

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131932.D
 Acq On : 06 Jan 2023 00:18
 Operator : CG\JU
 Sample : N6243-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jan 06 02:53:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

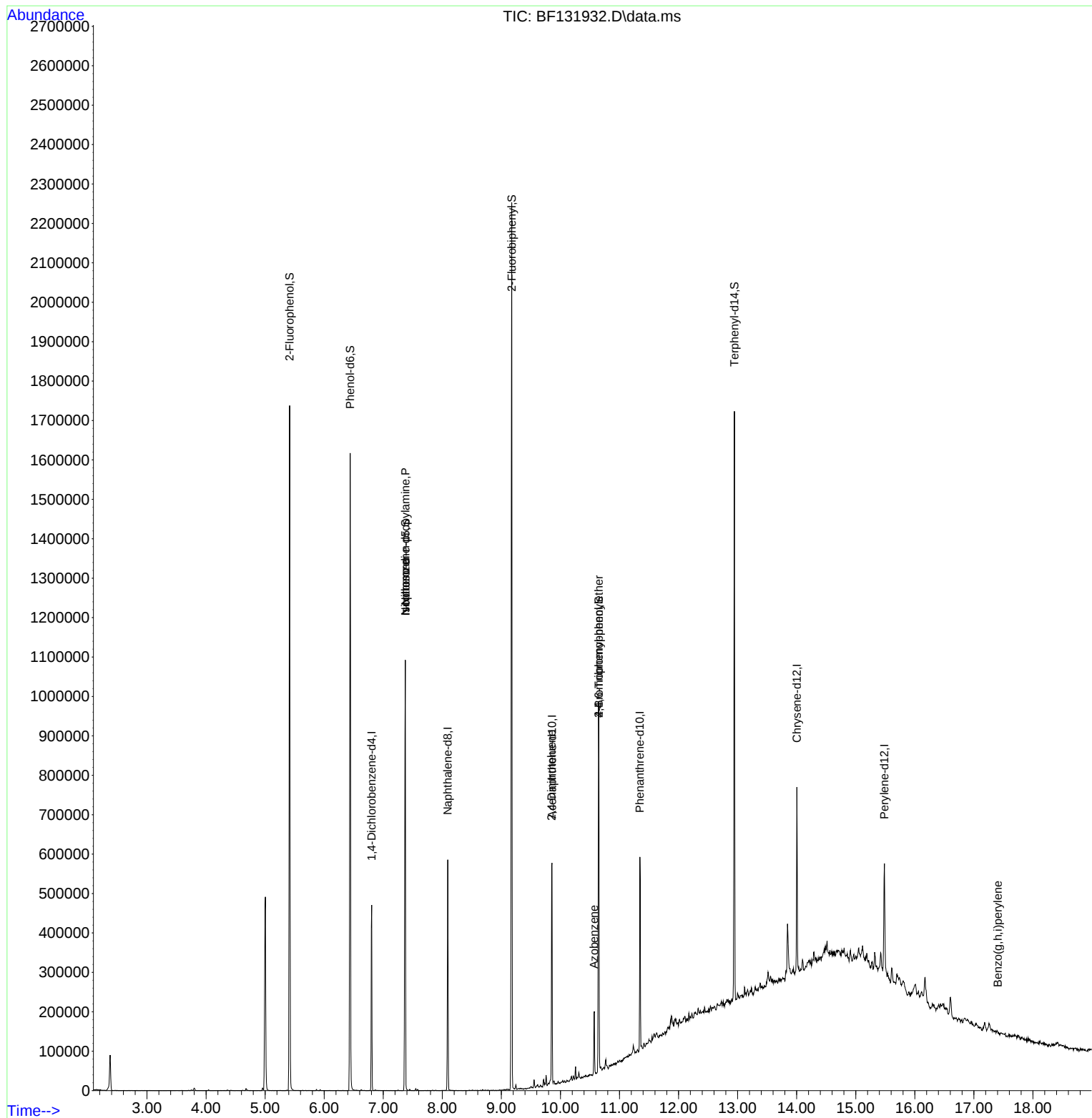
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	63605	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	222392	20.000	ng	-0.02
39) Acenaphthene-d10	9.857	164	115498	20.000	ng	-0.02
64) Phenanthrene-d10	11.345	188	171389	20.000	ng	#-0.02
76) Chrysene-d12	14.004	240	134309	20.000	ng	-0.01
86) Perylene-d12	15.486	264	122279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	402791	104.947	ng	0.00
7) Phenol-d6	6.440	99	524001	103.917	ng	-0.01
23) Nitrobenzene-d5	7.375	82	370159	66.454	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	96319	76.755	ng	-0.02
45) 2-Fluorobiphenyl	9.175	172	610337	72.382	ng	-0.02
79) Terphenyl-d14	12.945	244	462798	58.286	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	51965	14.592	ng	# 78
25) Isophorone	7.375	82	369096	40.576	ng	# 69
57) 2,4-Dinitrotoluene	9.851	165	15215	5.882	ng	# 17
63) Azobenzene	10.569	77	31829	3.410	ng	# 2
67) 4-Bromophenyl-phenylether	10.651	248	6745	3.396	ng	# 1
92) Benzo(g,h,i)perylene	17.404	276	2537	5.548	ng	# 71

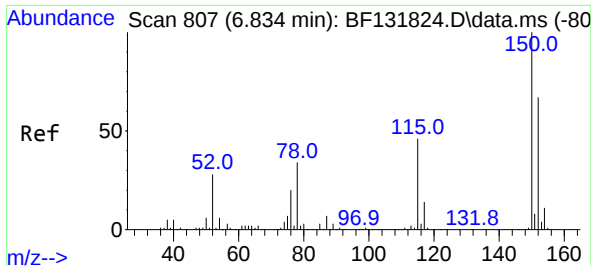
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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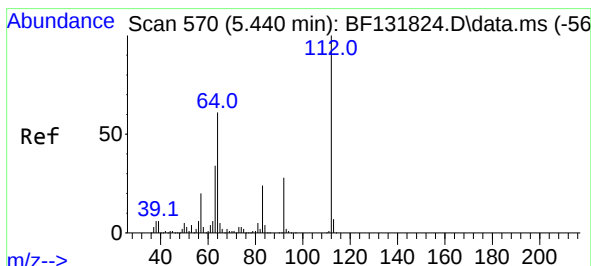
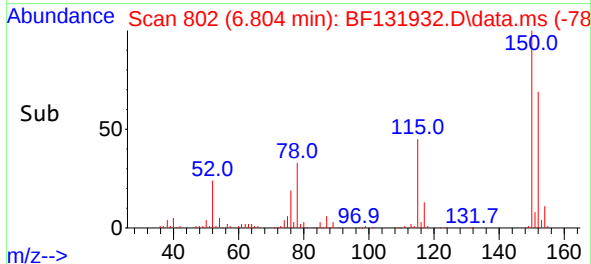
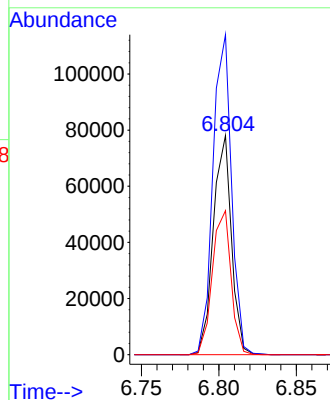
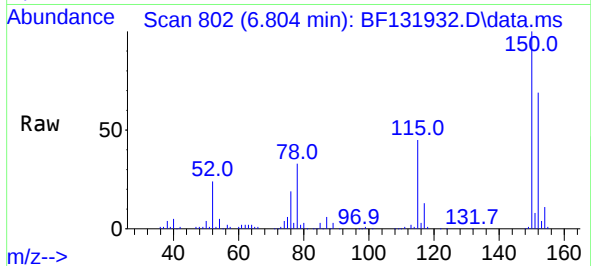




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

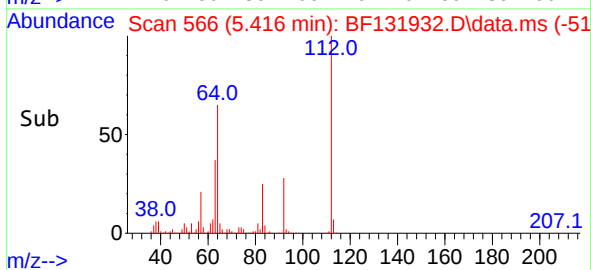
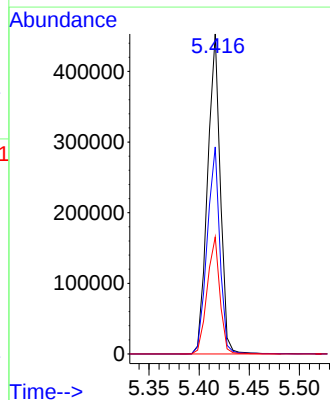
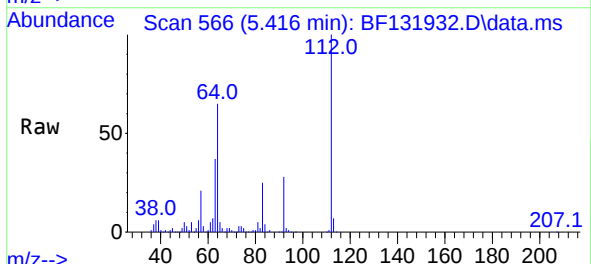
Instrument :
BNA_F
ClientSampleId :
PE-4

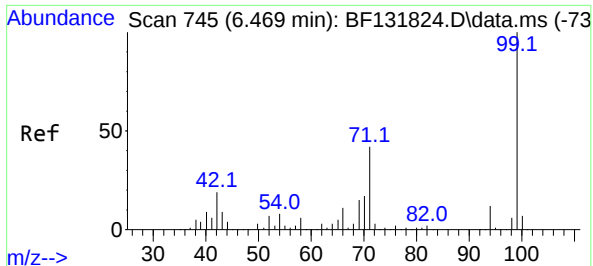
Tgt Ion:152 Resp: 63605
Ion Ratio Lower Upper
152 100
150 146.0 120.0 180.0
115 65.7 55.1 82.7



#5
2-Fluorophenol
Concen: 104.947 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion:112 Resp: 402791
Ion Ratio Lower Upper
112 100
64 64.7 49.2 73.8
63 36.6 27.5 41.3

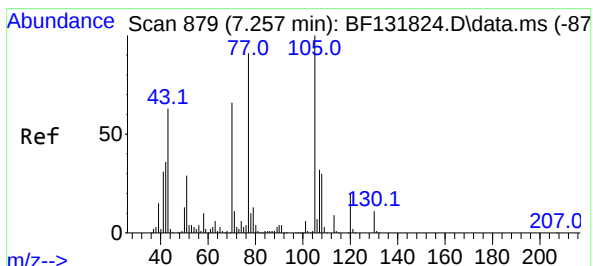
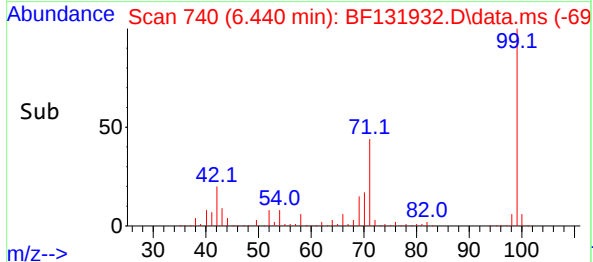
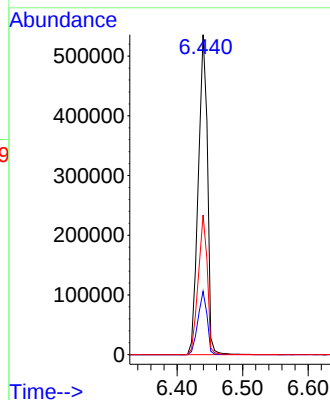
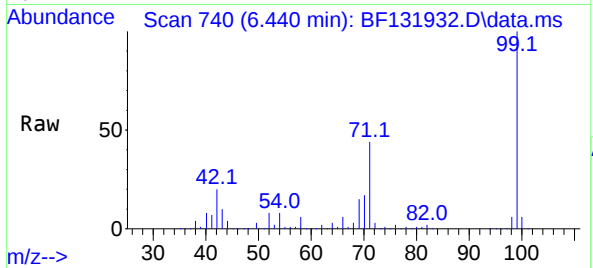




#7
Phenol-d6
Concen: 103.917 ng
RT: 6.440 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

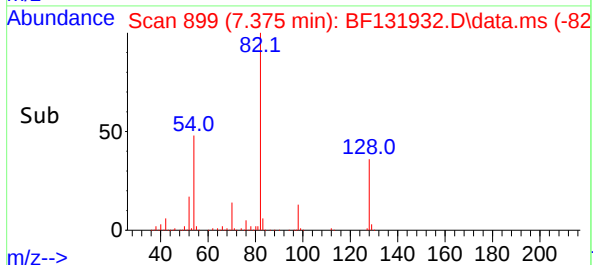
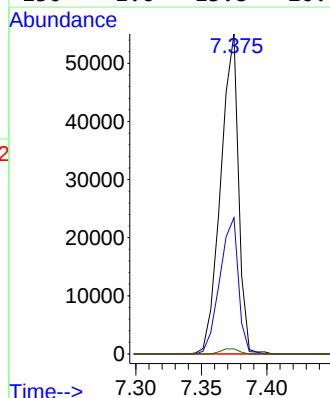
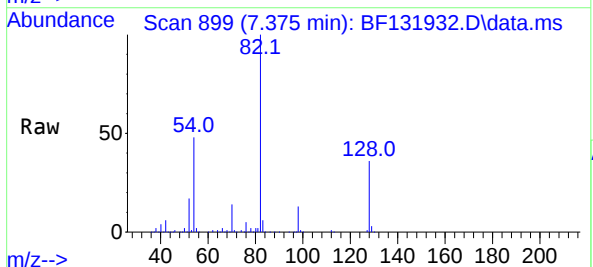
Instrument :
BNA_F
ClientSampleId :
PE-4

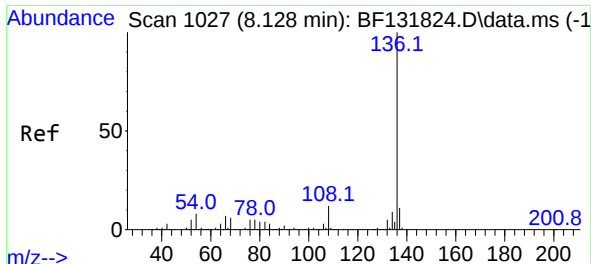
Tgt Ion: 99 Resp: 524001
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.6 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.592 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion: 70 Resp: 51965
Ion Ratio Lower Upper
70 100
42 42.6 43.8 65.6#
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#



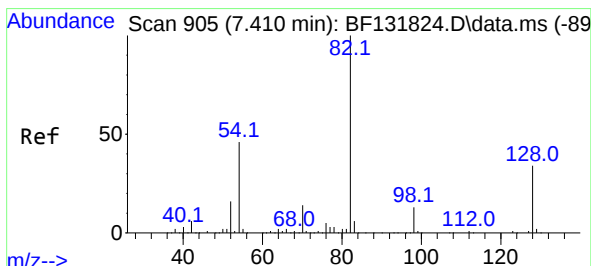
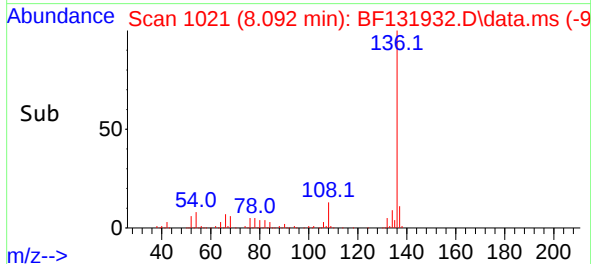
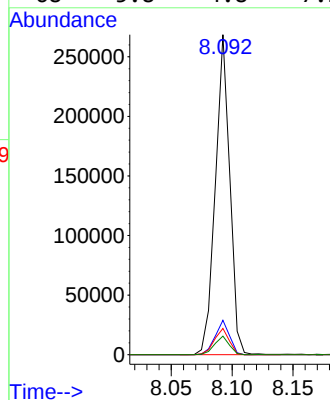
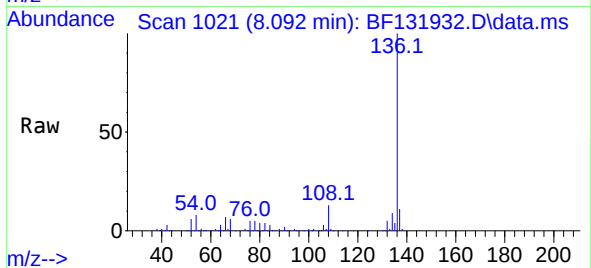


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:136 Resp: 222392

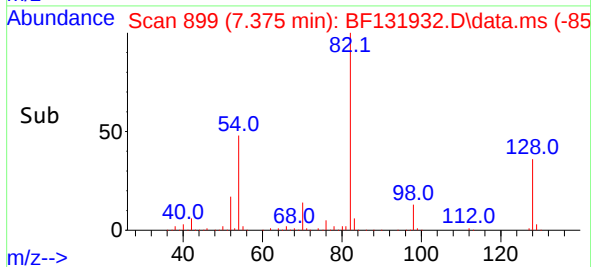
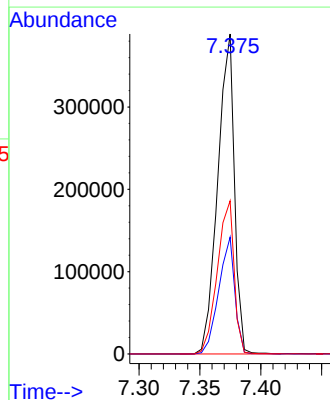
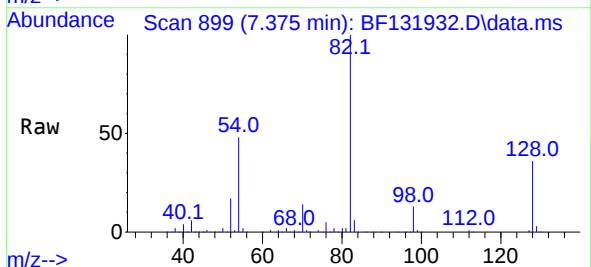
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.2	6.7	10.1
68	5.8	4.8	7.2

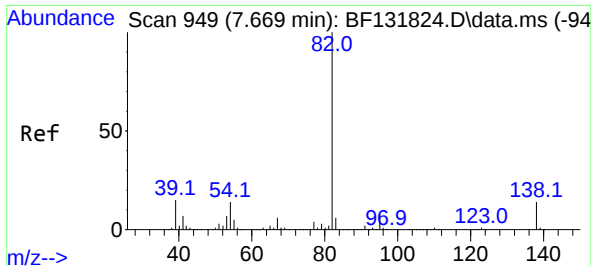


#23
Nitrobenzene-d5
Concen: 66.454 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion: 82 Resp: 370159

Ion	Ratio	Lower	Upper
82	100		
128	36.5	27.1	40.7
54	47.8	37.0	55.6

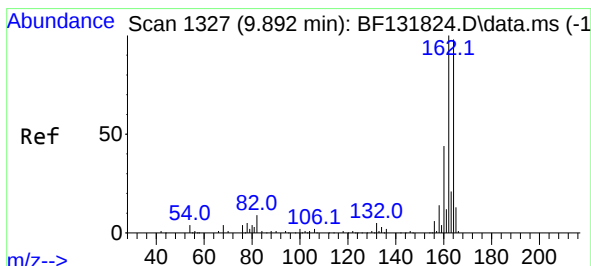
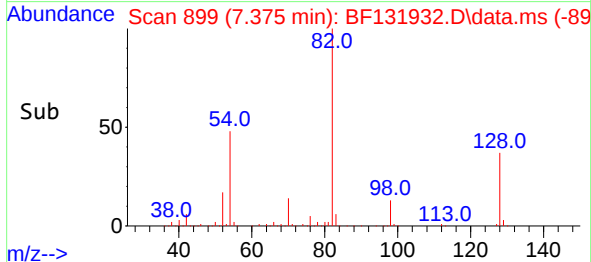
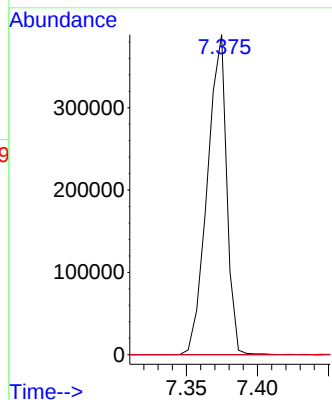
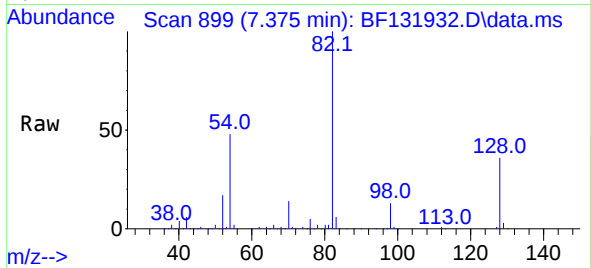




#25
Isophorone
Concen: 40.576 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

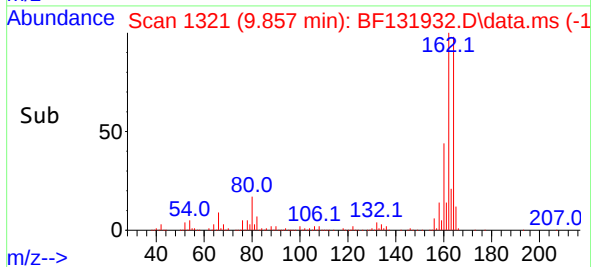
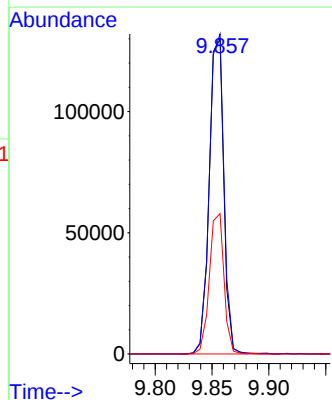
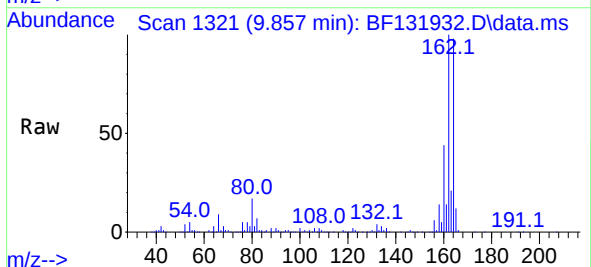
Instrument :
BNA_F
ClientSampleId :
PE-4

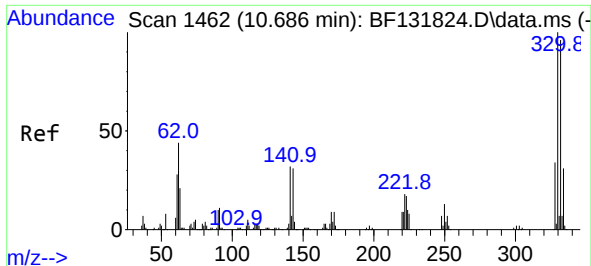
Tgt Ion: 82 Resp: 369096
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.018 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion: 164 Resp: 115498
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 44.6 35.7 53.5

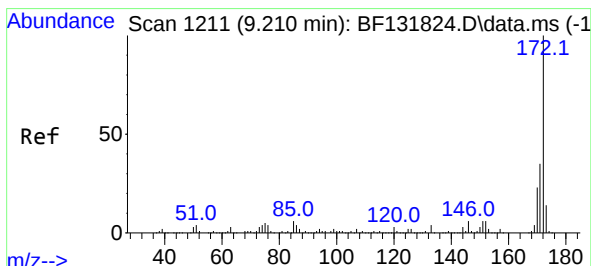
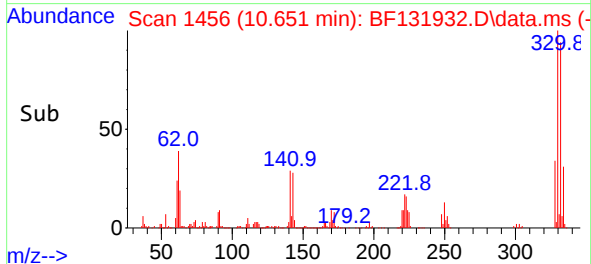
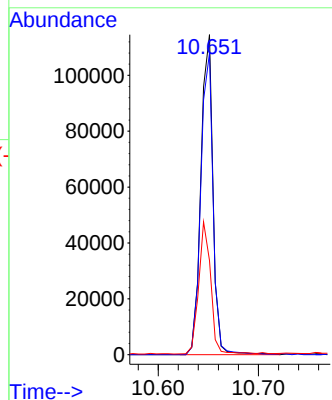
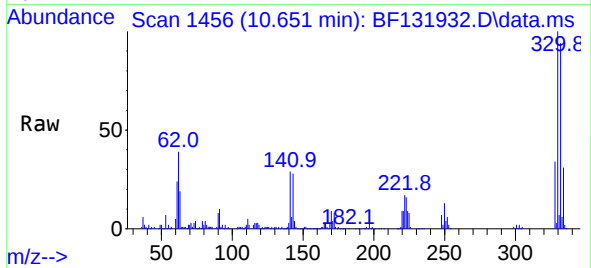




#42
2,4,6-Tribromophenol
Concen: 76.755 ng
RT: 10.651 min Scan# 1462
Delta R.T. -0.018 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

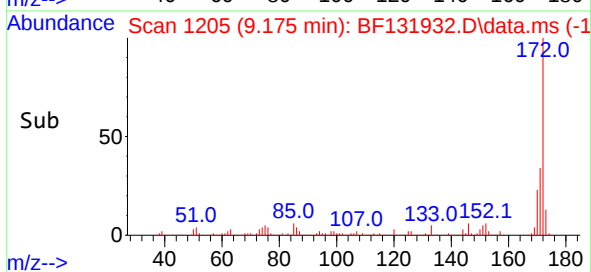
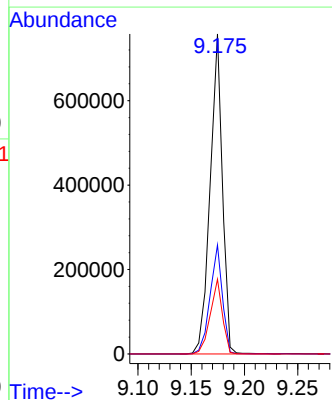
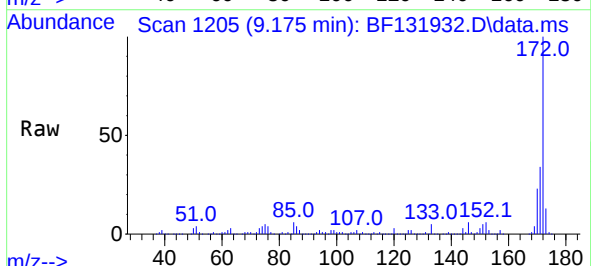
Instrument :
BNA_F
ClientSampleId :
PE-4

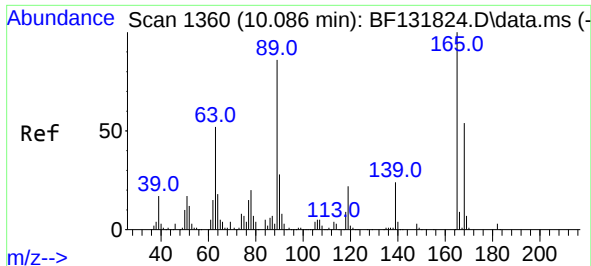
Tgt Ion:330 Resp: 96319
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 40.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 72.382 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.018 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

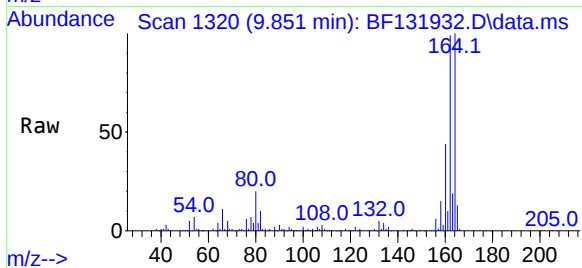
Tgt Ion:172 Resp: 610337
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.4 18.7 28.1



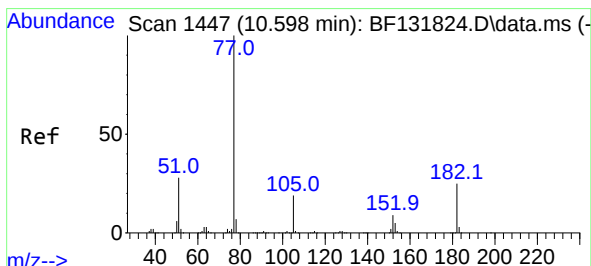
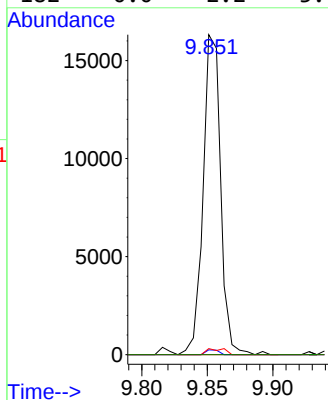
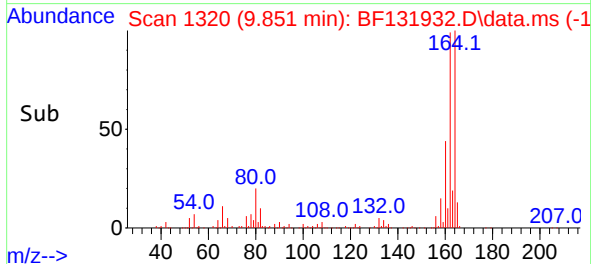


#57
2,4-Dinitrotoluene
Concen: 5.882 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

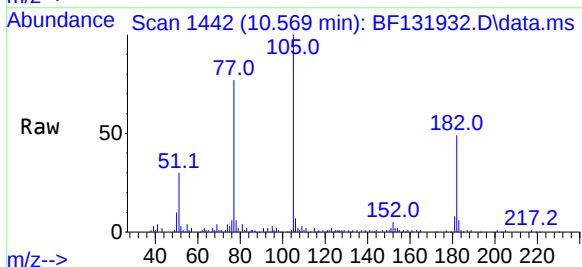
Instrument :
BNA_F
ClientSampleId :
PE-4



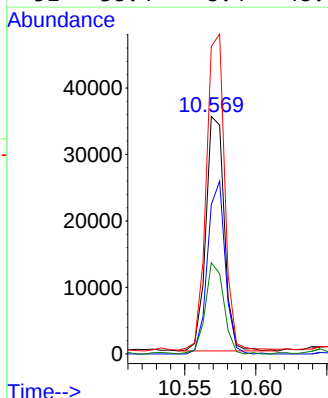
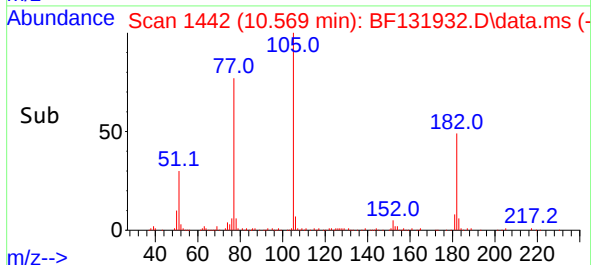
Tgt Ion:165 Resp: 15215
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 1.9 69.1 103.7#
182 0.0 2.2 3.4#

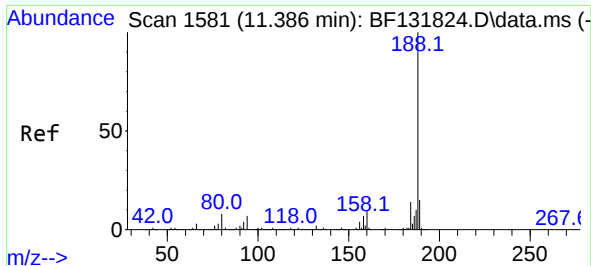


#63
Azobenzene
Concen: 3.410 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18



Tgt Ion: 77 Resp: 31829
Ion Ratio Lower Upper
77 100
182 62.9 5.0 45.0#
105 129.4 0.0 39.4#
51 38.4 8.4 48.4

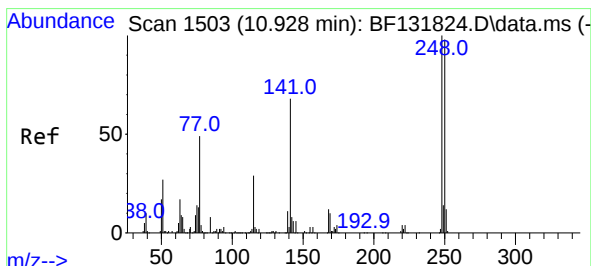
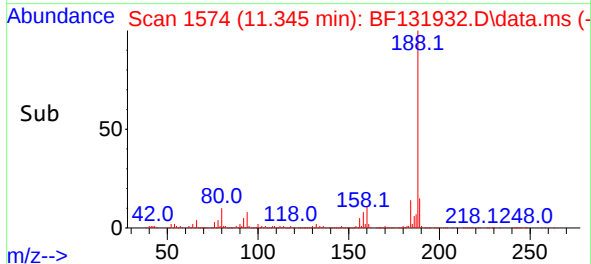
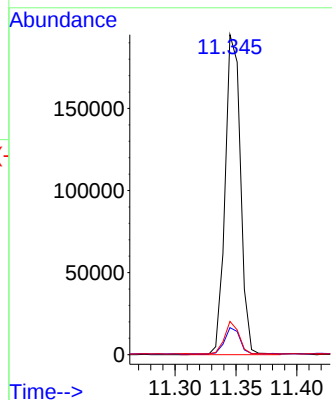
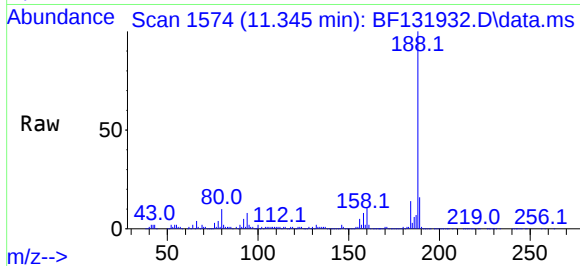




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

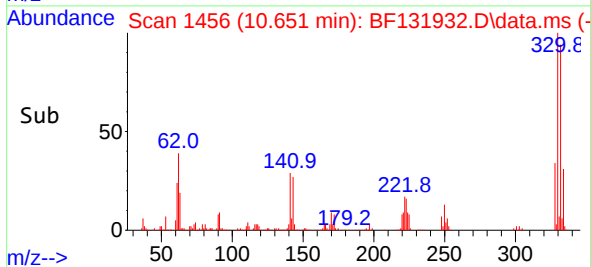
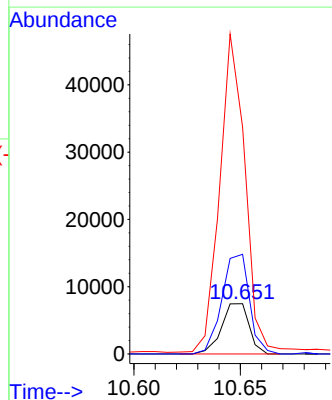
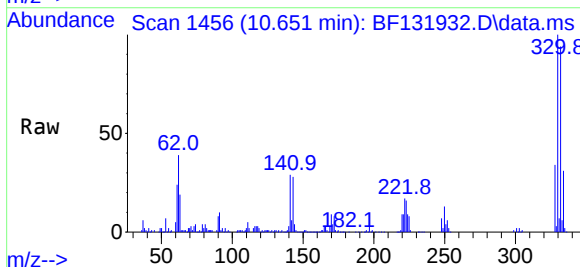
Instrument :
BNA_F
ClientSampleId :
PE-4

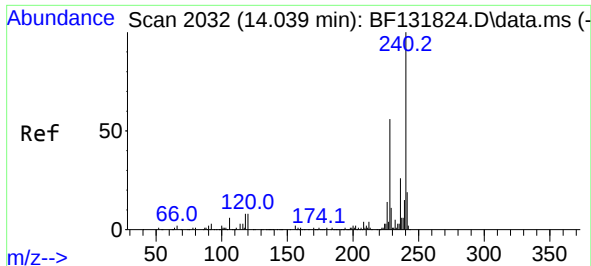
Tgt Ion:188 Resp: 171389
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 10.4 6.7 10.1#



#67
4-Bromophenyl-phenylether
Concen: 3.396 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion:248 Resp: 6745
Ion Ratio Lower Upper
248 100
250 198.6 78.0 117.0#
141 451.6 54.8 82.2#

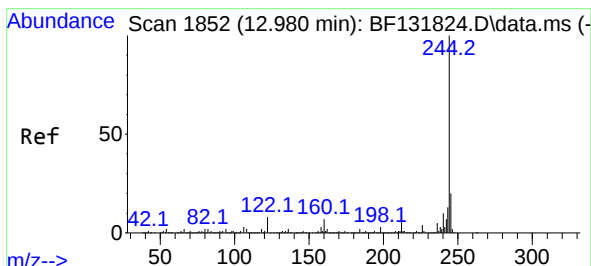
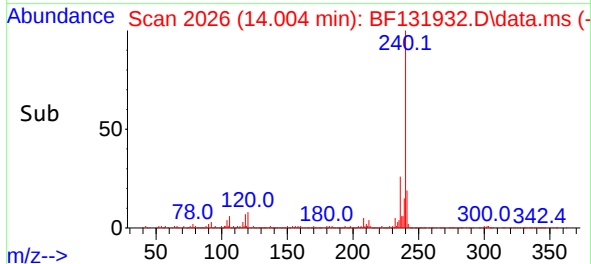
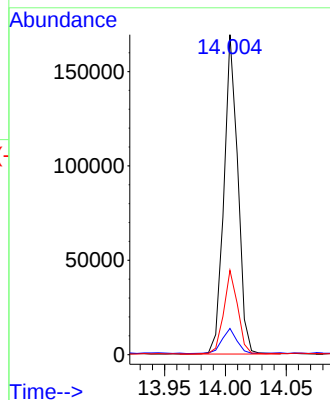
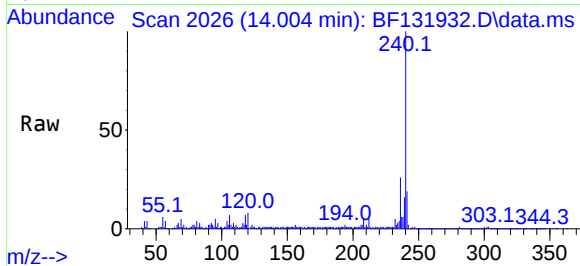




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

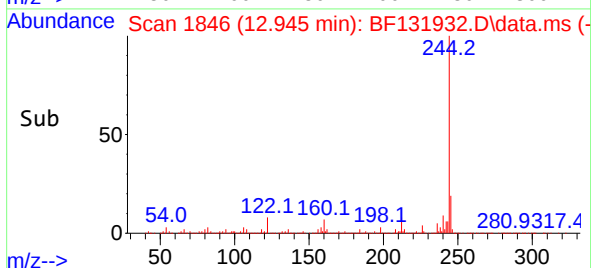
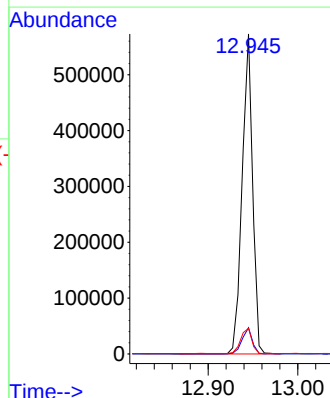
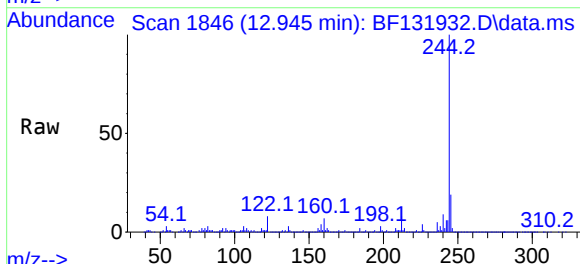
Instrument :
BNA_F
ClientSampleId :
PE-4

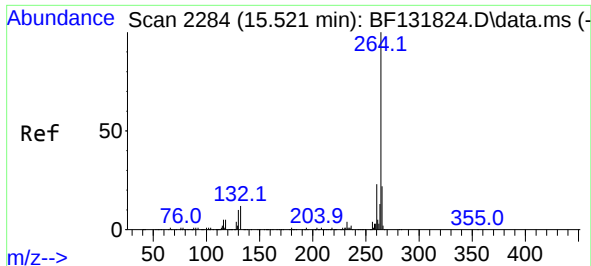
Tgt Ion:240 Resp: 134309
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 26.3 20.6 31.0



#79
Terphenyl-d14
Concen: 58.286 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion:244 Resp: 462798
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 8.0 6.4 9.6

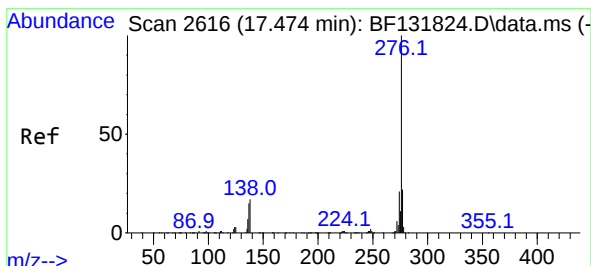
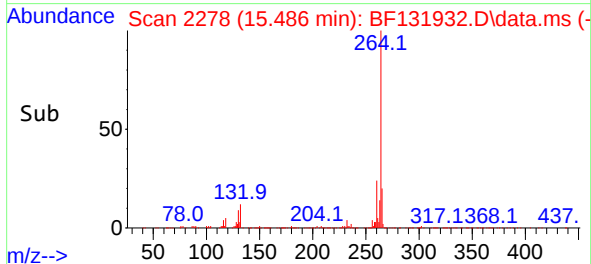
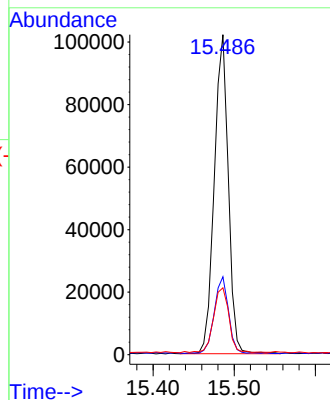
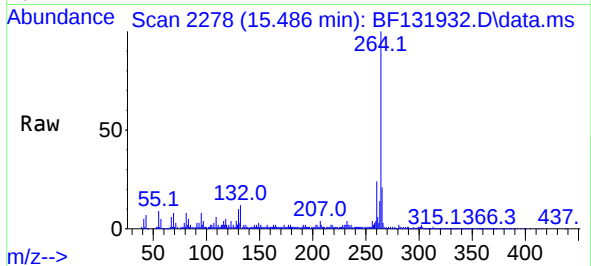




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:264 Resp: 122279
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 20.9 17.4 26.0



#92
Benzo(g,h,i)perylene
Concen: 5.548 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.024 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion:276 Resp: 2537
Ion Ratio Lower Upper
276 100
277 41.8 17.9 26.9#
138 23.5 13.7 20.5#

