

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124989.D
 Acq On : 7 Aug 2021 23:25
 Operator : JU/CG
 Sample : M3289-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26240

Quant Time: Aug 08 09:11:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

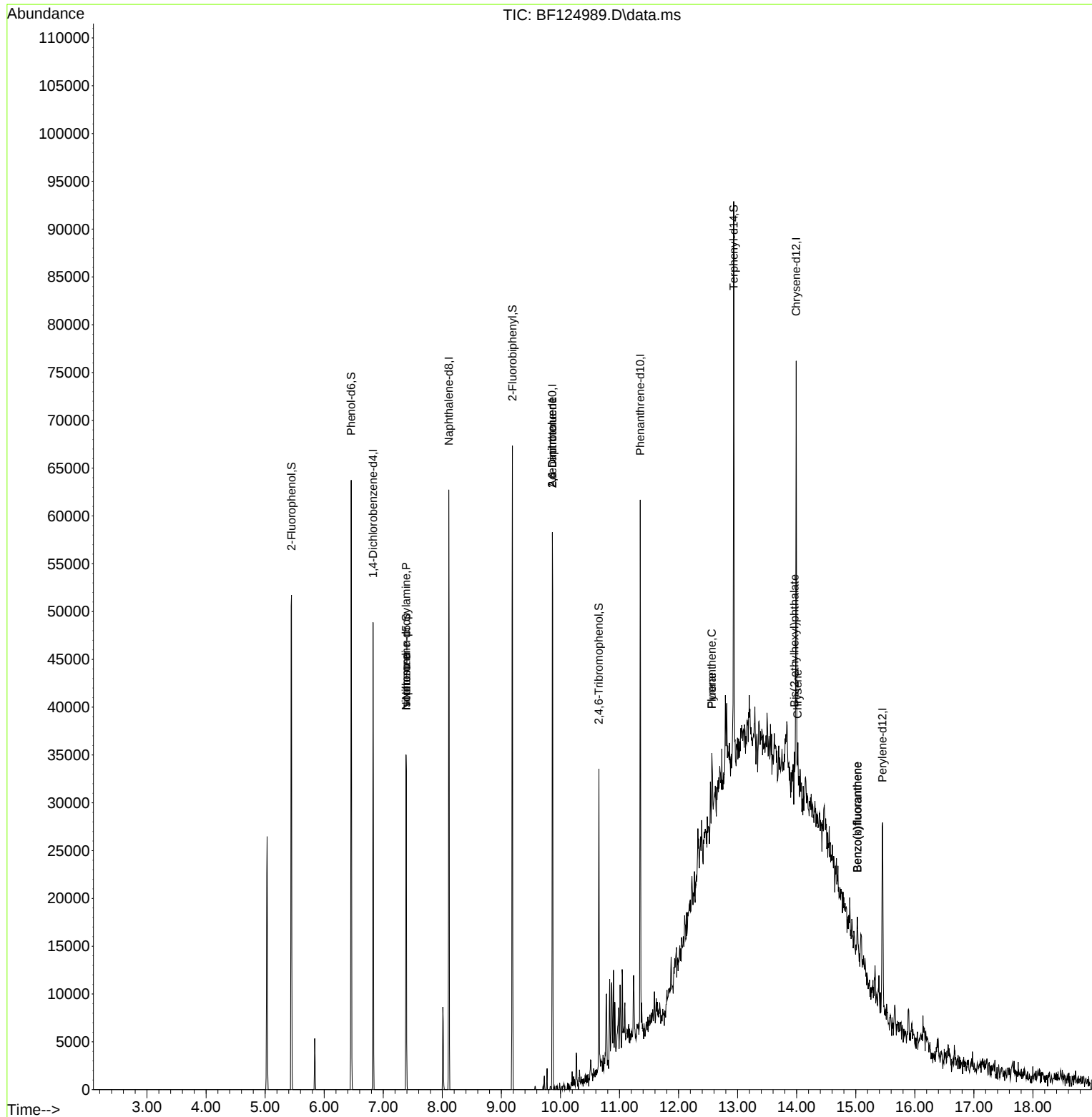
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6779	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	25116	20.00	ng	# 0.00
39) Acenaphthene-d10	9.863	164	11908	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	18271	20.00	ng	0.00
76) Chrysene-d12	13.992	240	13749	20.00	ng	0.00
86) Perylene-d12	15.451	264	9869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	14292	34.54	ng	0.00
7) Phenol-d6	6.457	99	17442	33.43	ng	0.00
23) Nitrobenzene-d5	7.387	82	10828	22.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	3141	29.52	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	19332	23.75	ng	0.00
79) Terphenyl-d14	12.933	244	16480	20.22	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	1285	4.15	ng	# 65
25) Isophorone	7.387	82	10828	13.21	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	1428	7.95	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	1428	5.85	ng	# 18
75) Fluoranthene	12.563	202	3229	3.15	ng	95
78) Pyrene	12.563	202	3229	2.98	ng	95
83) Chrysene	14.015	228	1814	2.09	ng	# 95
84) Bis(2-ethylhexyl)phtha...	13.963	149	1771	2.65	ng	# 94
88) Benzo(b)fluoranthene	15.027	252	3217	4.64	ng	# 86
89) Benzo(k)fluoranthene	15.027	252	3217	5.10	ng	# 87

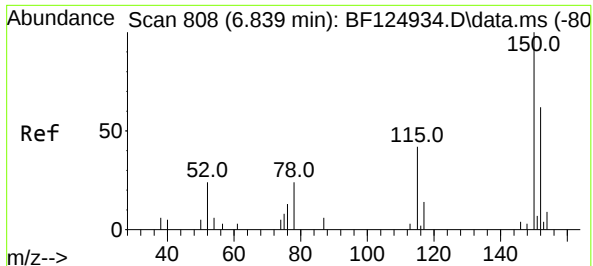
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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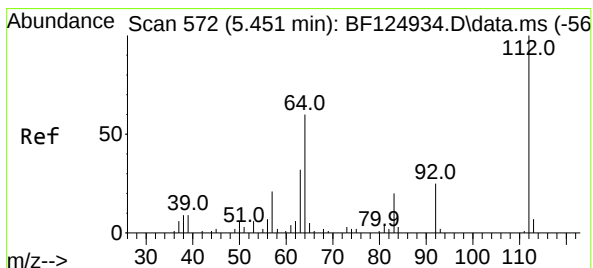
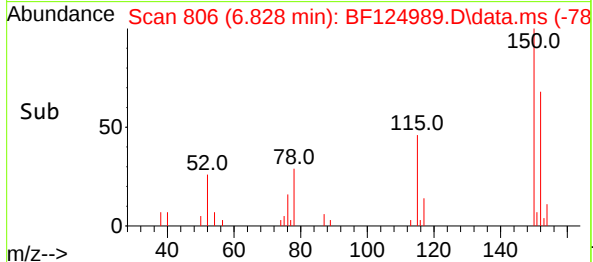
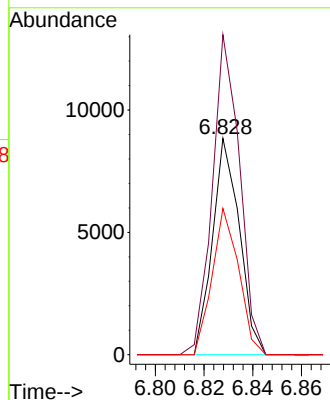
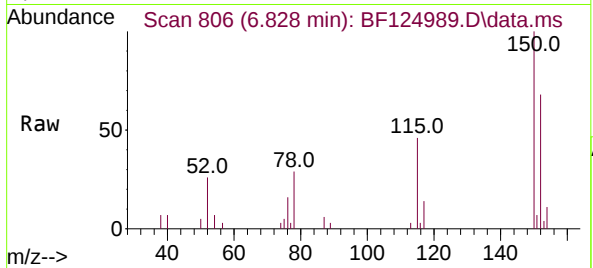




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

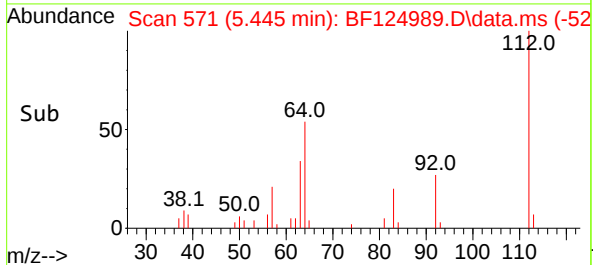
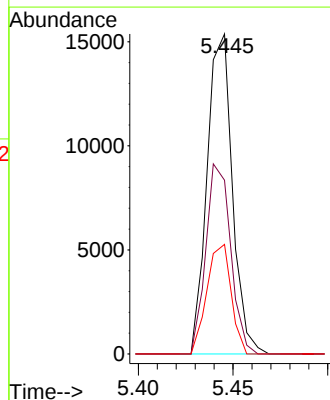
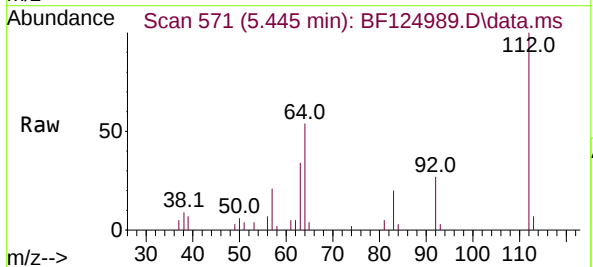
Instrument :
BNA_F
ClientSampleId :
26240

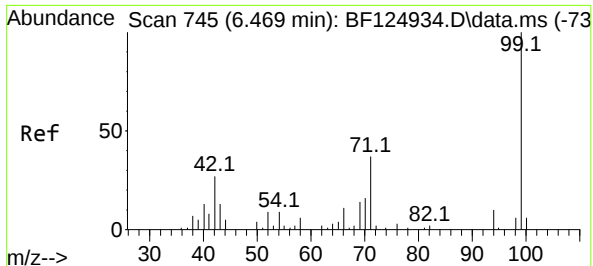
Tgt Ion:152 Resp: 6779
Ion Ratio Lower Upper
152 100
150 147.9 117.6 176.4
115 67.6 47.1 70.7



#5
2-Fluorophenol
Concen: 34.54 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion:112 Resp: 14292
Ion Ratio Lower Upper
112 100
64 54.3 44.2 66.2
63 34.3 26.2 39.2

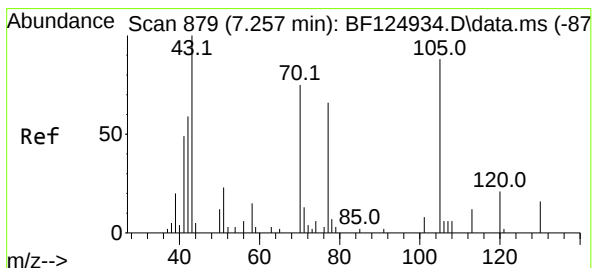
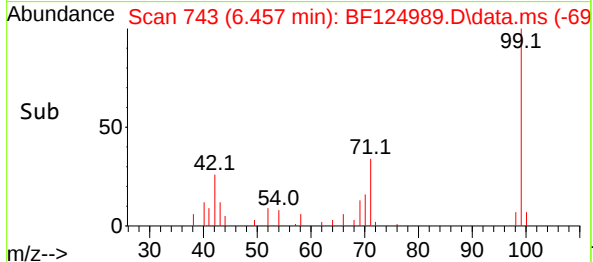
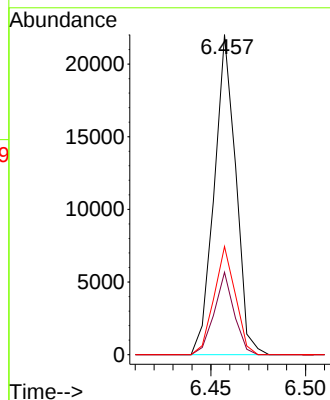
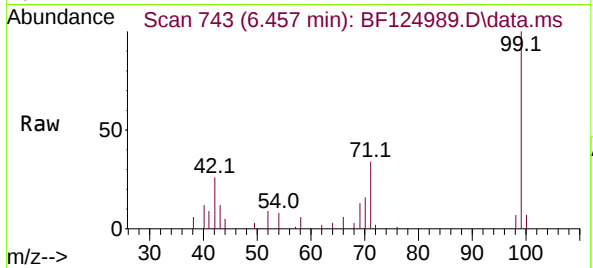




#7
Phenol-d6
Concen: 33.43 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

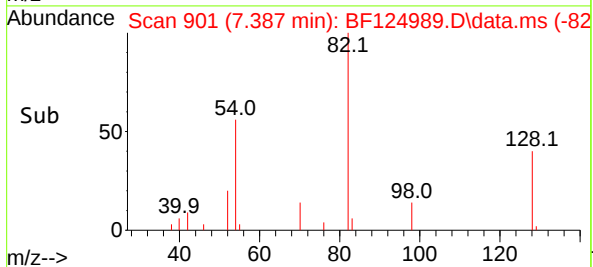
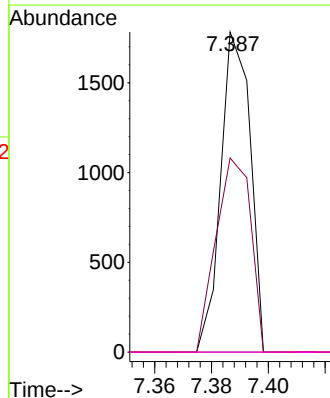
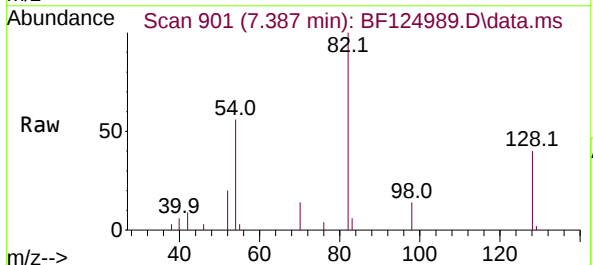
Instrument :
BNA_F
ClientSampleId :
26240

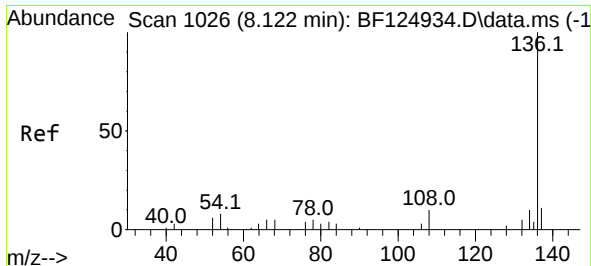
Tgt Ion: 99 Resp: 17442
Ion Ratio Lower Upper
99 100
42 25.8 23.5 35.3
71 33.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.15 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion: 70 Resp: 1285
Ion Ratio Lower Upper
70 100
42 60.6 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

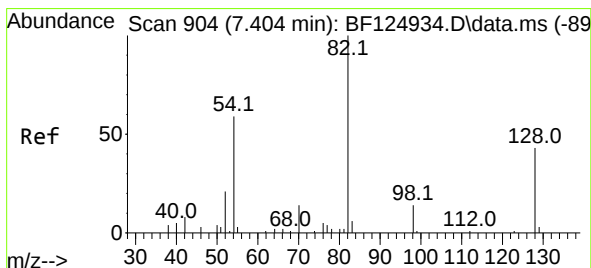
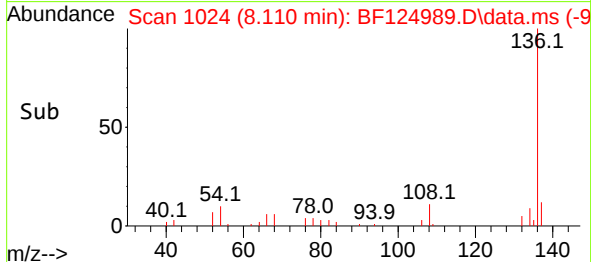
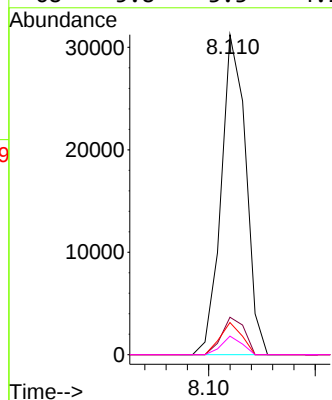
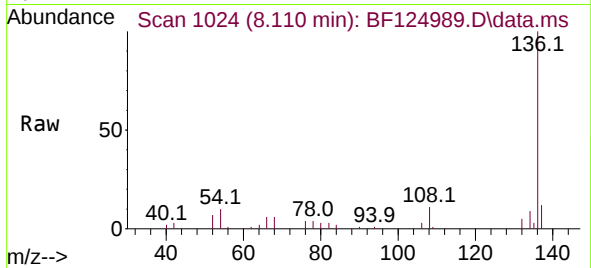




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

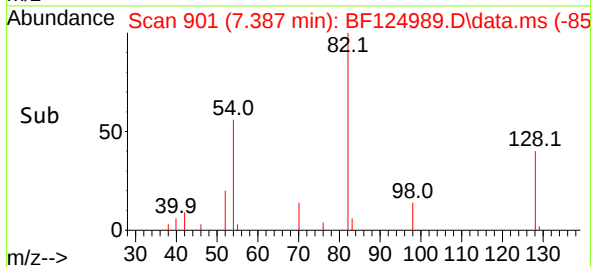
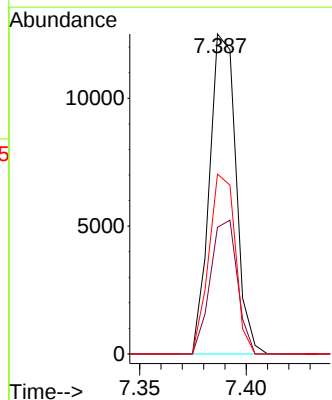
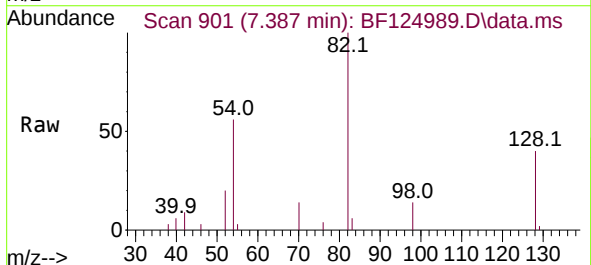
Instrument :
BNA_F
ClientSampleId :
26240

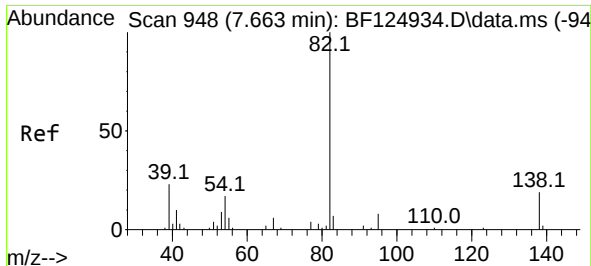
Tgt Ion:136	Resp:	25116
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.8 14.6
54	10.1	6.4 9.6#
68	5.8	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 22.55 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion: 82	Resp:	10828
Ion Ratio	Lower	Upper
82	100	
128	39.6	40.6 60.8#
54	56.2	49.6 74.4

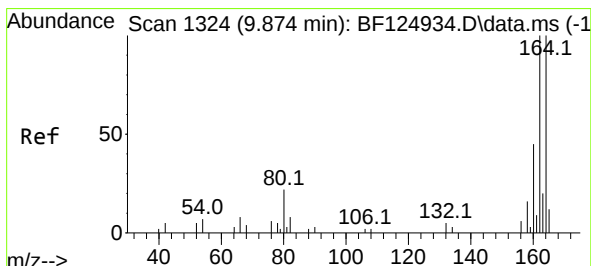
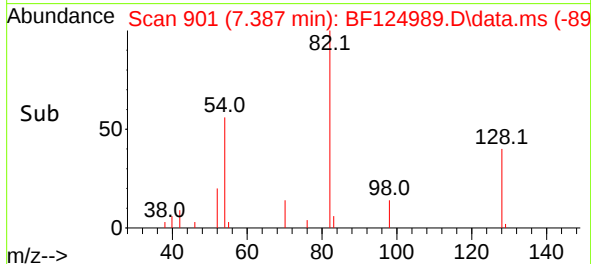
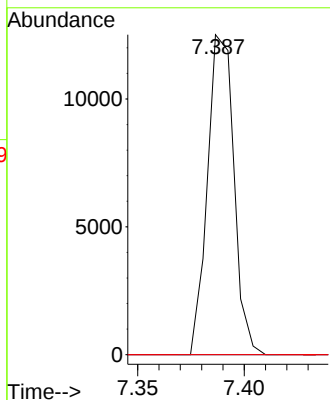
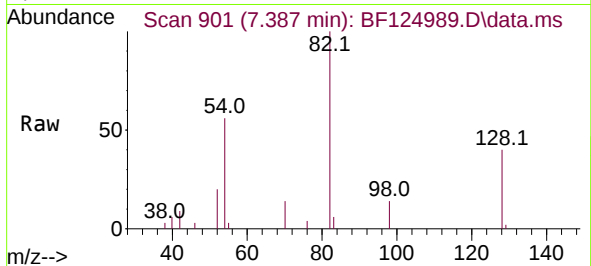




#25
Isophorone
Concen: 13.21 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.270 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

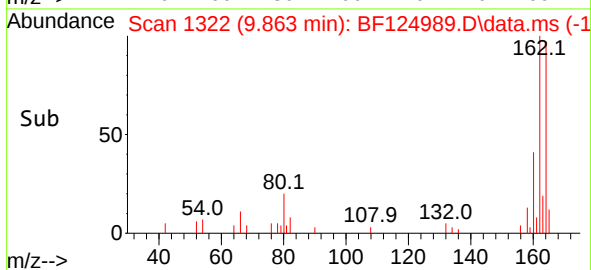
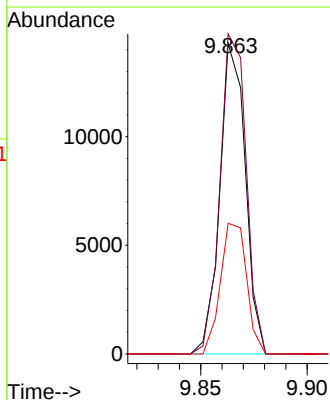
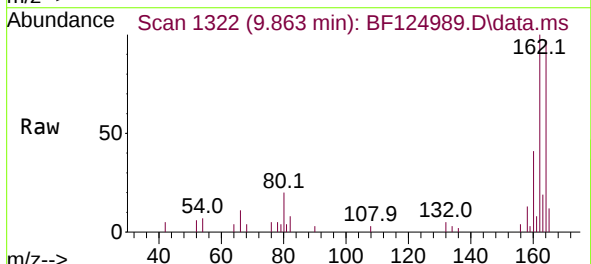
Instrument :
BNA_F
ClientSampleId :
26240

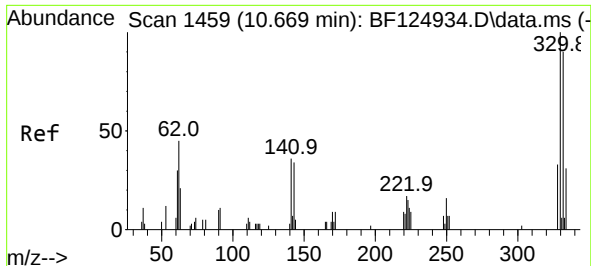
Tgt Ion: 82 Resp: 10828
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

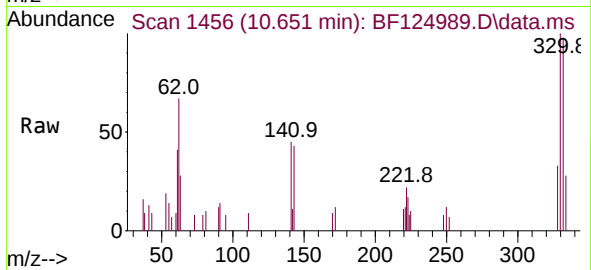
Tgt Ion: 164 Resp: 11908
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 42.1 38.0 57.0



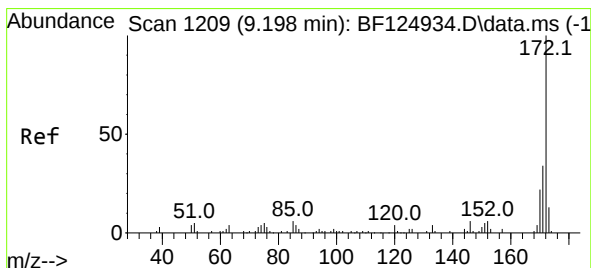
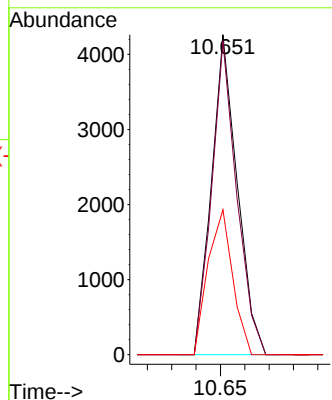
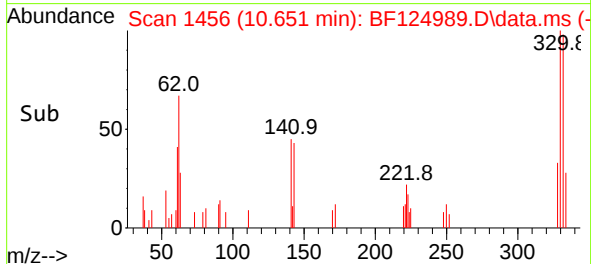


#42
2,4,6-Tribromophenol
Concen: 29.52 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

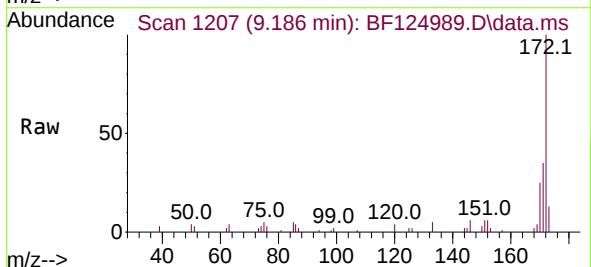
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BNA_F
ClientSampleId :
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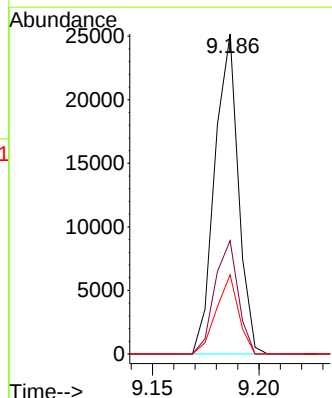
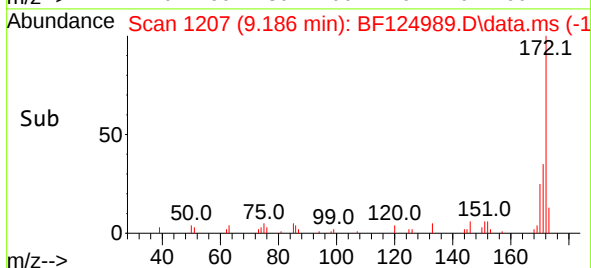
Tgt Ion: 330 Resp: 3141
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 43.2 44.6 66.8#

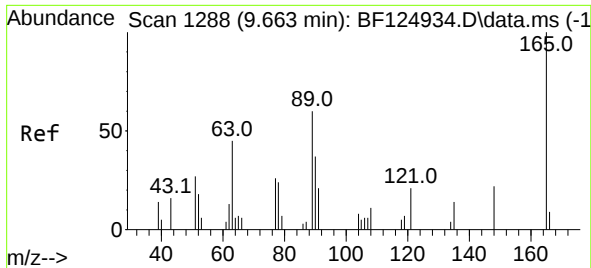


#45
2-Fluorobiphenyl
Concen: 23.75 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25



Tgt Ion: 172 Resp: 19332
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.7 18.8 28.2

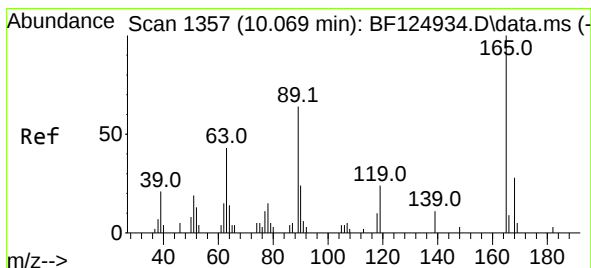
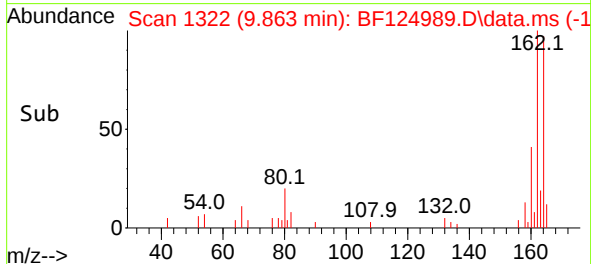
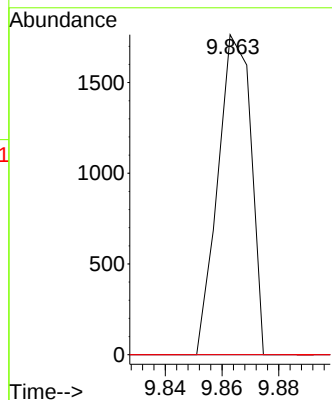
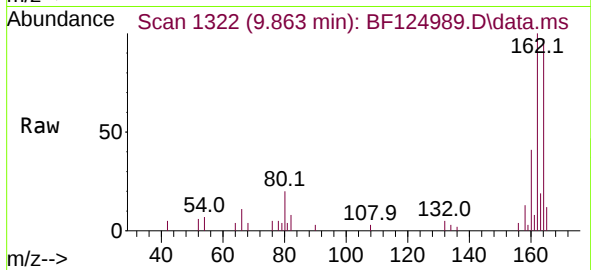




#51
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

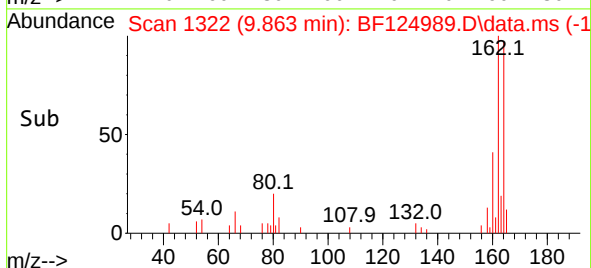
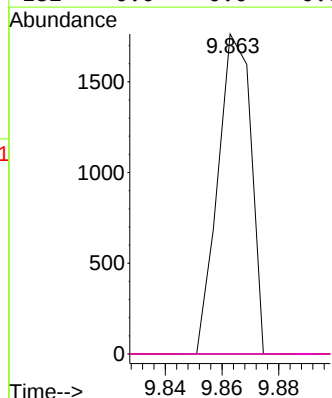
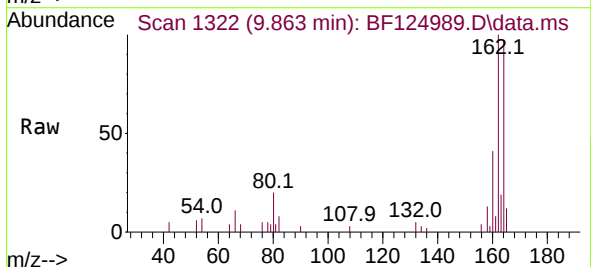
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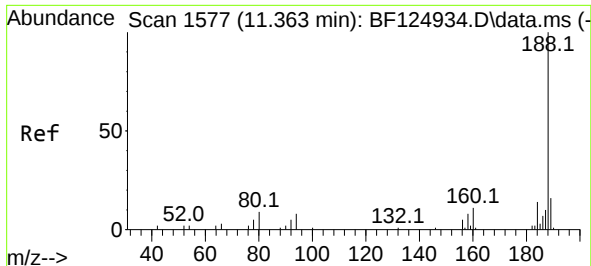
Tgt Ion:165 Resp: 1428
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion:165 Resp: 1428
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

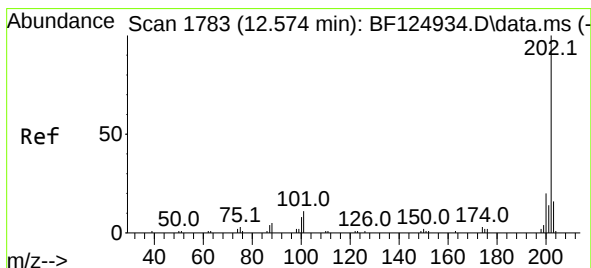
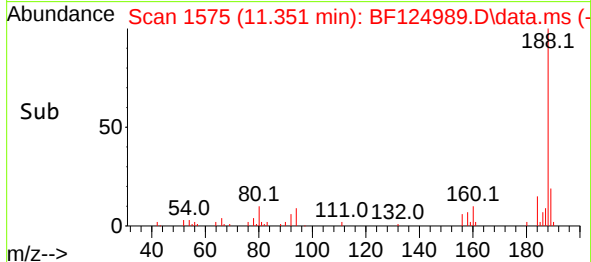
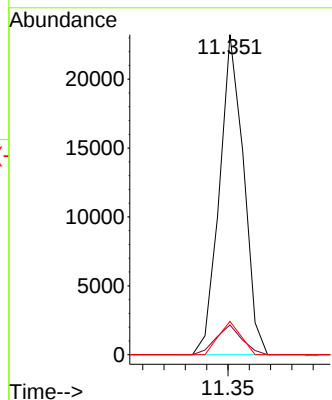
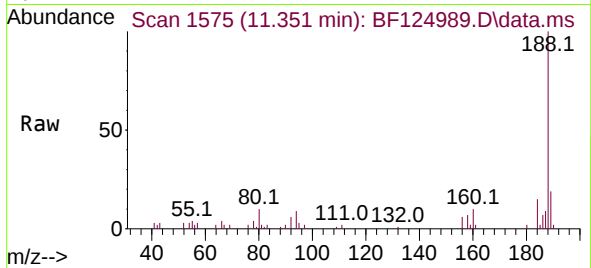




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

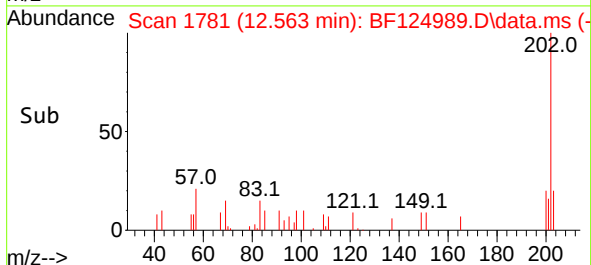
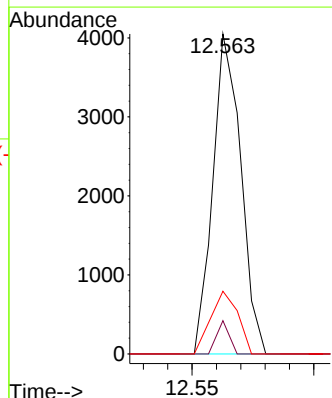
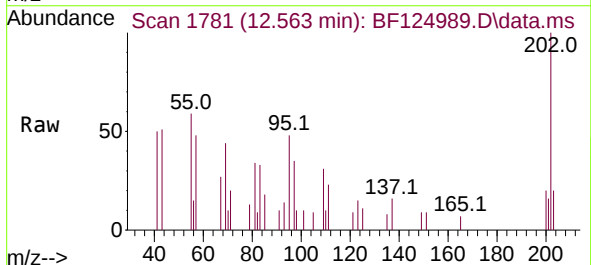
Instrument :
BNA_F
ClientSampled :
26240

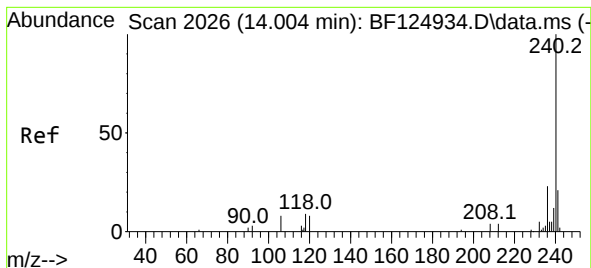
Tgt Ion:188 Resp: 18271
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.4 7.5 11.3



#75
Fluoranthene
Concen: 3.15 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion:202 Resp: 3229
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 19.6 0.0 36.3

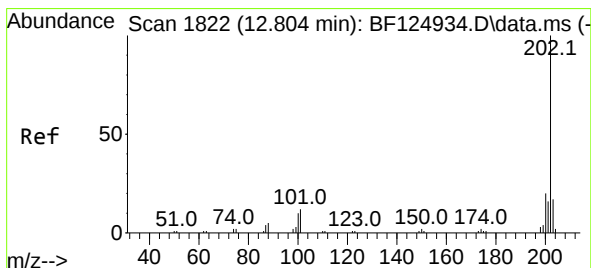
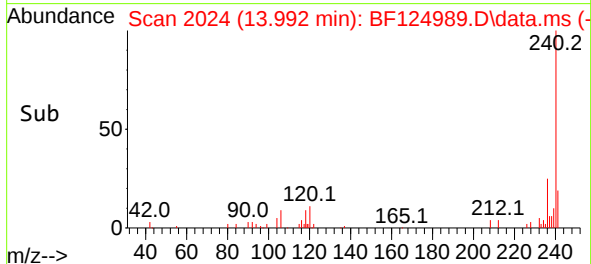
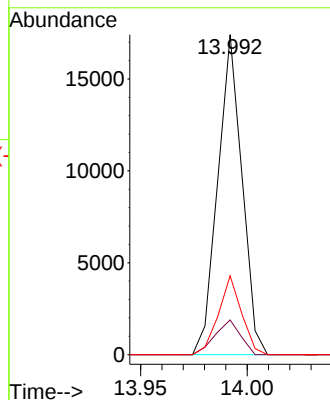
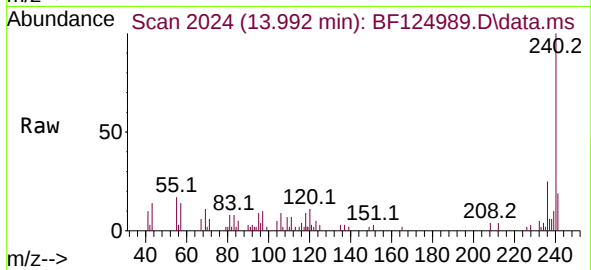




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

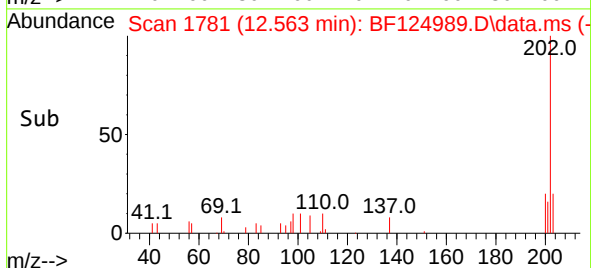
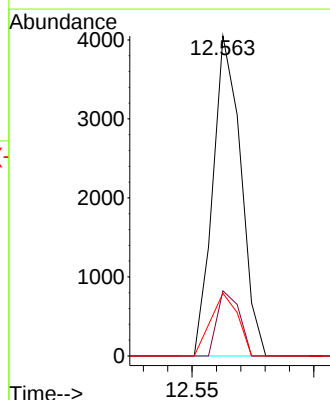
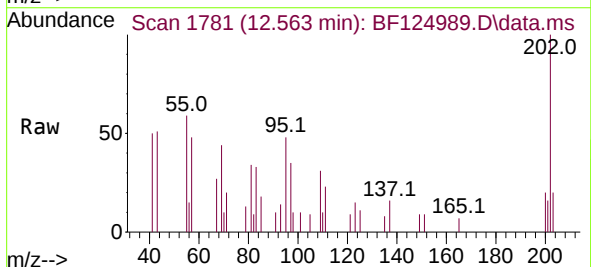
Instrument :
BNA_F
ClientSampled :
26240

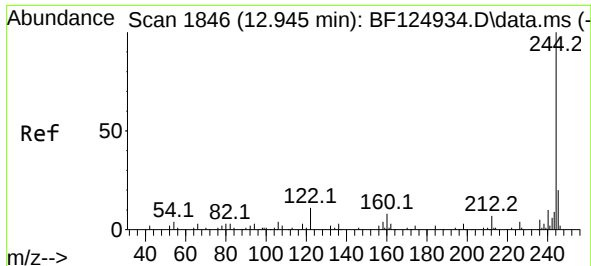
Tgt Ion:240 Resp: 13749
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 24.6 21.6 32.4



#78
Pyrene
Concen: 2.98 ng
RT: 12.563 min Scan# 1781
Delta R.T. -0.229 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion:202 Resp: 3229
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 19.6 13.4 20.0

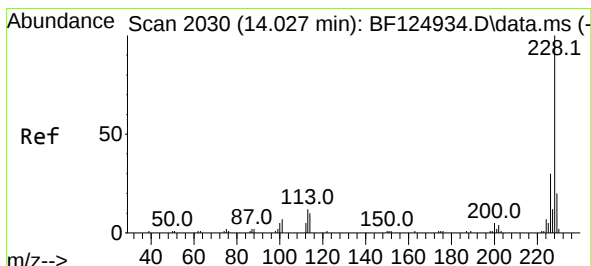
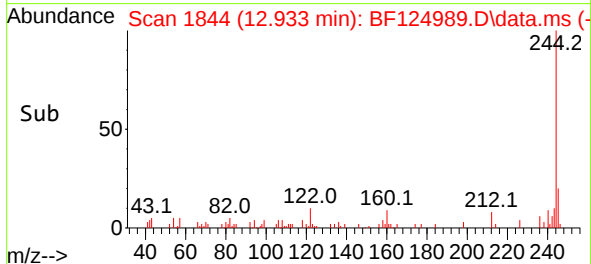
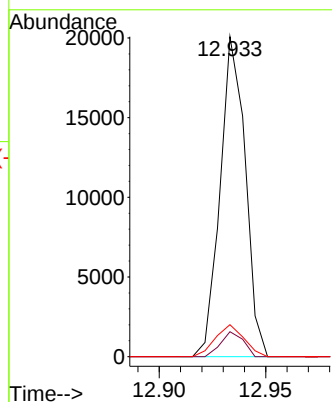
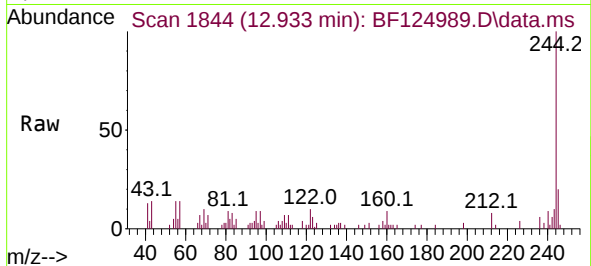




#79
 Terphenyl-d14
 Concen: 20.22 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF124989.D
 Acq: 7 Aug 2021 23:25

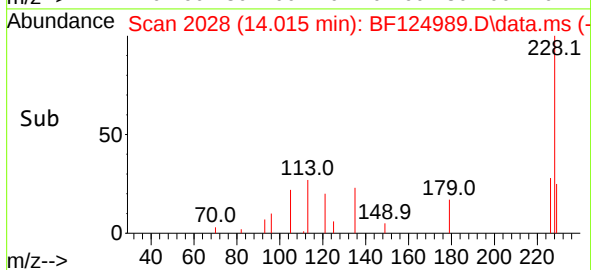
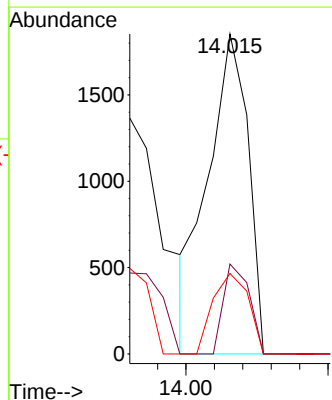
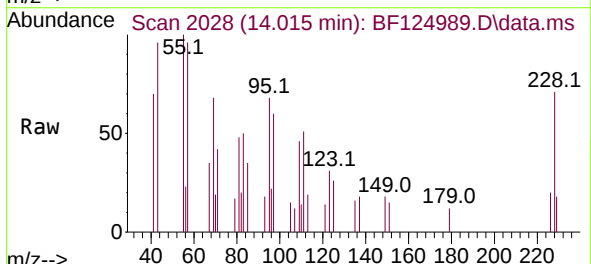
Instrument :
 BNA_F
 ClientSampleId :
 26240

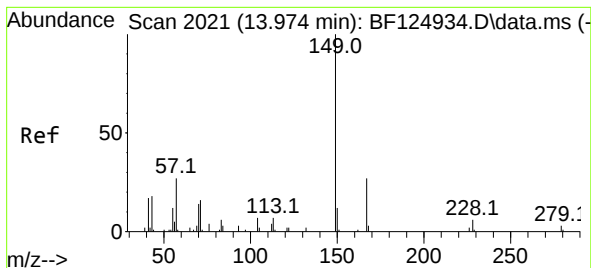
Tgt Ion:244 Resp: 16480
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 10.0 9.0 13.4



#83
 Chrysene
 Concen: 2.09 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: BF124989.D
 Acq: 7 Aug 2021 23:25

Tgt Ion:228 Resp: 1814
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.6 34.0
 229 25.1 15.9 23.9#

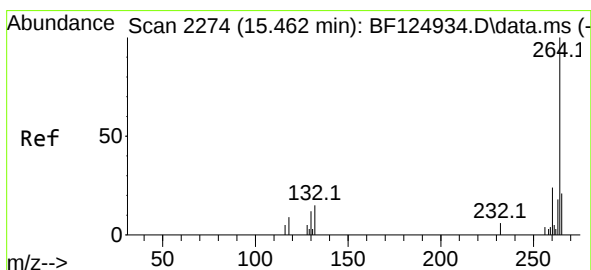
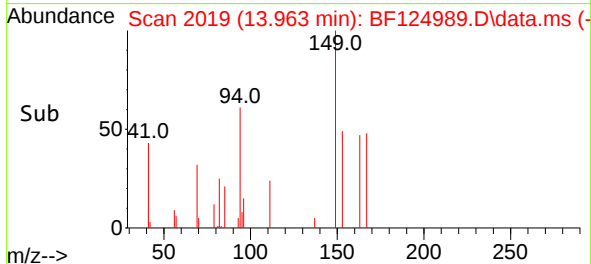
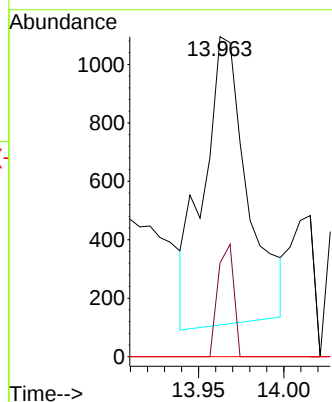
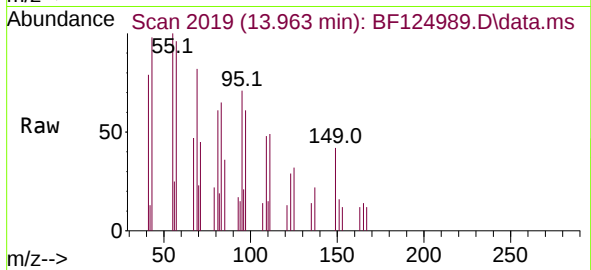




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.65 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

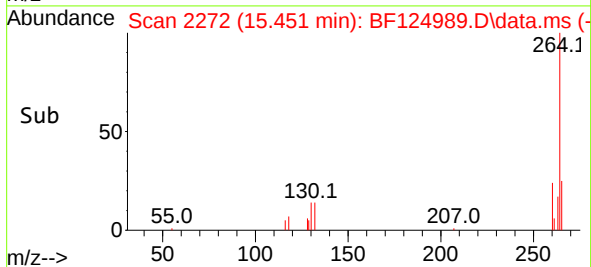
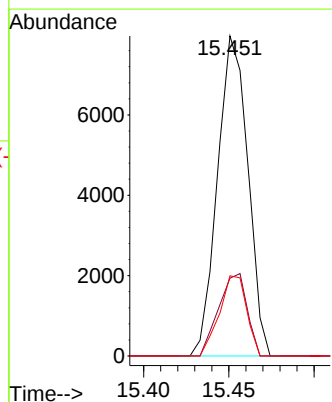
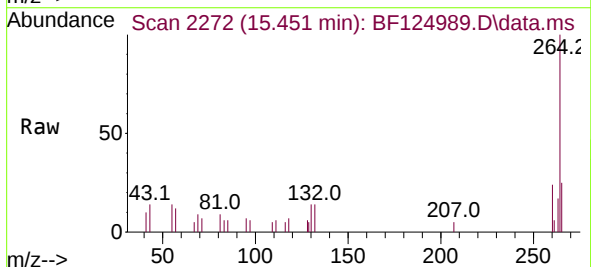
Instrument :
BNA_F
ClientSampled :
26240

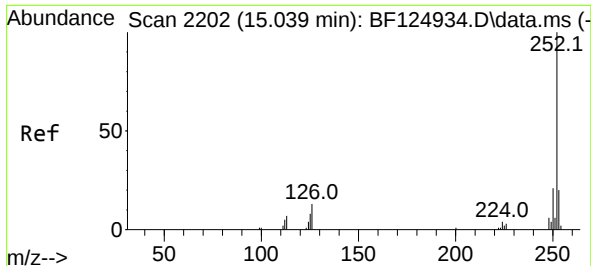
Tgt Ion:149 Resp: 1771
Ion Ratio Lower Upper
149 100
167 29.3 21.4 32.0
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion:264 Resp: 9869
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 25.1 17.2 25.8

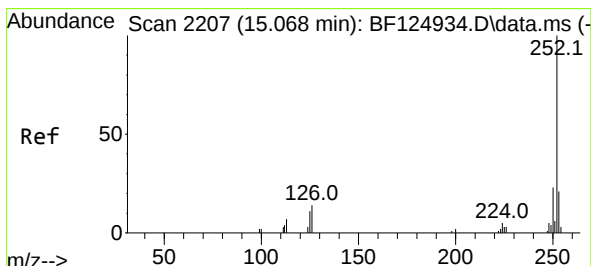
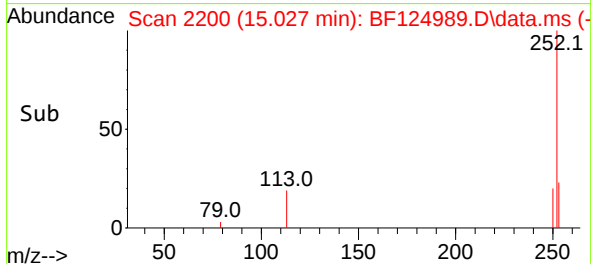
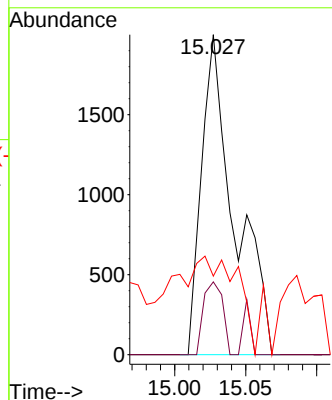
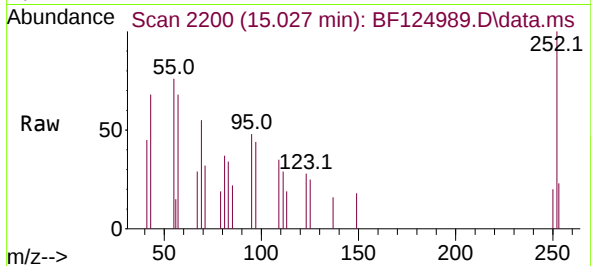




#88
Benzo(b)fluoranthene
Concen: 4.64 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Instrument :
BNA_F
ClientSampleId :
26240

Tgt Ion:252 Resp: 3217
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 24.6 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 5.10 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.023 min
Lab File: BF124989.D
Acq: 7 Aug 2021 23:25

Tgt Ion:252 Resp: 3217
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 24.6 7.2 10.8#

