

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124083.D
 Acq On : 27 May 2021 1:34
 Operator : JU/CG
 Sample : M2518-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 117

Quant Time: May 27 04:55:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

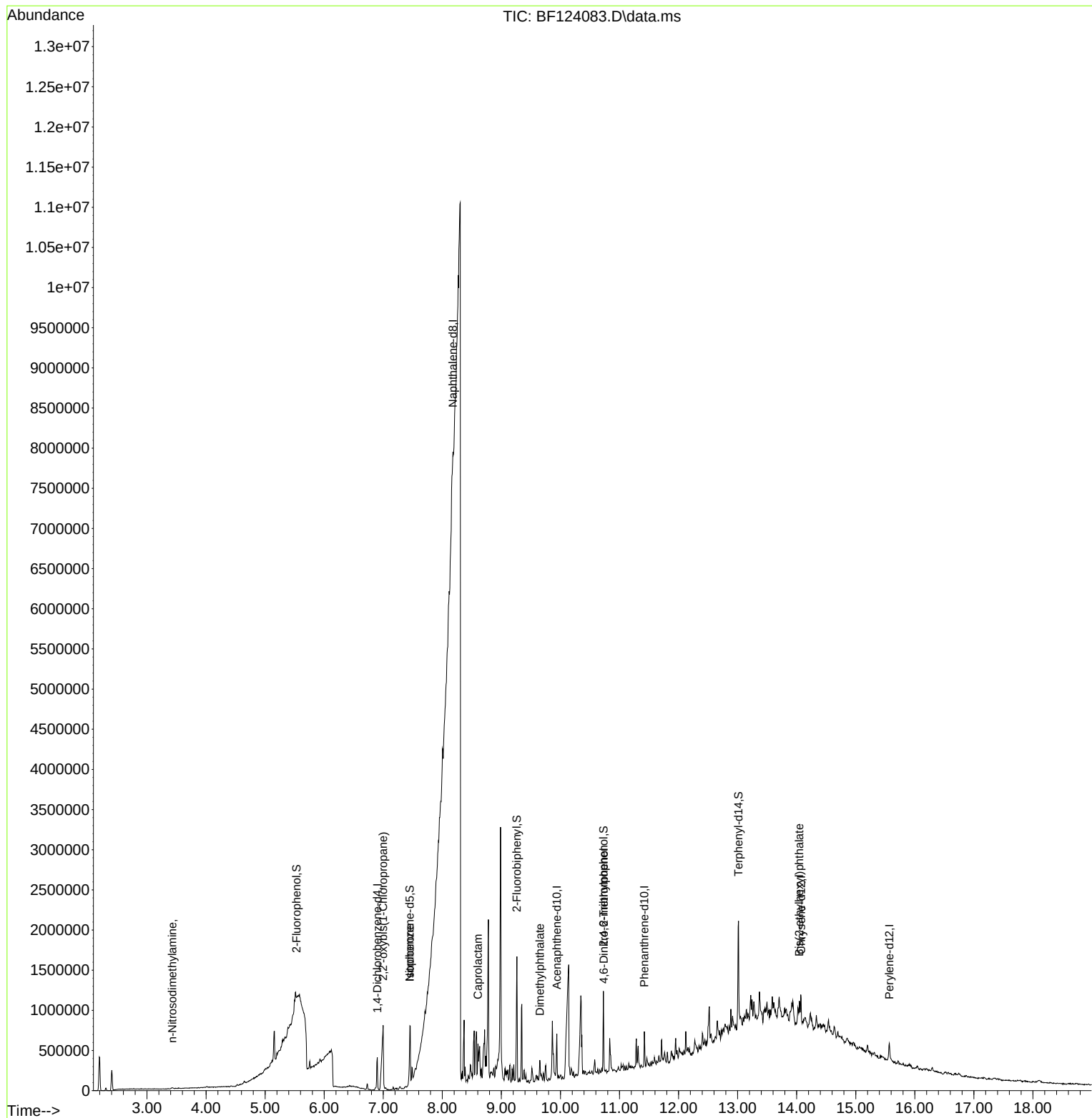
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	48730	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	169816	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	96624	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	135928	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	97614	20.00	ng	0.00
86) Perylene-d12	15.568	264	95542	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	117111	33.74	ng	0.02
7) Phenol-d6	6.339	99	4187	0.93	ng	-0.18
23) Nitrobenzene-d5	7.451	82	278142	70.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	98158	84.58	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	480833	61.24	ng	0.00
79) Terphenyl-d14	13.015	244	350246	54.34	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.428	42	14543	5.69	ng	# 45
16) 2,2'-oxybis(1-Chloropr...	6.998	45	920875	129.34	ng	76
25) Isophorone	7.451	82	273393	36.06	ng	# 69
35) Caprolactam	8.604	113	5637	7.05	ng	# 1
50) Dimethylphthalate	9.651	163	31887	4.13	ng	# 97
65) 4,6-Dinitro-2-methylph...	10.733	198	436	5.88	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.045	149	50558	10.54	ng	# 95

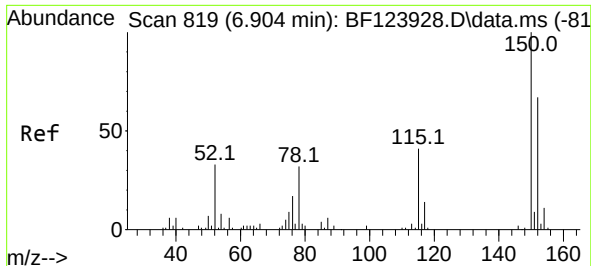
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

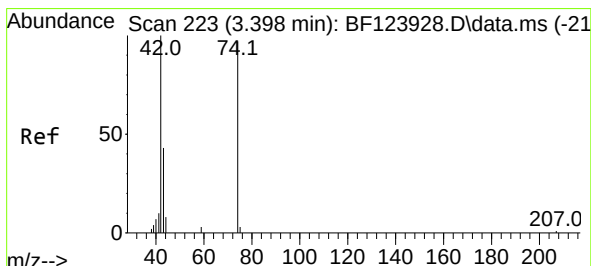
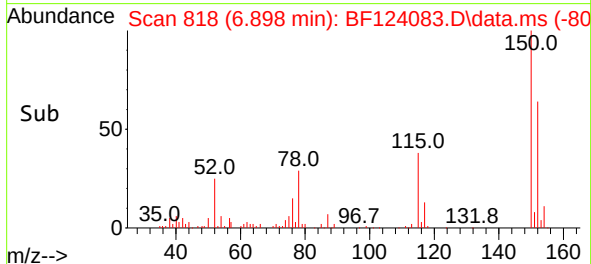
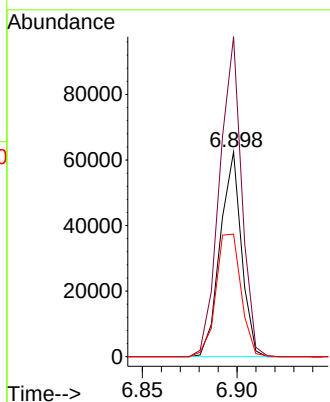
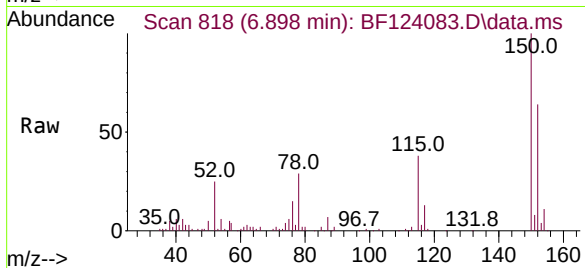




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

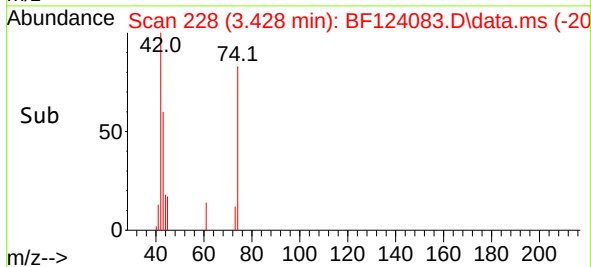
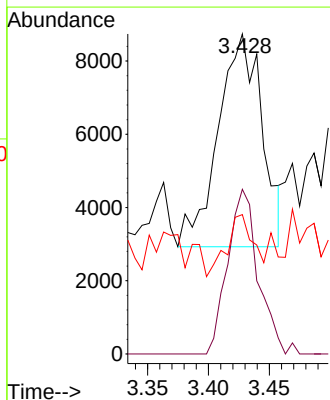
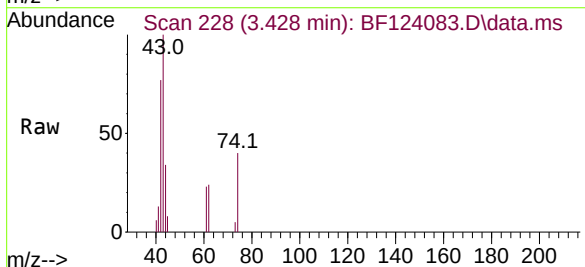
Instrument :
BNA_F
ClientSampled :
117

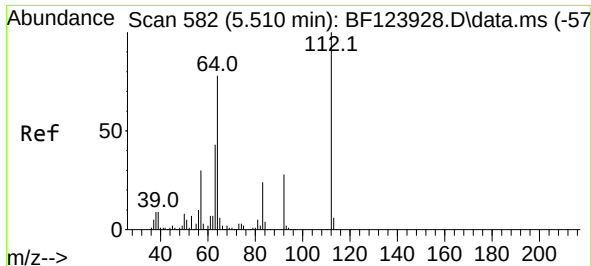
Tgt Ion:152 Resp: 48730
Ion Ratio Lower Upper
152 100
150 156.2 127.0 190.6
115 59.8 54.3 81.5



#4
n-Nitrosodimethylamine
Concen: 5.69 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.029 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion: 42 Resp: 14543
Ion Ratio Lower Upper
42 100
74 51.4 83.5 125.3#
44 43.6 5.7 8.5#

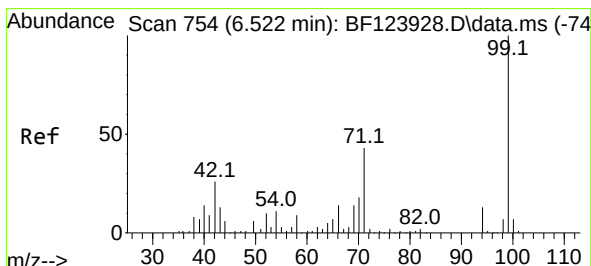
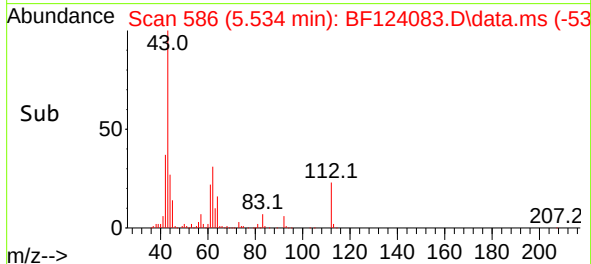
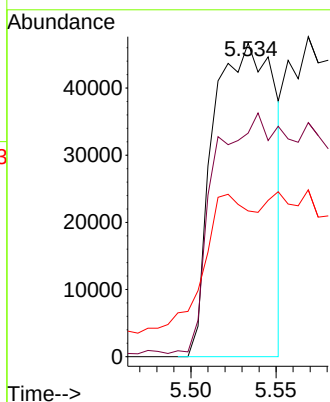
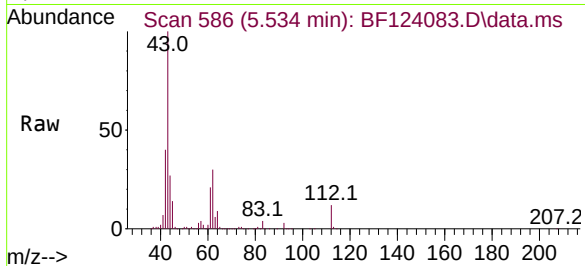




#5
2-Fluorophenol
Concen: 33.74 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.023 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

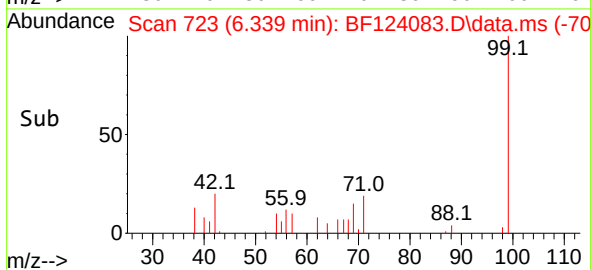
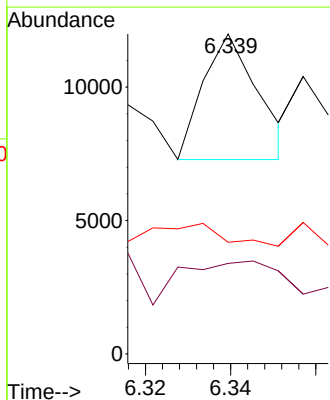
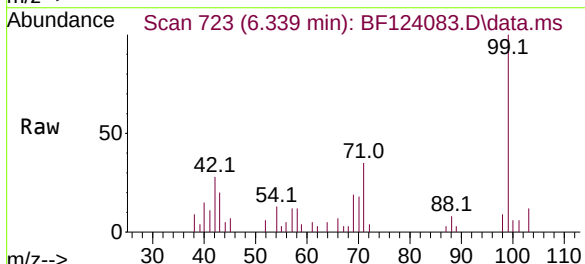
Instrument :
BNA_F
ClientSampled :
117

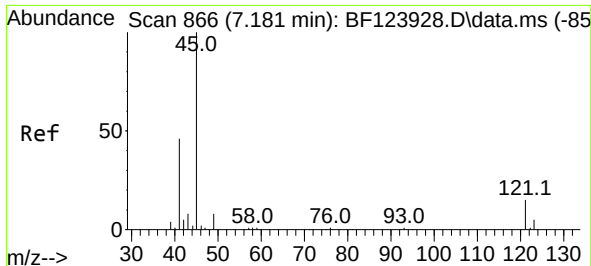
Tgt Ion:112 Resp: 117111
Ion Ratio Lower Upper
112 100
64 71.3 61.4 92.0
63 46.5 33.0 49.4



#7
Phenol-d6
Concen: 0.93 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.182 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion: 99 Resp: 4187
Ion Ratio Lower Upper
99 100
42 28.3 19.8 29.8
71 34.9 31.1 46.7

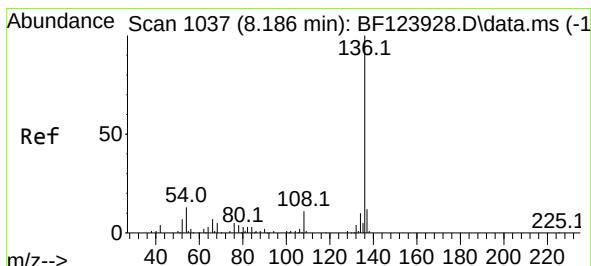
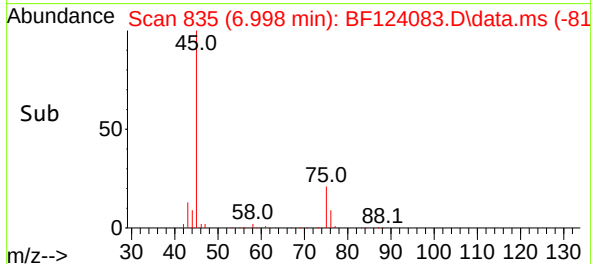
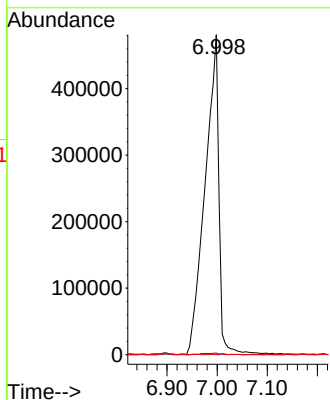
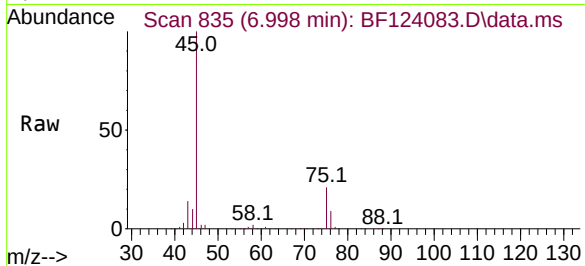




#16
2,2'-oxybis(1-Chloropropane)
Concen: 129.34 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.182 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

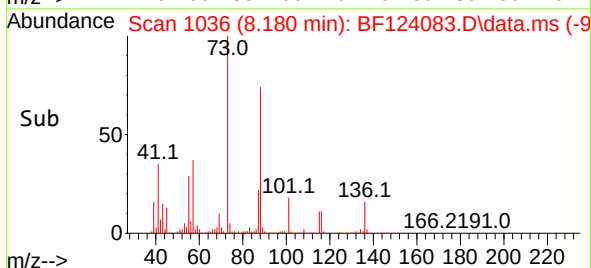
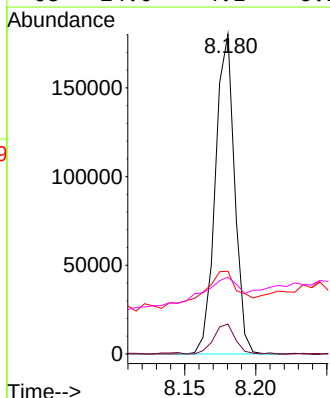
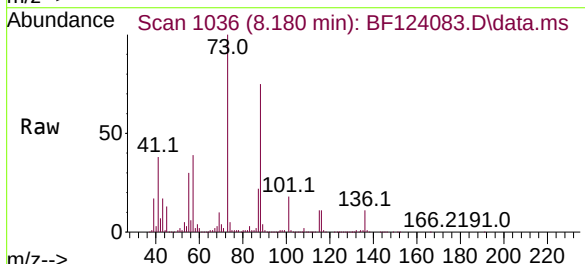
Instrument :
BNA_F
ClientSampleId :
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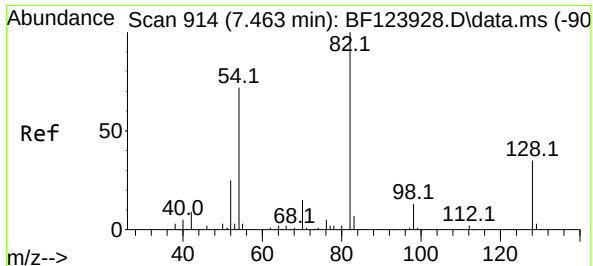
Tgt Ion:	45	Resp:	920875
Ion Ratio	Lower	Upper	
45	100		
77	0.5	0.0	30.0
79	0.0	0.0	27.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion:	136	Resp:	169816
Ion Ratio	Lower	Upper	
136	100		
137	9.4	8.7	13.1
54	25.9	9.8	14.6#
68	24.0	4.1	6.1#

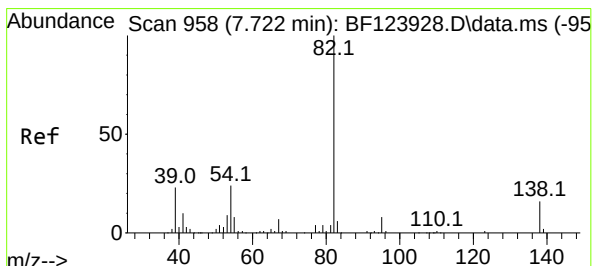
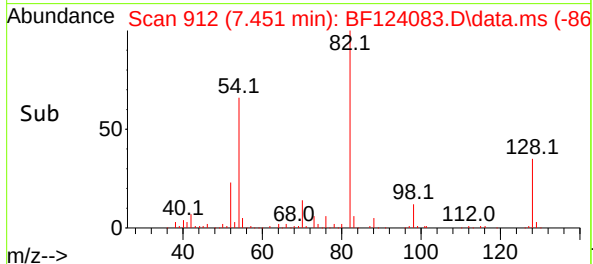
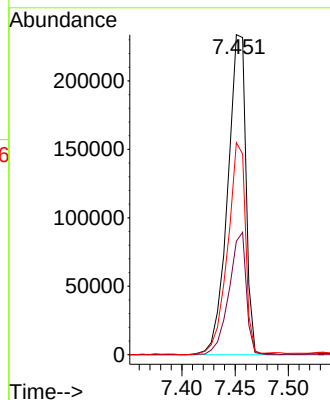
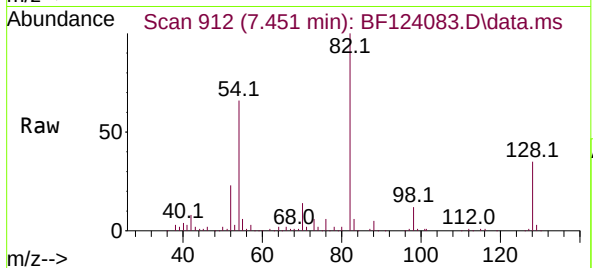




#23
Nitrobenzene-d5
Concen: 70.57 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

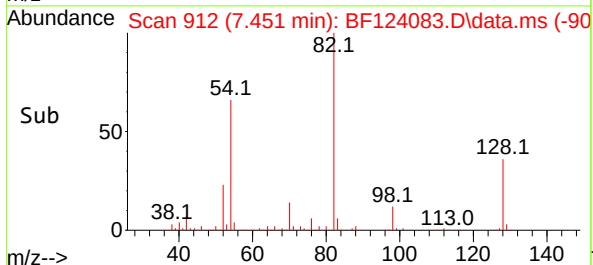
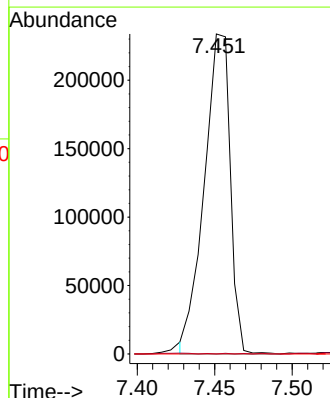
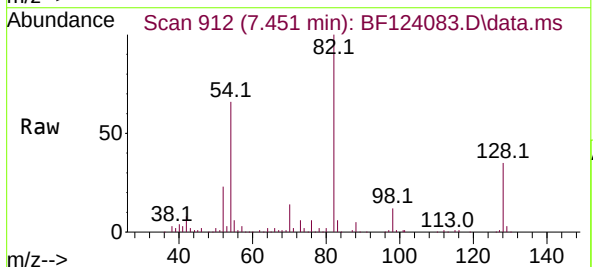
Instrument :
BNA_F
ClientSampled :
117

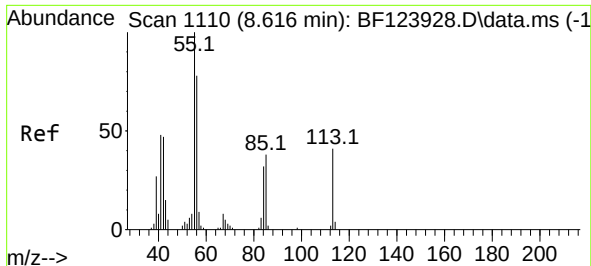
Tgt Ion: 82 Resp: 278142
Ion Ratio Lower Upper
82 100
128 35.5 29.4 44.2
54 66.2 54.1 81.1



#25
Isophorone
Concen: 36.06 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion: 82 Resp: 273393
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

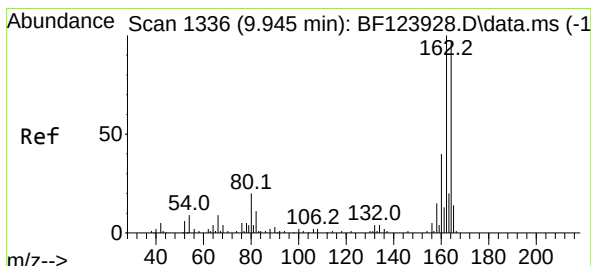
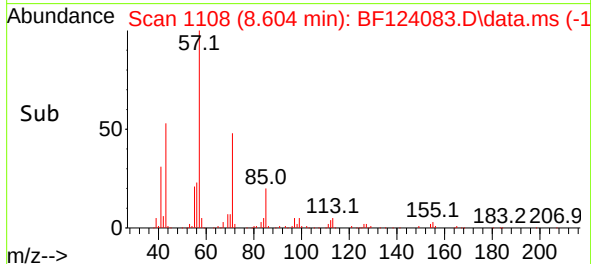
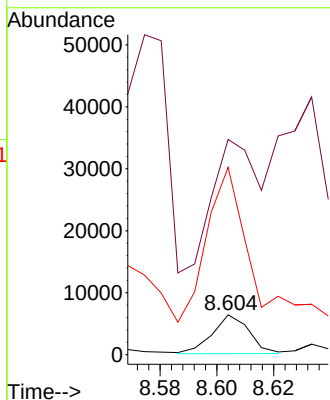
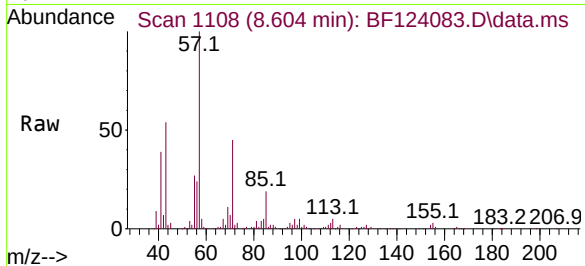




#35
 Caprolactam
 Concen: 7.05 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF124083.D
 Acq: 27 May 2021 1:34

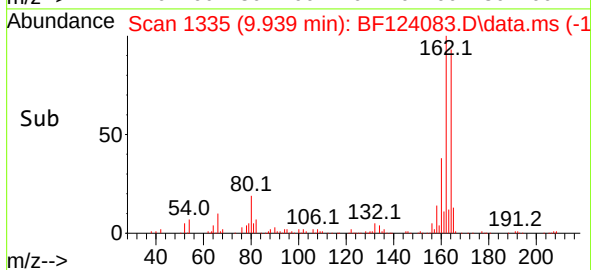
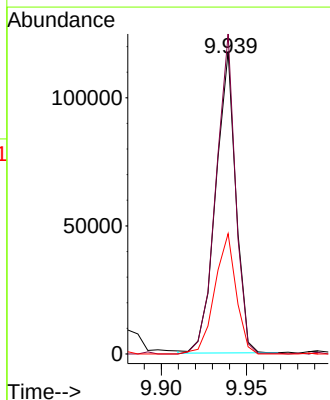
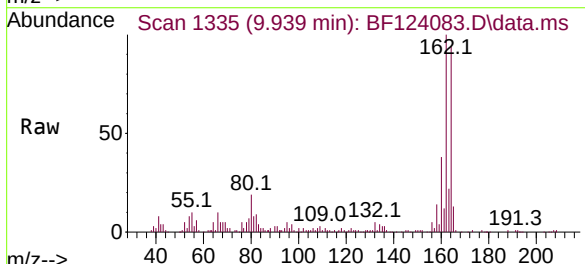
Instrument :
 BNA_F
 ClientSampled :
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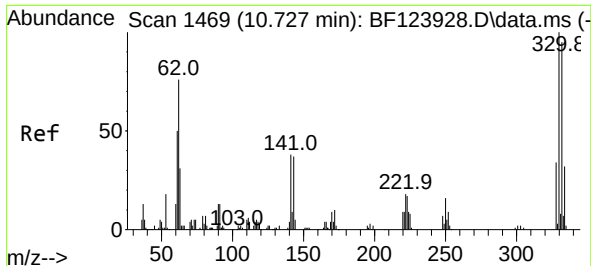
Tgt Ion:113 Resp: 5637
 Ion Ratio Lower Upper
 113 100
 55 539.5 254.9 294.9#
 56 469.7 179.4 219.4#



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.939 min Scan# 1335
 Delta R.T. -0.006 min
 Lab File: BF124083.D
 Acq: 27 May 2021 1:34

Tgt Ion:164 Resp: 96624
 Ion Ratio Lower Upper
 164 100
 162 105.8 80.7 121.1
 160 39.8 37.3 55.9

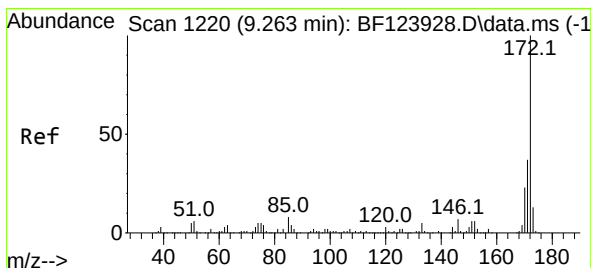
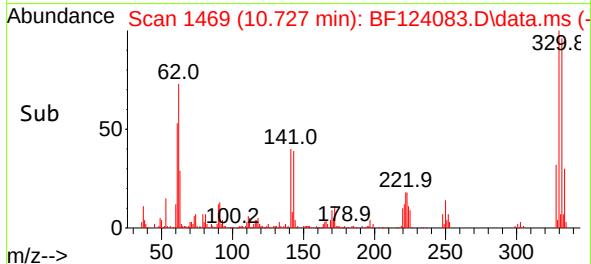
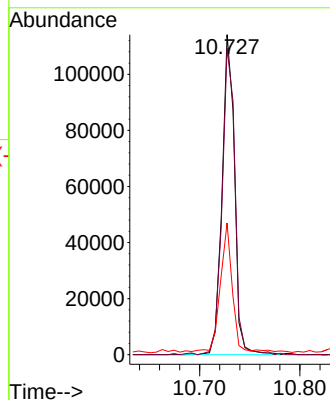
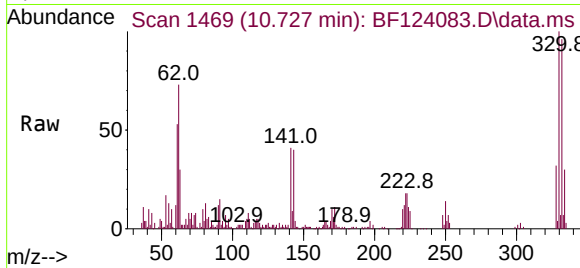




#42
2,4,6-Tribromophenol
Concen: 84.58 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

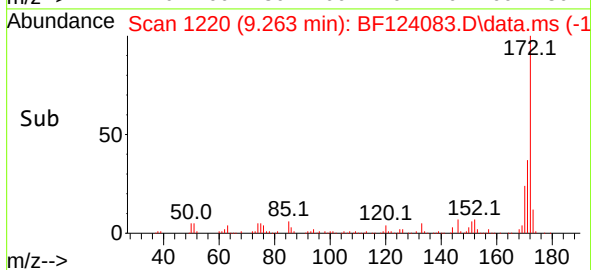
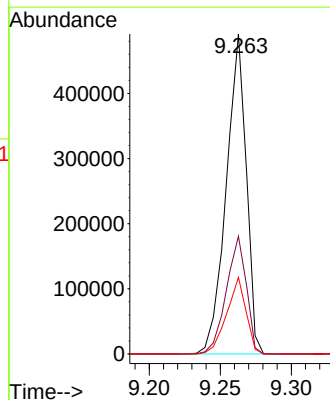
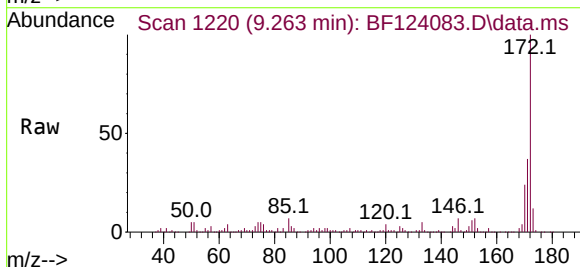
Instrument :
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ClientSampled :
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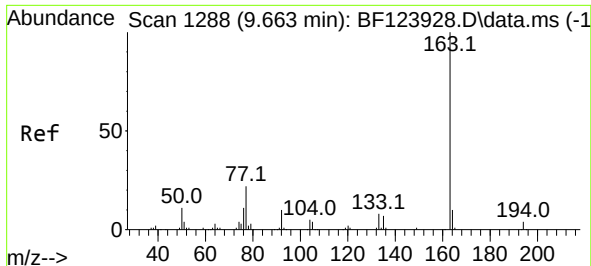
Tgt Ion: 330 Resp: 98158
Ion Ratio Lower Upper
330 100
332 99.4 77.1 115.7
141 37.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.24 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion: 172 Resp: 480833
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.0 19.2 28.8

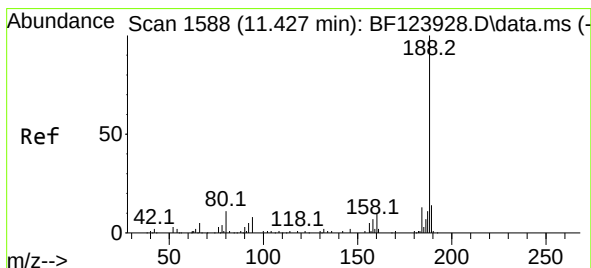
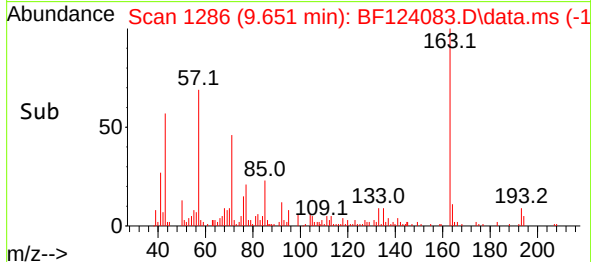
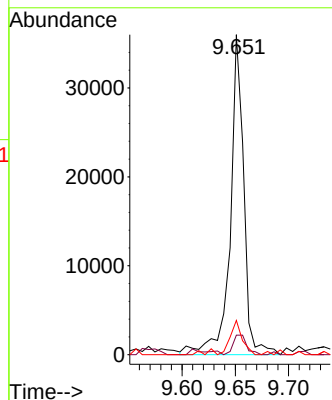
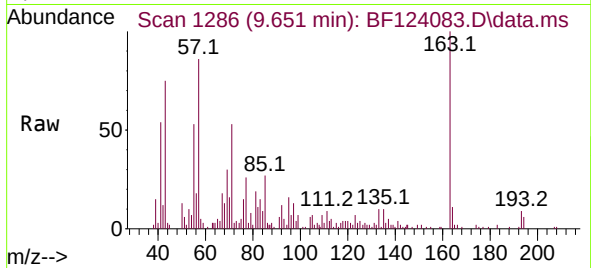




#50
Dimethylphthalate
Concen: 4.13 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

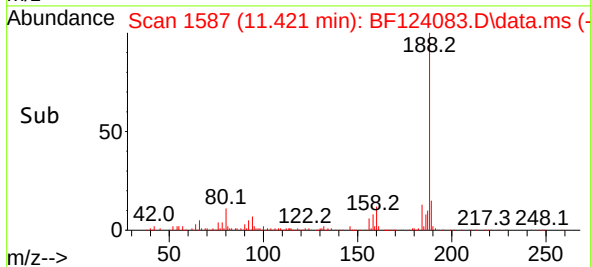
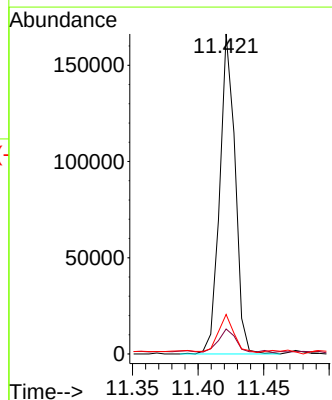
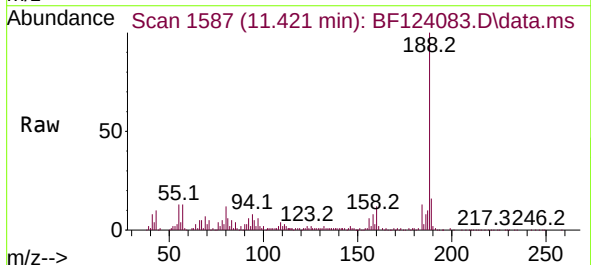
Instrument :
BNA_F
ClientSampled :
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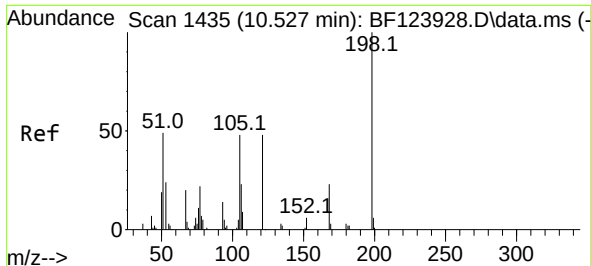
Tgt Ion:163 Resp: 31887
Ion Ratio Lower Upper
163 100
194 6.1 3.1 4.7#
164 10.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion:188 Resp: 135928
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 12.4 8.2 12.2#

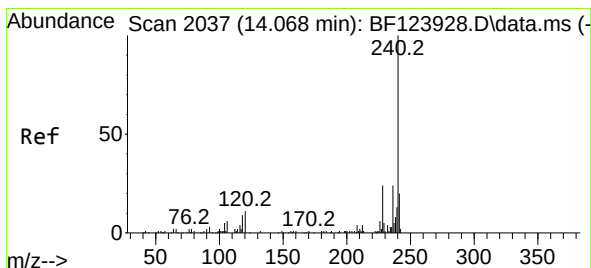
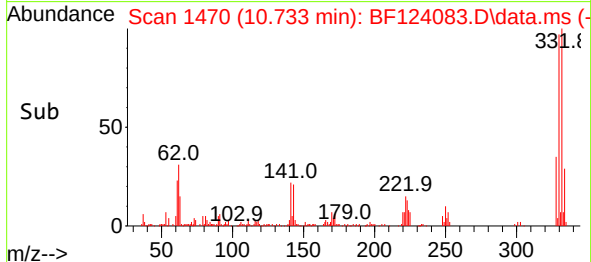
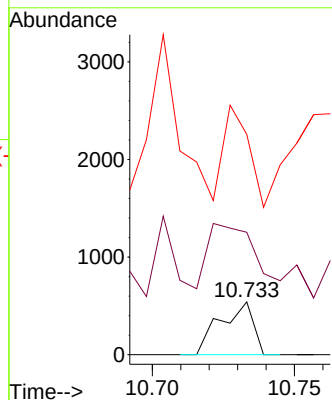
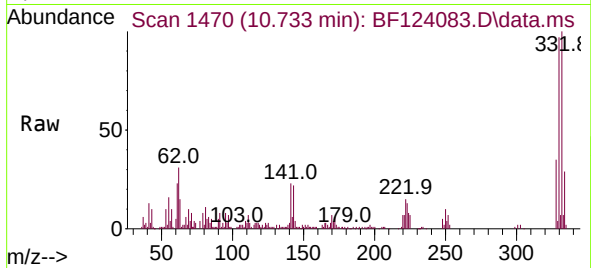




#65
4,6-Dinitro-2-methylphenol
Concen: 5.88 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

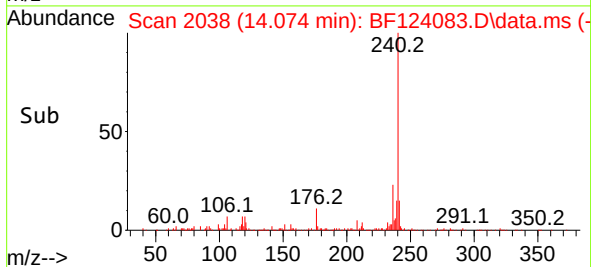
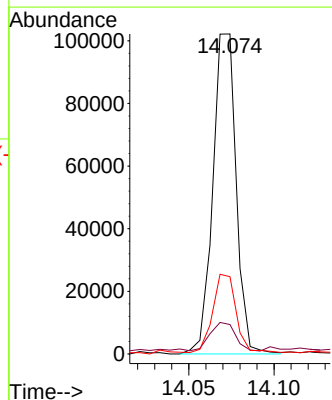
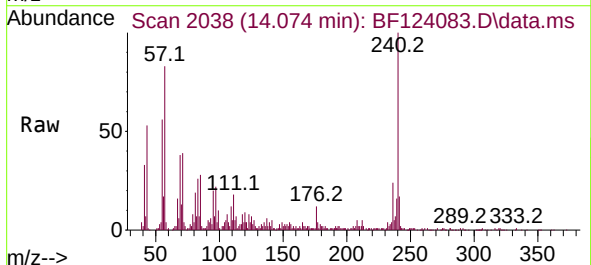
Instrument :
BNA_F
ClientSampled :
117

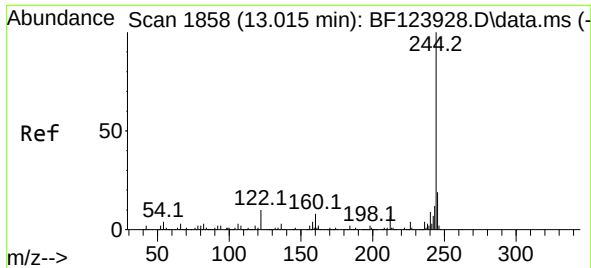
Tgt Ion:198 Resp: 436
Ion Ratio Lower Upper
198 100
51 231.4 64.8 104.8#
105 416.4 42.6 82.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion:240 Resp: 97614
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 24.1 19.0 28.4

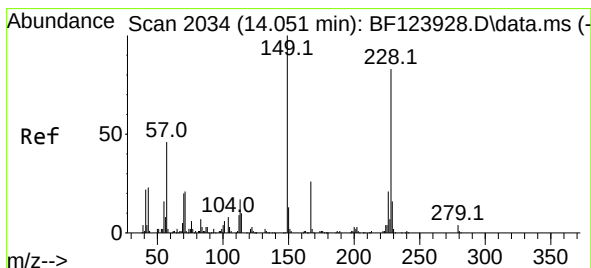
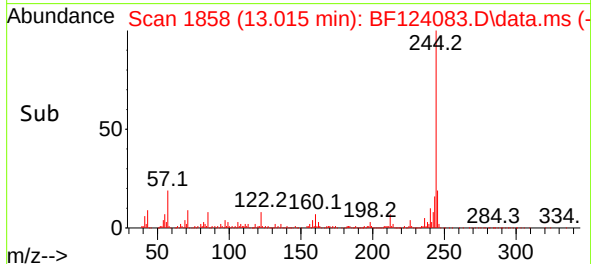
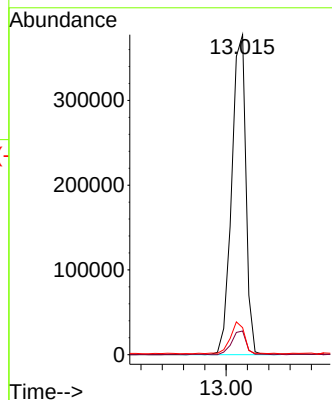
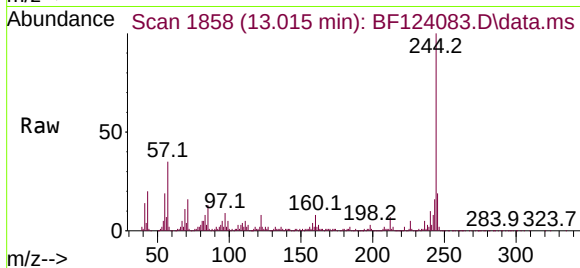




#79
Terphenyl-d14
Concen: 54.34 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

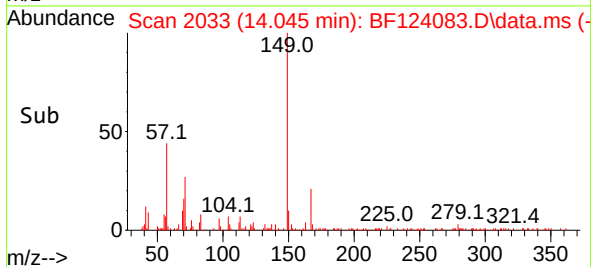
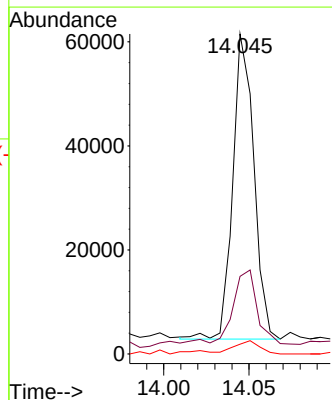
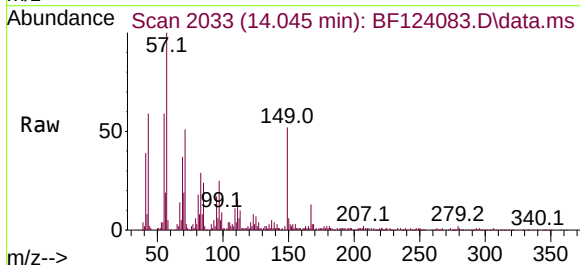
Instrument :
BNA_F
ClientSampleId :
117

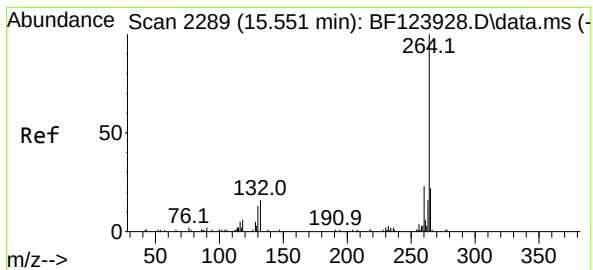
Tgt Ion:244 Resp: 350246
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.4 9.7 14.5#



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.54 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Tgt Ion:149 Resp: 50558
Ion Ratio Lower Upper
149 100
167 24.3 21.8 32.6
279 3.0 3.3 4.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF124083.D
Acq: 27 May 2021 1:34

Instrument :
BNA_F
ClientSampleId :
117

Tgt Ion:264	Resp:	95542
Ion Ratio	Lower	Upper
264	100	
260	22.1	18.7 28.1
265	18.4	17.8 26.8

