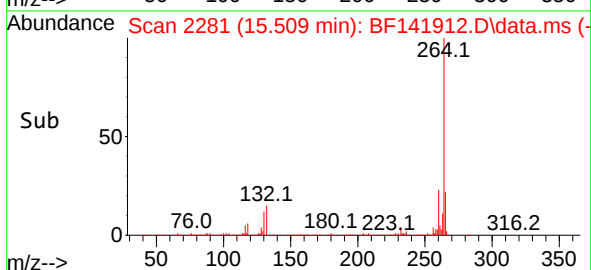
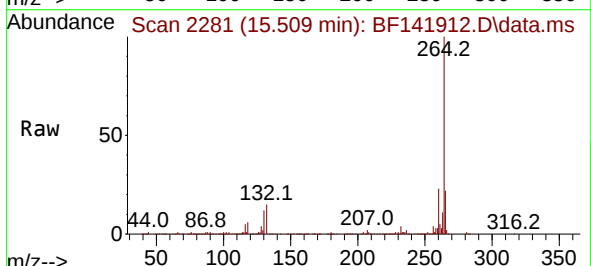
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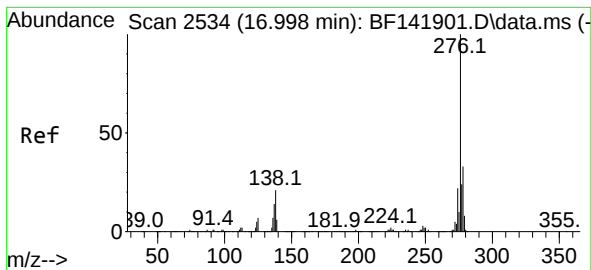
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

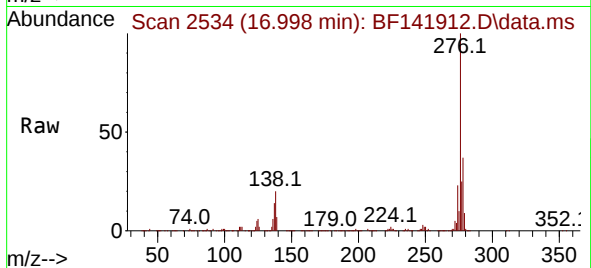
Tgt Ion:264 Resp: 412337
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.757 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :
BNA_F
ClientSampleId :
PB167012BS



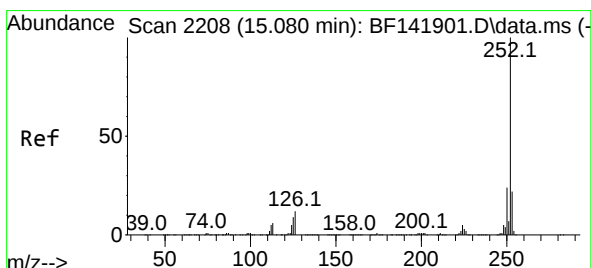
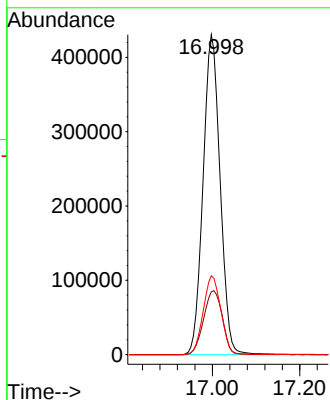
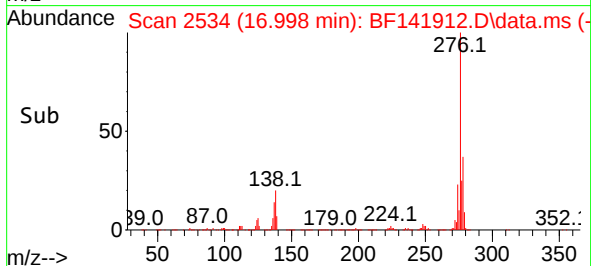
Tgt Ion:276 Resp: 116714
Ion Ratio Lower Upper
276 100
138 22.1 18.4 27.6
277 25.6 20.3 30.5

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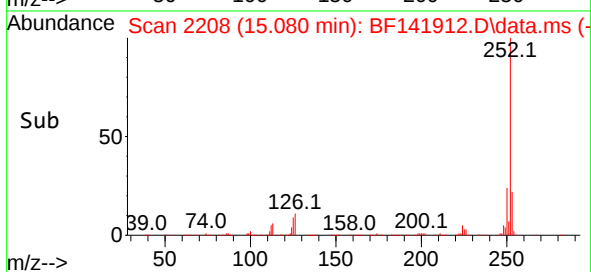
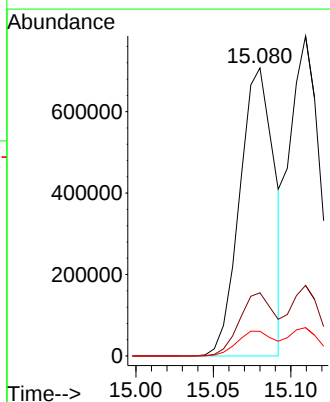
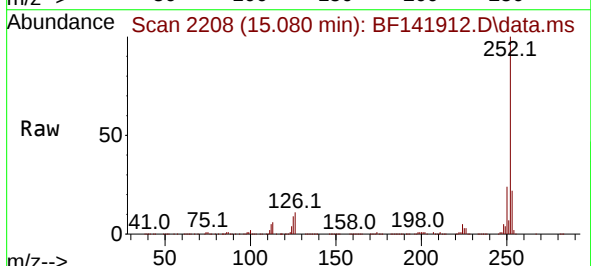
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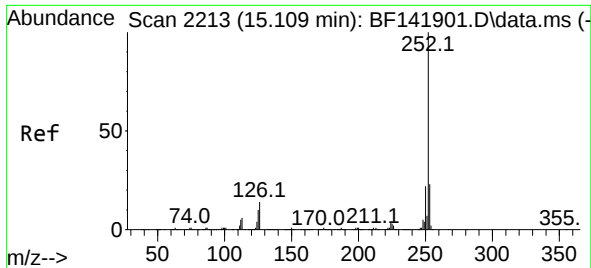
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#88
Benzo(b)fluoranthene
Concen: 38.761 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:252 Resp: 1095375
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.6 7.0 10.4





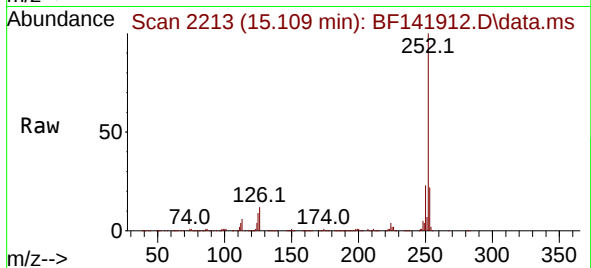
#89
Benzo(k)fluoranthene
Concen: 44.523 ng
RT: 15.109 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



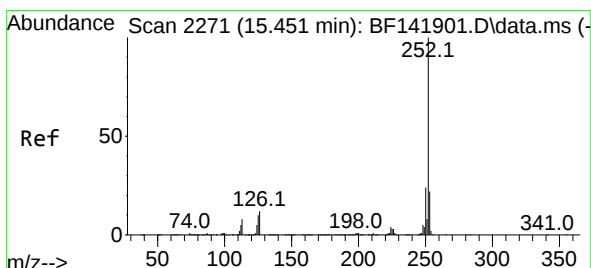
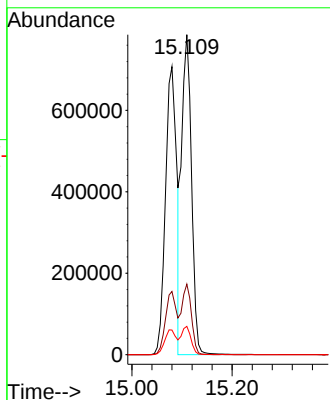
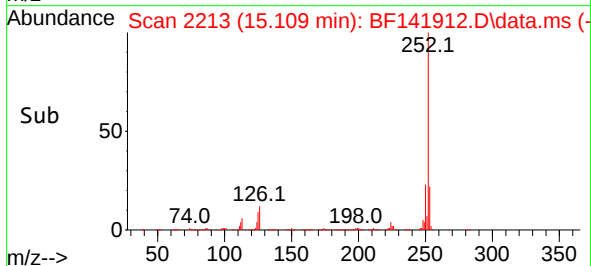
Tgt Ion:252 Resp: 107673
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.8 7.2 10.8

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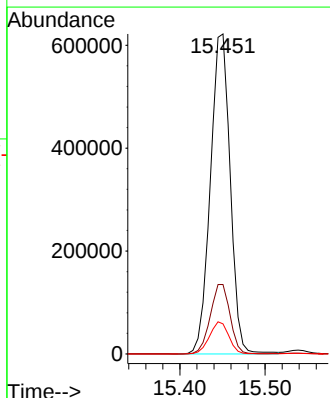
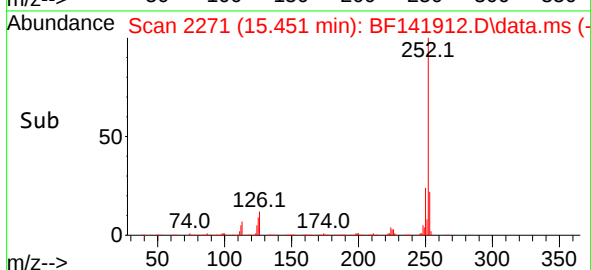
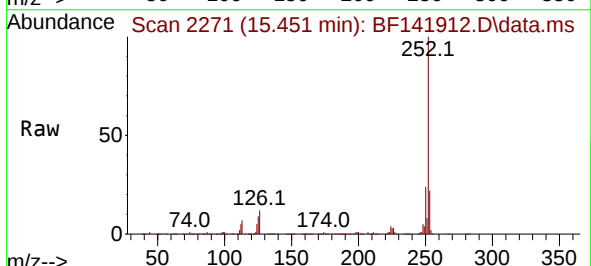
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#90
Benzo(a)pyrene
Concen: 45.430 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:252 Resp: 1004550
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.4 7.8 11.8





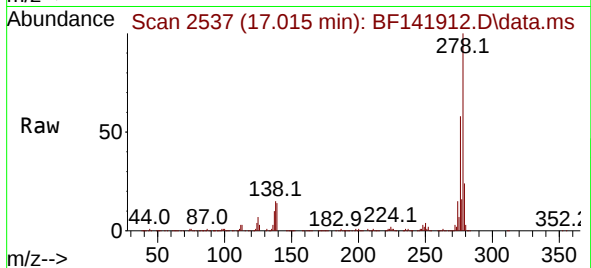
#91
Dibenzo(a,h)anthracene
Concen: 43.683 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.006 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Instrument :

BNA_F

ClientSampleId :

PB167012BS



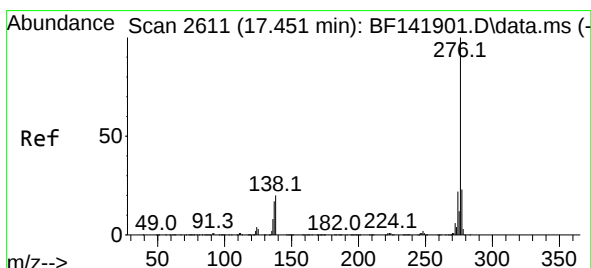
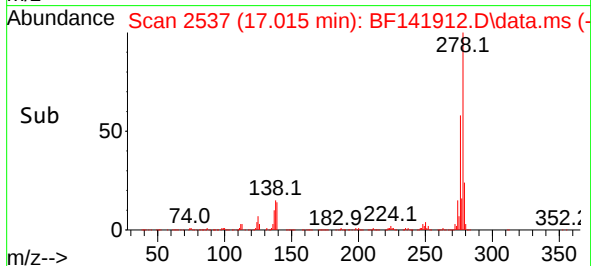
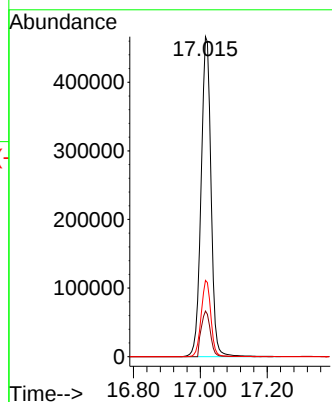
Tgt Ion:278 Resp: 961369
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 23.8 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 40.376 ng
RT: 17.450 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BF141912.D
Acq: 11 Mar 2025 12:51

Tgt Ion:276 Resp: 878097
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 18.7 15.8 23.8

