

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128898.D
 Acq On : 21 Jun 2022 14:14
 Operator : CG\JU
 Sample : N3373-13RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-7WCRE

Quant Time: Jun 22 01:49:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

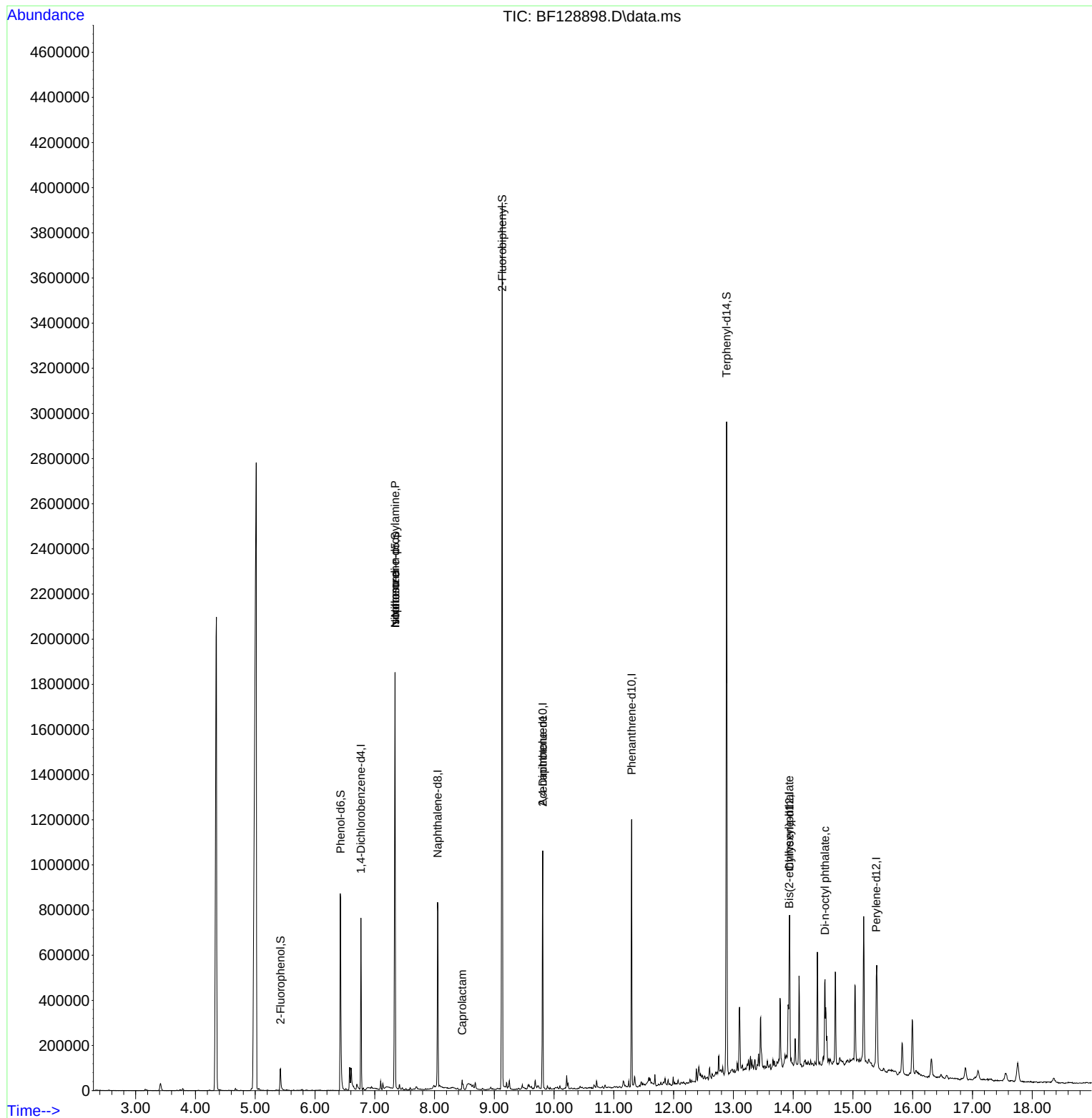
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	95747	20.00	ng	0.01
21) Naphthalene-d8	8.051	136	361796	20.00	ng	0.01
39) Acenaphthene-d10	9.810	164	200884	20.00	ng	0.02
64) Phenanthrene-d10	11.298	188	387029	20.00	ng	# 0.02
76) Chrysene-d12	13.939	240	185051	20.00	ng	# 0.01
86) Perylene-d12	15.392	264	154325	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	29133	4.85	ng	0.04
7) Phenol-d6	6.428	99	296393	40.39	ng	0.01
23) Nitrobenzene-d5	7.340	82	571425	73.54	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	197	0.08	ng	0.02
45) 2-Fluorobiphenyl	9.133	172	1144039	79.78	ng	0.02
79) Terphenyl-d14	12.886	244	1007825	94.64	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	80801	17.71	ng	# 75
25) Isophorone	7.340	82	570069	48.30	ng	# 65
35) Caprolactam	8.463	113	3387	2.21	ng	# 91
57) 2,4-Dinitrotoluene	9.810	165	25791	7.12	ng	# 21
84) Bis(2-ethylhexyl)phtha...	13.933	149	184383	24.53	ng	# 58
85) Di-n-octyl phthalate	14.533	149	304262	26.88	ng	# 95

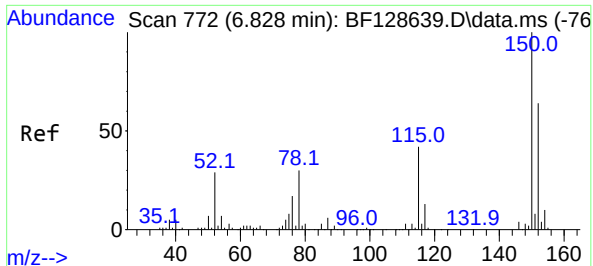
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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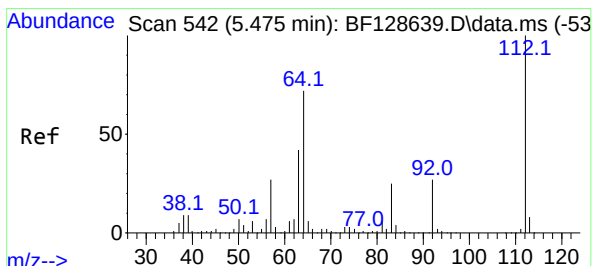
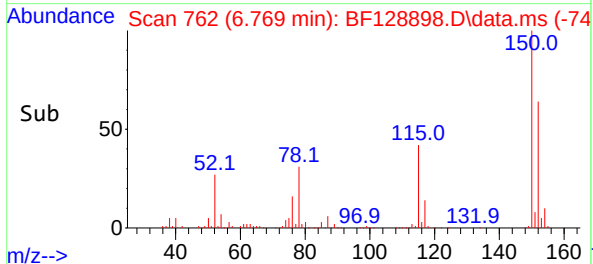
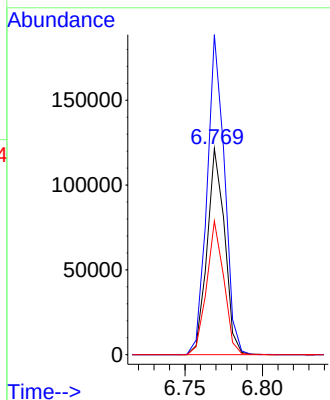
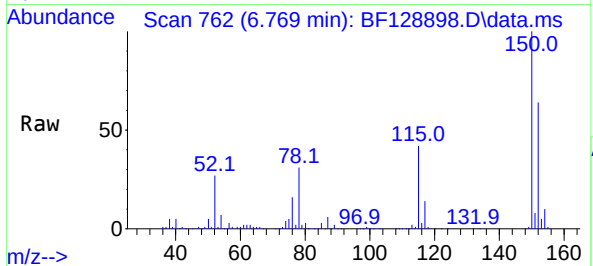




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

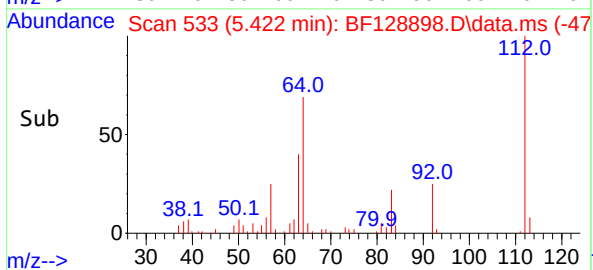
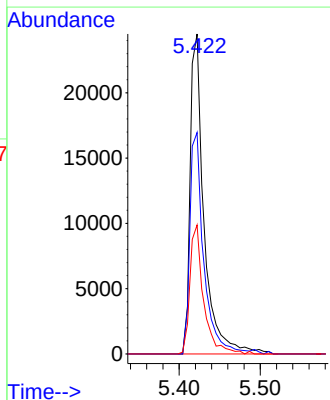
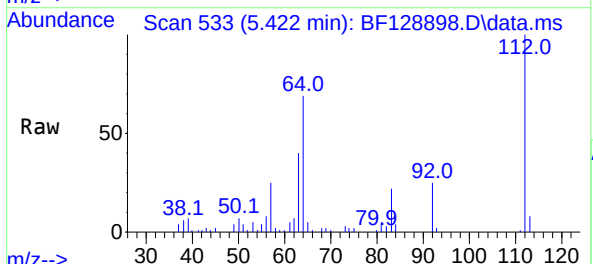
Instrument :
BNA_F
ClientSampleId :
DS-7WCRE

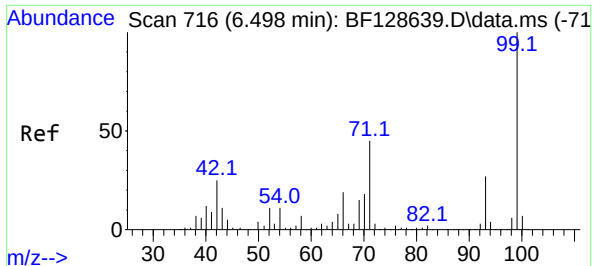
Tgt Ion:152 Resp: 95747
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 64.8 49.9 74.9



#5
2-Fluorophenol
Concen: 4.85 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.035 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Tgt Ion:112 Resp: 29133
Ion Ratio Lower Upper
112 100
64 69.2 53.3 79.9
63 40.3 28.0 42.0

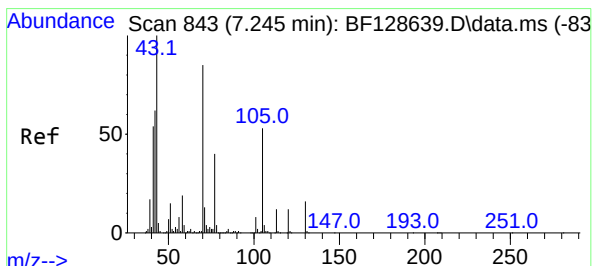
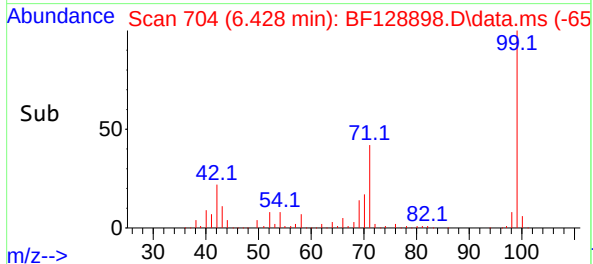
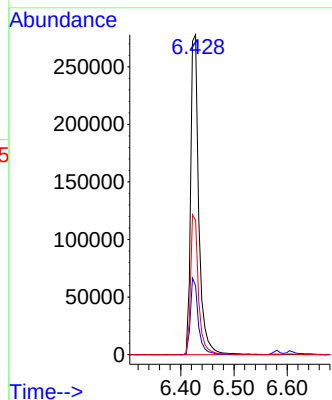
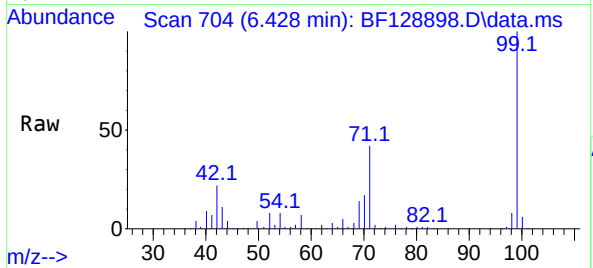




#7
Phenol-d6
Concen: 40.39 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.012 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

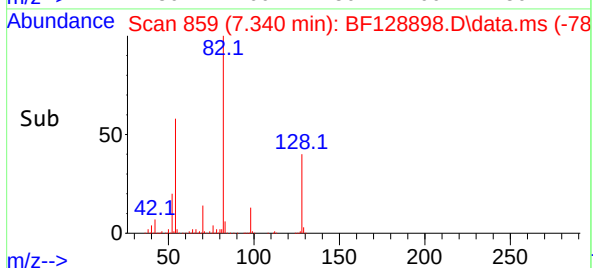
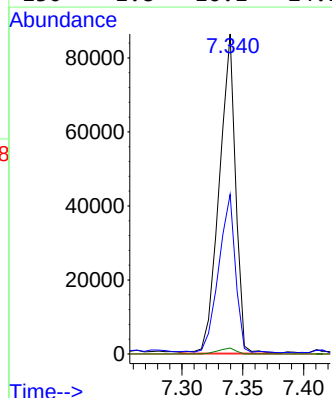
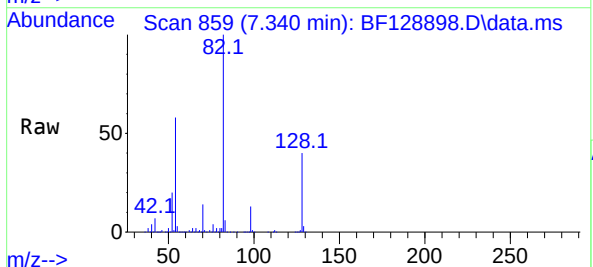
Instrument :
BNA_F
ClientSampleId :
DS-7WCRE

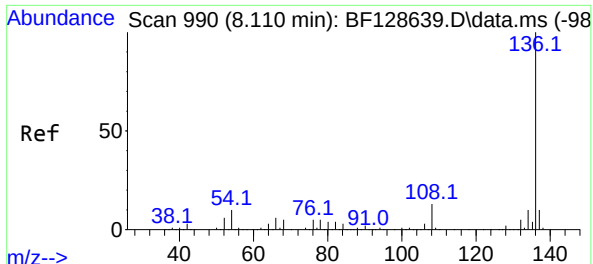
Tgt Ion: 99 Resp: 296393
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 42.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.71 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.159 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

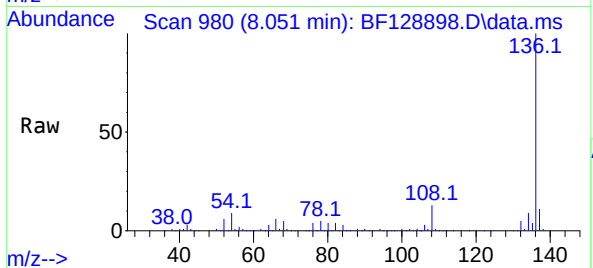
Tgt Ion: 70 Resp: 80801
Ion Ratio Lower Upper
70 100
42 49.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#





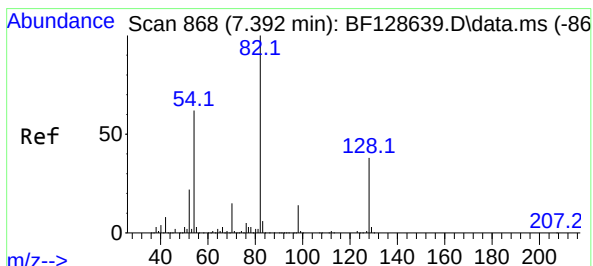
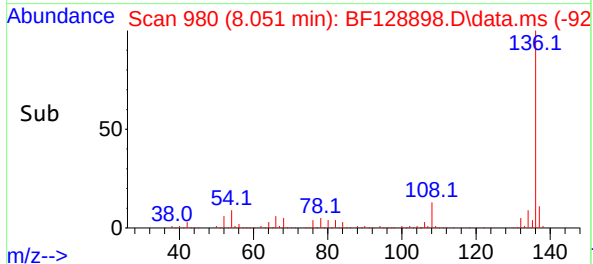
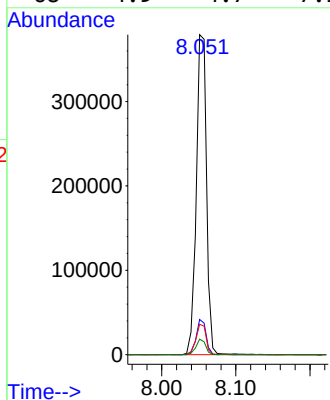
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Instrument :
BNA_F
ClientSampleId :
DS-7WCRE



Tgt Ion:136 Resp: 361796

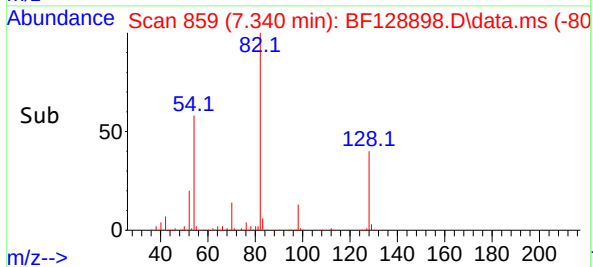
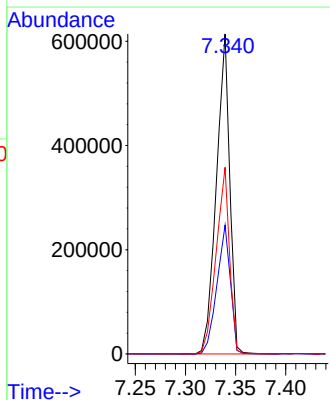
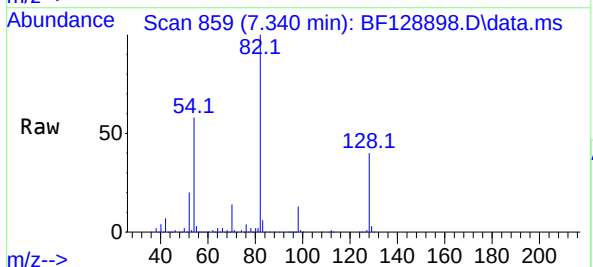
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.5	7.5	11.3
68	4.9	4.7	7.1

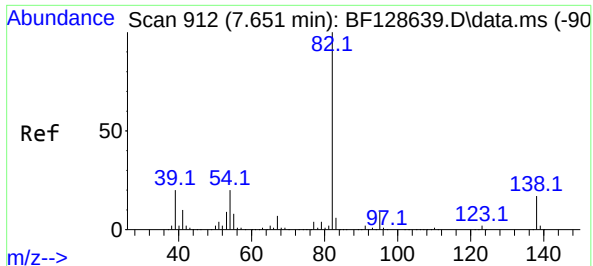


#23
Nitrobenzene-d5
Concen: 73.54 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.012 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Tgt Ion: 82 Resp: 571425

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.0	51.0
54	58.3	46.9	70.3

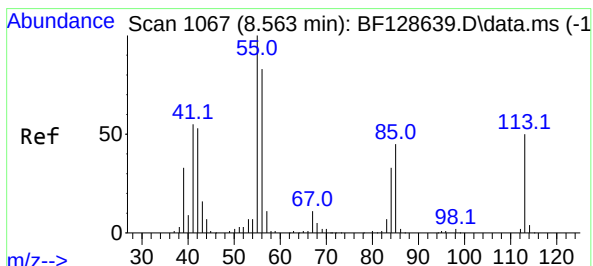
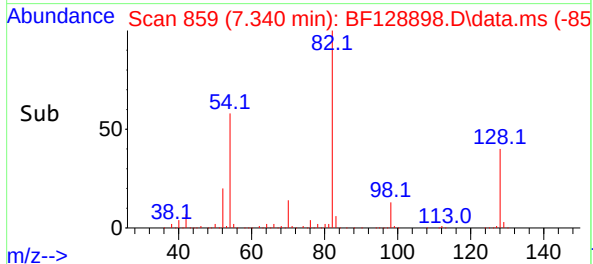
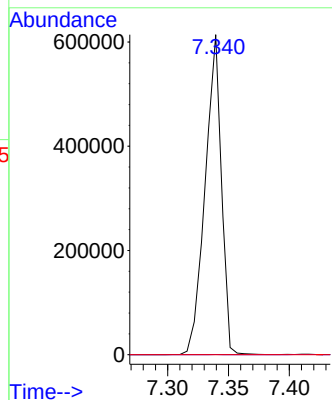
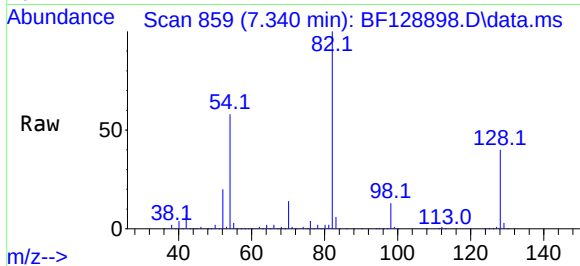




#25
Isophorone
Concen: 48.30 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.247 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

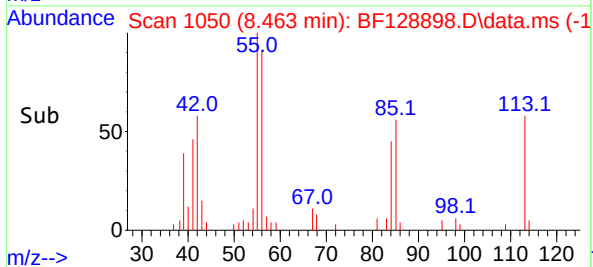
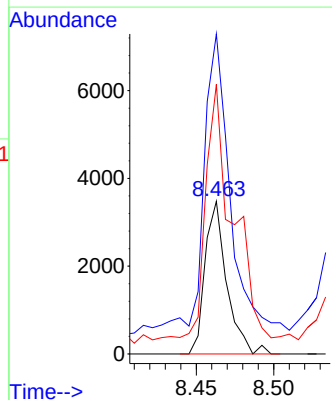
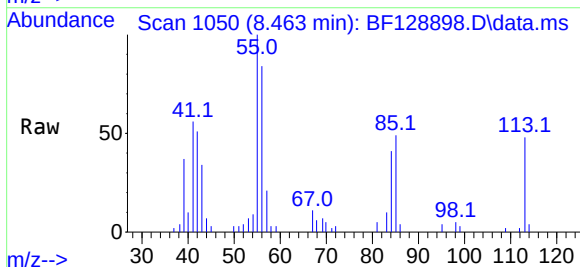
Instrument :
BNA_F
ClientSampleId :
DS-7WCRE

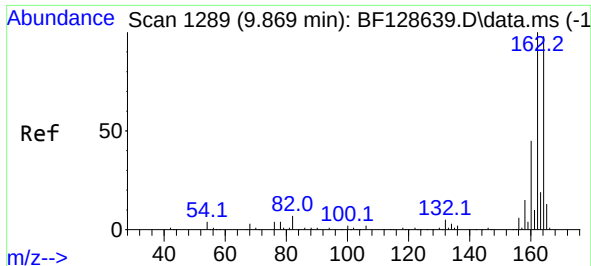
Tgt Ion: 82 Resp: 570069
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#35
Caprolactam
Concen: 2.21 ng
RT: 8.463 min Scan# 1050
Delta R.T. -0.035 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Tgt Ion: 113 Resp: 3387
Ion Ratio Lower Upper
113 100
55 209.6 188.5 228.5
56 176.6 130.6 170.6#

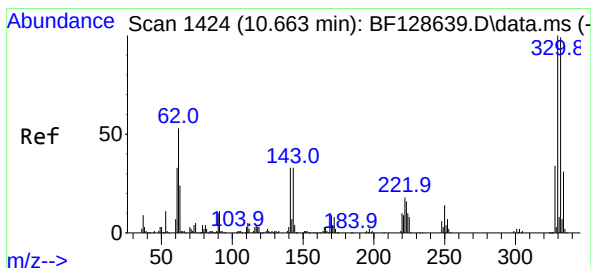
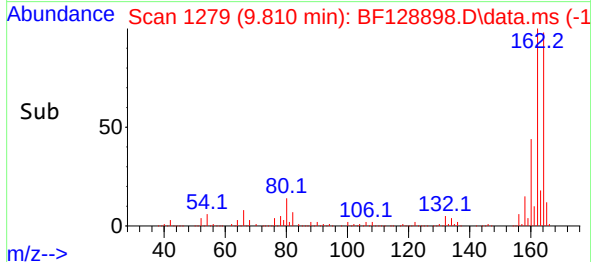
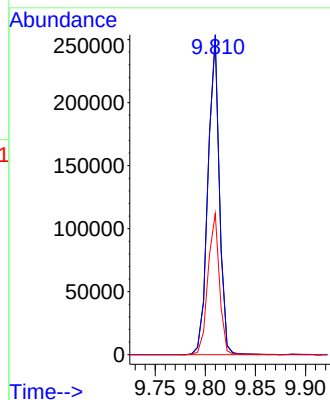
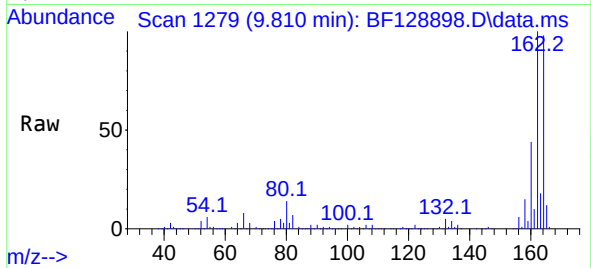




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

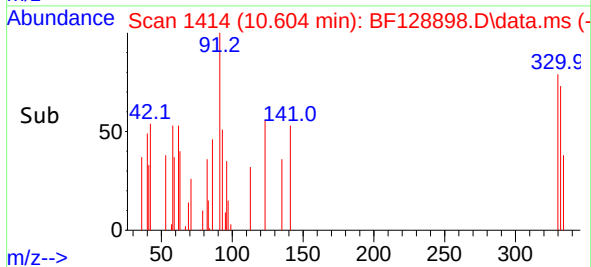
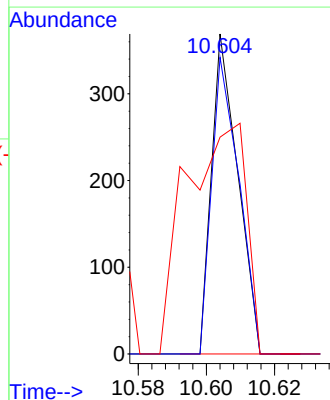
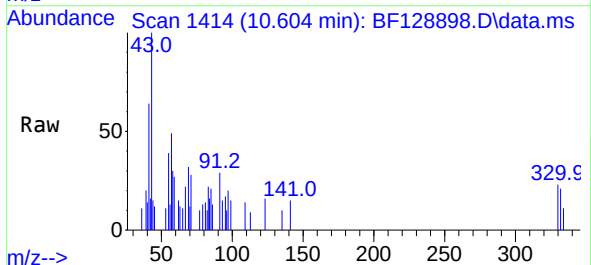
Instrument :
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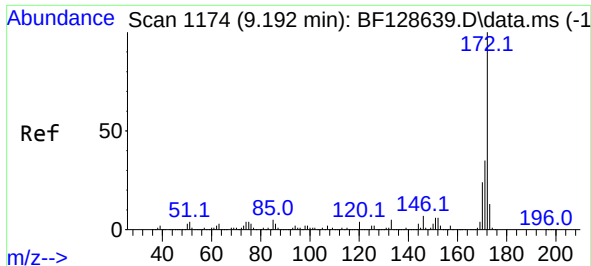
Tgt Ion:164 Resp: 200884
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 44.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.018 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 165.0 28.0 42.0#

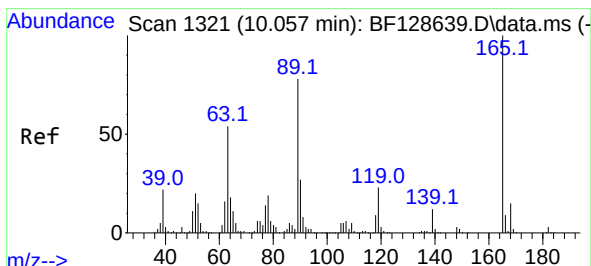
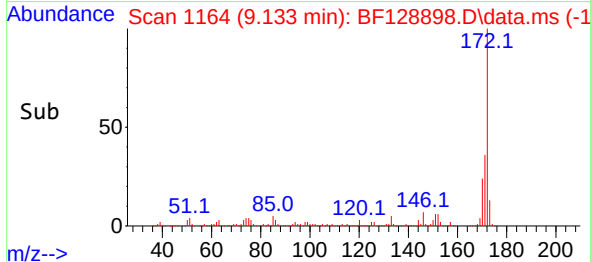
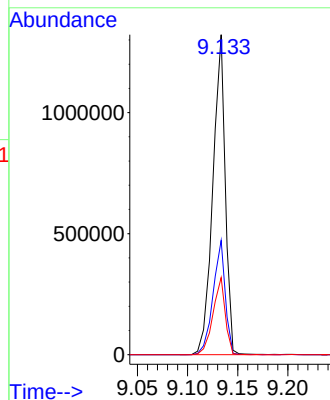
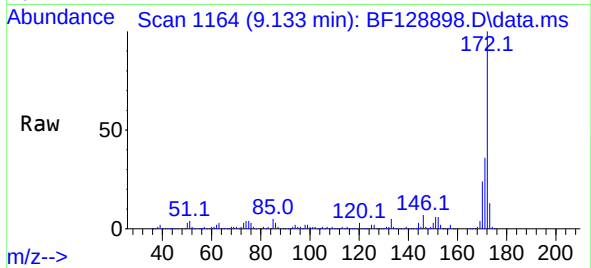




#45
2-Fluorobiphenyl
Concen: 79.78 ng
RT: 9.133 min Scan# 1174
Delta R.T. 0.018 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

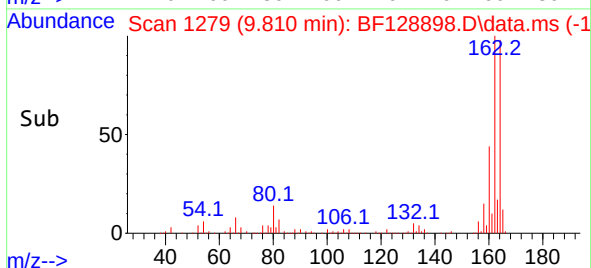
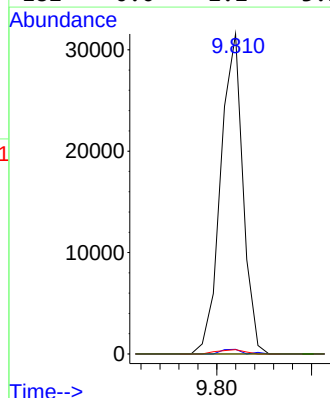
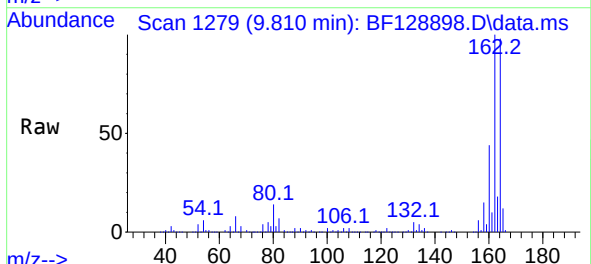
Instrument :
BNA_F
ClientSampleId :
DS-7WCRE

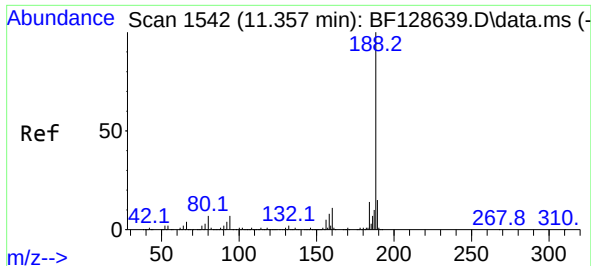
Tgt Ion:172 Resp: 1144039
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.8 29.8



#57
2,4-Dinitrotoluene
Concen: 7.12 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.182 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Tgt Ion:165 Resp: 25791
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

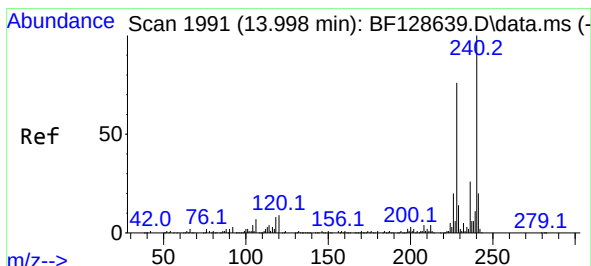
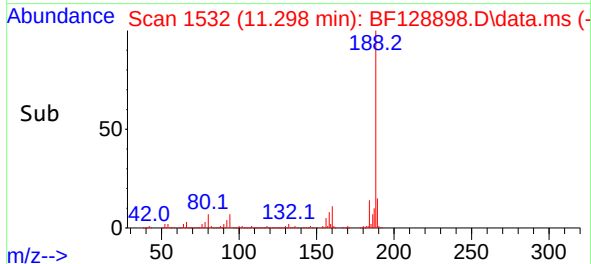
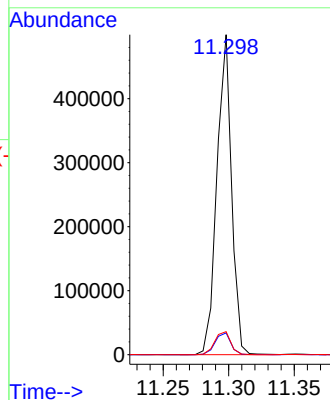
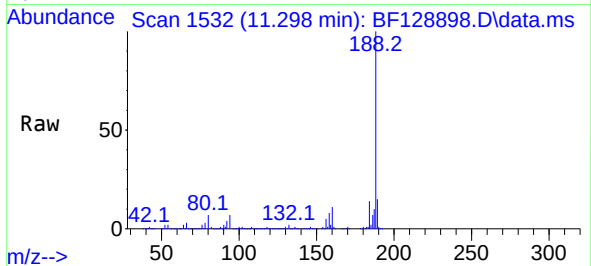




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

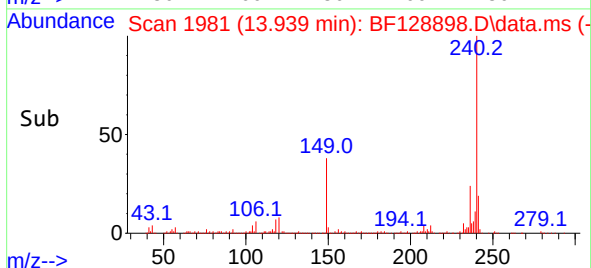
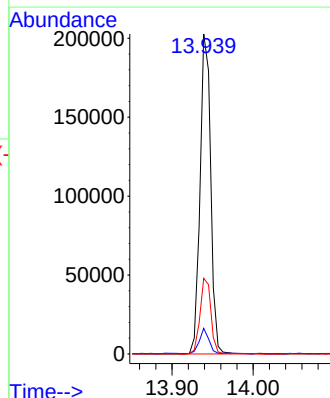
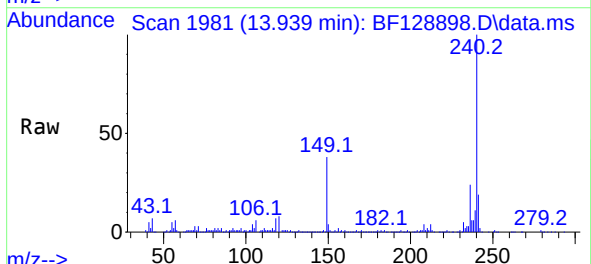
Instrument :
BNA_F
ClientSampleId :
DS-7WCRE

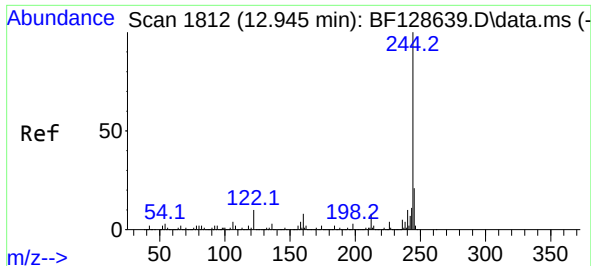
Tgt Ion:188 Resp: 387029
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.2 7.6 11.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Tgt Ion:240 Resp: 185051
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 23.7 20.8 31.2

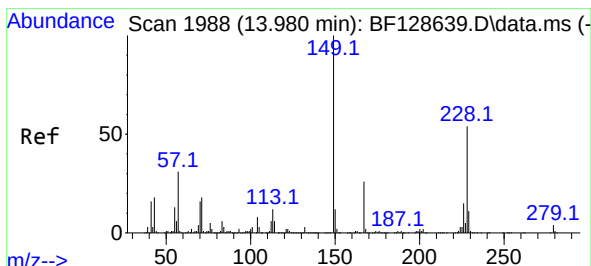
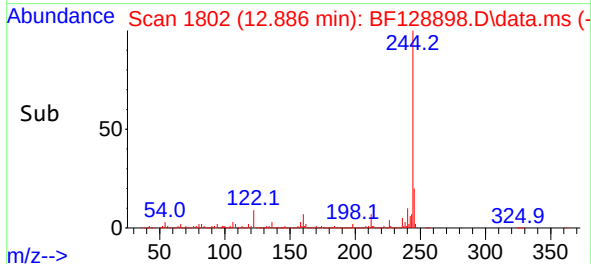
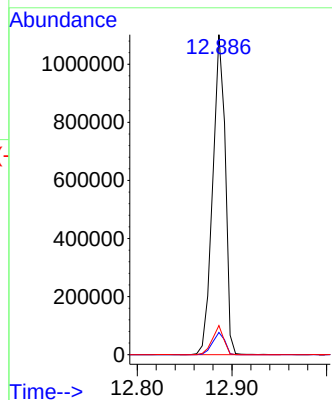
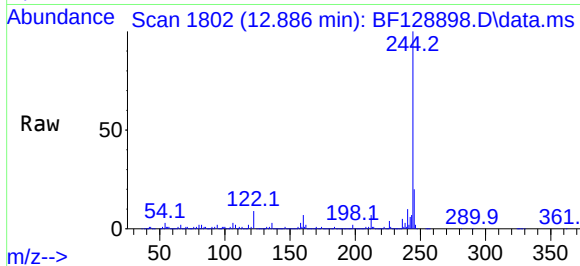




#79
 Terphenyl-d14
 Concen: 94.64 ng
 RT: 12.886 min Scan# 1802
 Delta R.T. 0.018 min
 Lab File: BF128898.D
 Acq: 21 Jun 2022 14:14

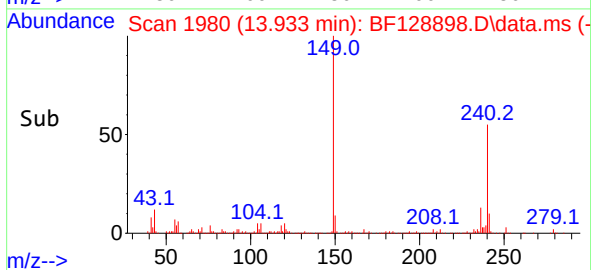
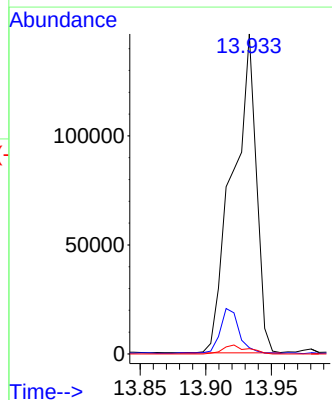
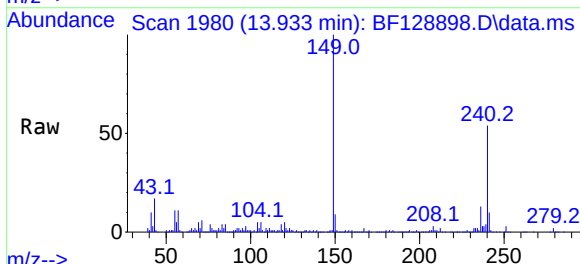
Instrument :
 BNA_F
 ClientSampleId :
 DS-7WCRE

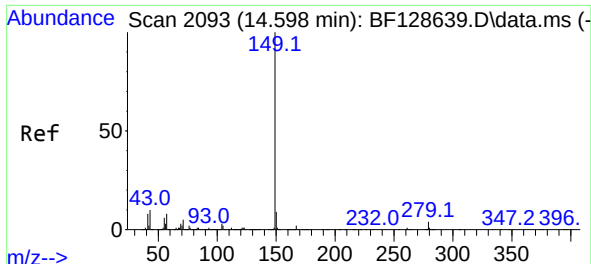
Tgt Ion:244 Resp: 1007825
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 9.1 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.53 ng
 RT: 13.933 min Scan# 1980
 Delta R.T. 0.035 min
 Lab File: BF128898.D
 Acq: 21 Jun 2022 14:14

Tgt Ion:149 Resp: 184383
 Ion Ratio Lower Upper
 149 100
 167 2.0 21.0 31.4#
 279 1.6 3.1 4.7#

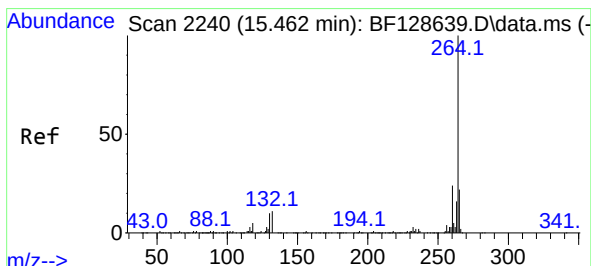
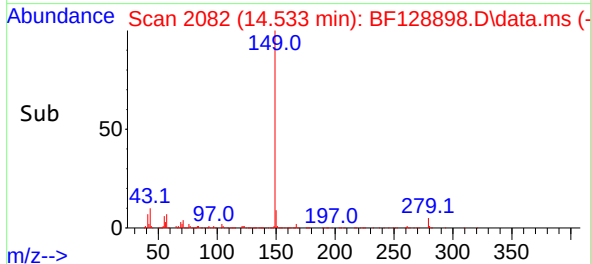
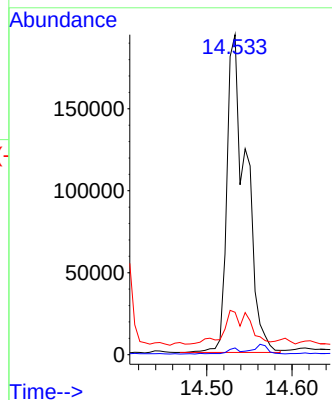
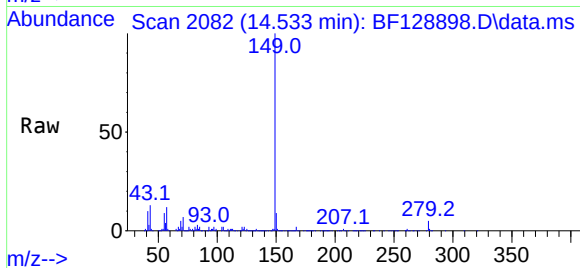




#85
Di-n-octyl phthalate
Concen: 26.88 ng
RT: 14.533 min Scan# 2093
Delta R.T. 0.024 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Instrument :
BNA_F
ClientSampleId :
DS-7WCRE

Tgt Ion:149 Resp: 304262
Ion Ratio Lower Upper
149 100
167 1.2 1.3 1.9#
43 13.7 9.2 13.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.392 min Scan# 2228
Delta R.T. 0.029 min
Lab File: BF128898.D
Acq: 21 Jun 2022 14:14

Tgt Ion:264 Resp: 154325
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 20.9 17.2 25.8

