

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123471.D
 Acq On : 25 Mar 2021 20:23
 Operator : JU/CG
 Sample : M1773-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032321

Quant Time: Mar 26 00:39:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 17:06:59 2021
 Response via : Initial Calibration

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

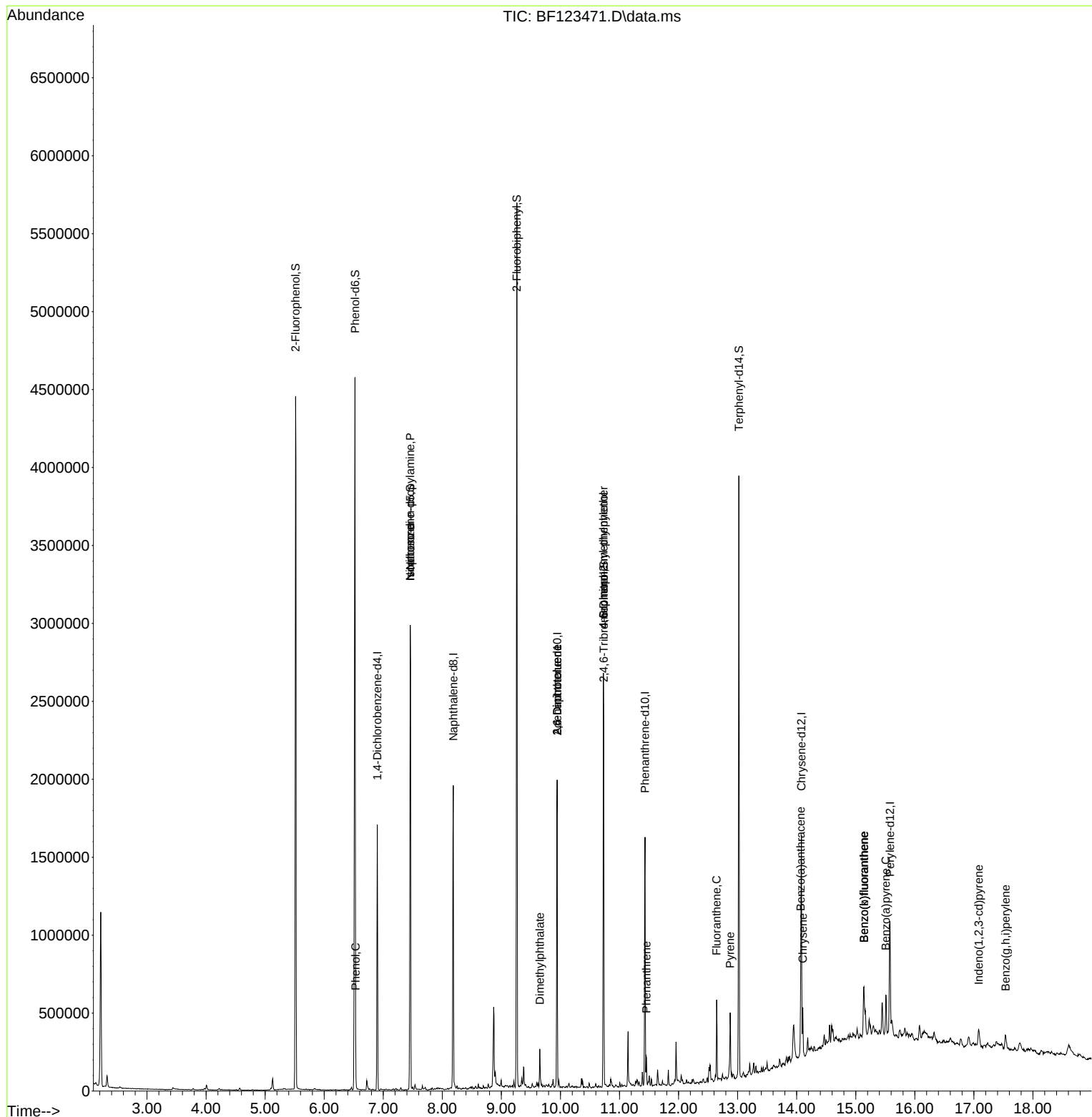
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	220955	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	786165	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	392373	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	567232	20.00	ng	0.00
76) Chrysene-d12	14.080	240	430070	20.00	ng	0.00
86) Perylene-d12	15.580	264	365359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1143448	84.66	ng	0.00
7) Phenol-d6	6.522	99	1423786	79.19	ng	0.00
23) Nitrobenzene-d5	7.457	82	943087	64.74	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	315450	71.91	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1589909	57.89	ng	0.00
79) Terphenyl-d14	13.021	244	1183430	46.64	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	346	Below Cal	#	84
10) Phenol	6.533	94	56359	3.05	ng	95
19) n-Nitroso-di-n-propyla...	7.457	70	127694	10.98	ng	# 83
25) Isophorone	7.457	82	939885	30.01	ng	# 65
50) Dimethylphthalate	9.651	163	75765	2.72	ng	99
51) 2,6-Dinitrotoluene	9.945	165	52167	8.96	ng	# 31
57) 2,4-Dinitrotoluene	9.945	165	52167	7.18	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	619	5.30	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	18407	2.74	ng	# 1
71) Phenanthrene	11.457	178	64985	2.07	ng	96
75) Fluoranthene	12.645	202	183638	5.41	ng	98
78) Pyrene	12.874	202	166977	4.50	ng	98
81) Benzo(a)anthracene	14.068	228	110421	3.92	ng	98
83) Chrysene	14.104	228	112525	3.87	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	76283	3.36	ng	96
88) Benzo(b)fluoranthene	15.139	252	242741	9.63	ng	99
89) Benzo(k)fluoranthene	15.139	252	242741	10.19	ng	98
90) Benzo(a)pyrene	15.509	252	126160	5.80	ng	97
92) Benzo(g,h,i)perylene	17.539	276	80350	4.16	ng	95

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

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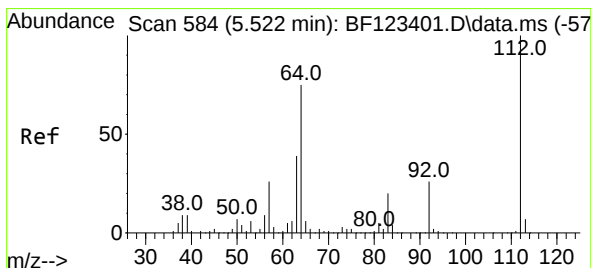
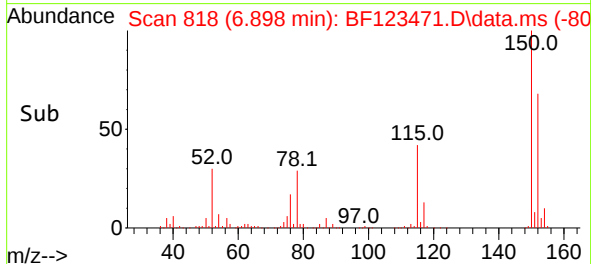
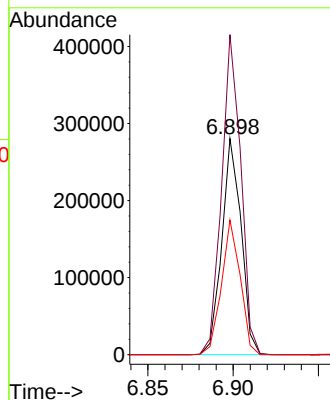
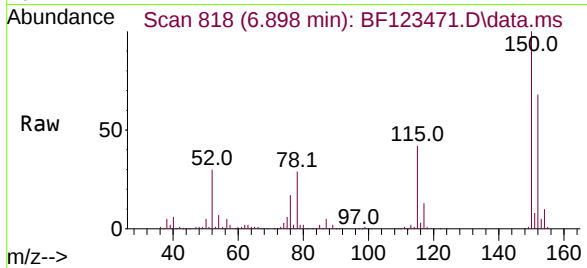




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

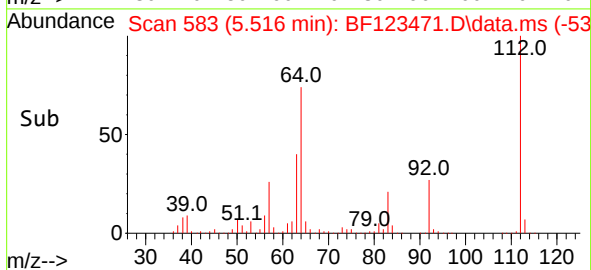
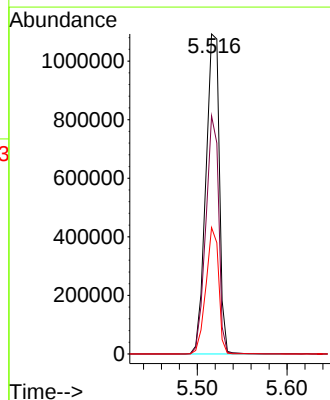
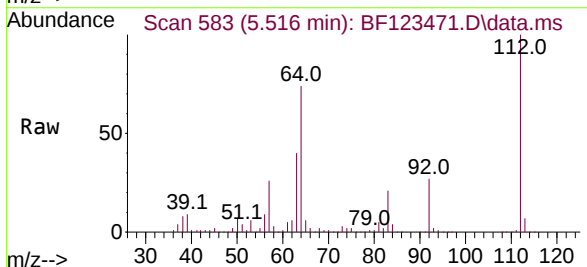
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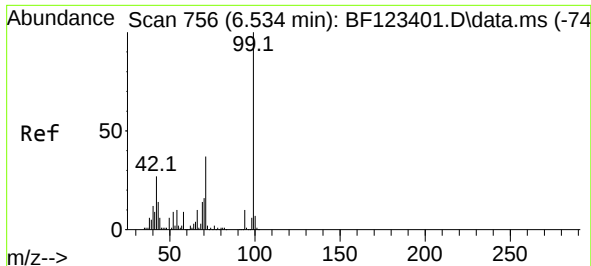
Tgt Ion:152 Resp: 220955
Ion Ratio Lower Upper
152 100
150 148.0 125.8 188.6
115 62.3 49.3 73.9



#5
2-Fluorophenol
Concen: 84.66 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:112 Resp: 1143448
Ion Ratio Lower Upper
112 100
64 74.4 46.9 70.3#
63 39.5 24.5 36.7#

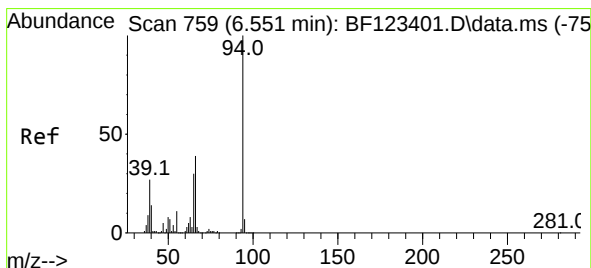
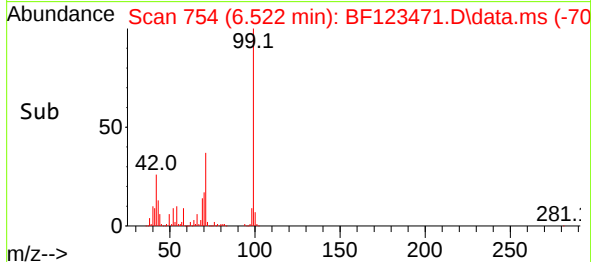
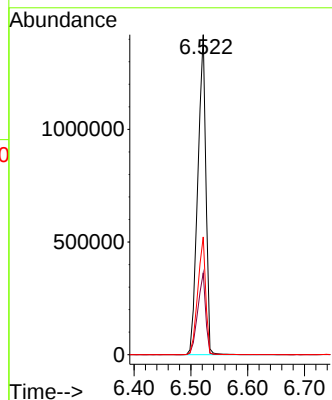
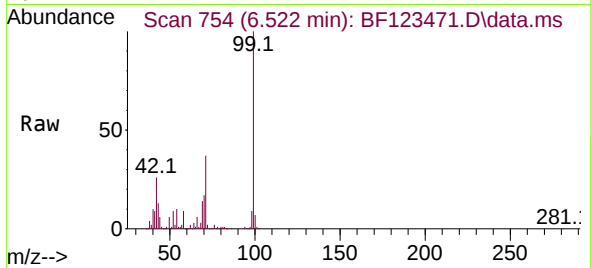




#7
Phenol-d6
Concen: 79.19 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

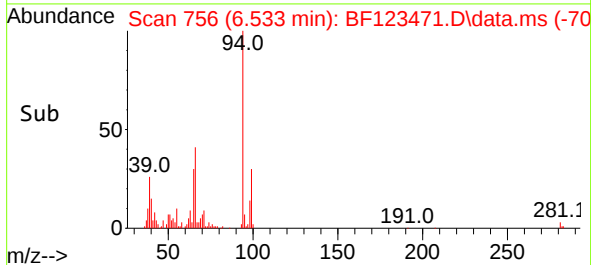
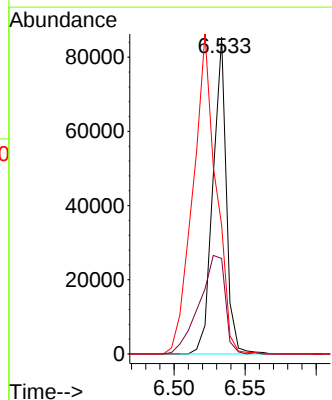
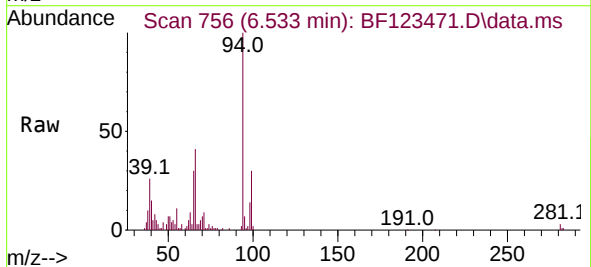
Instrument :
BNA_F
ClientSampleId :
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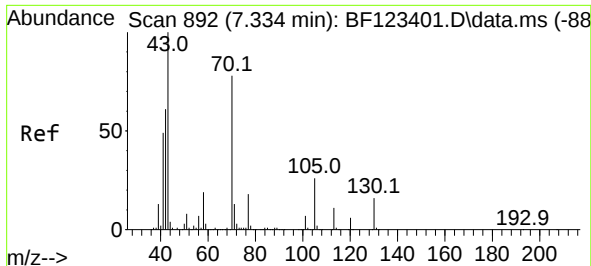
Tgt Ion: 99 Resp: 1423786
Ion Ratio Lower Upper
99 100
42 25.6 13.8 20.6#
71 36.8 26.9 40.3



#10
Phenol
Concen: 3.05 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion: 94 Resp: 56359
Ion Ratio Lower Upper
94 100
65 30.2 11.2 51.2
66 40.7 25.8 65.8

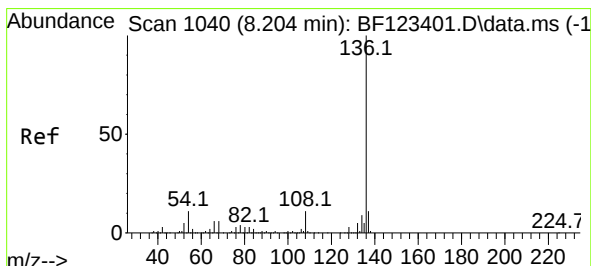
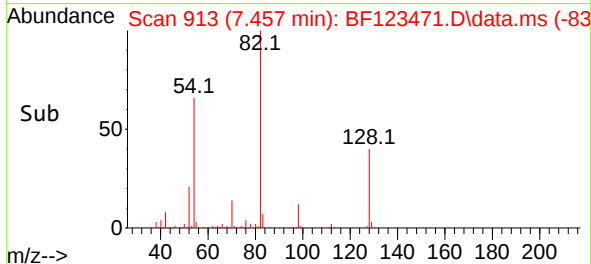
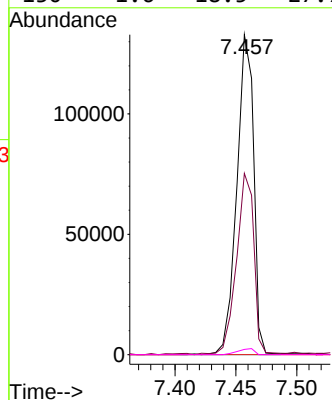
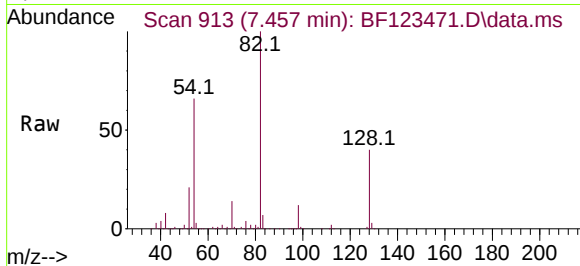




#19
n-Nitroso-di-n-propylamine
Concen: 10.98 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

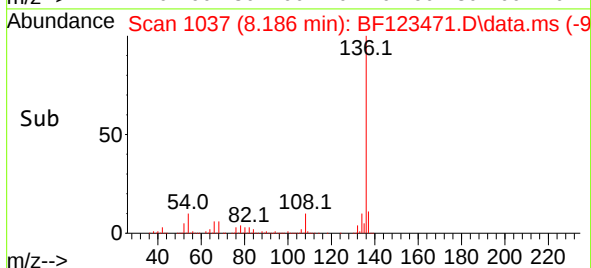
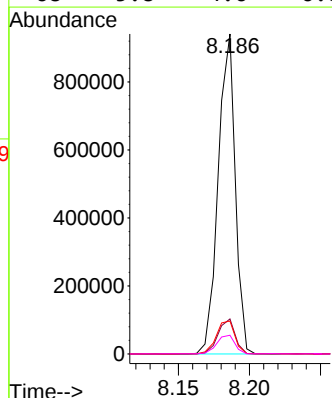
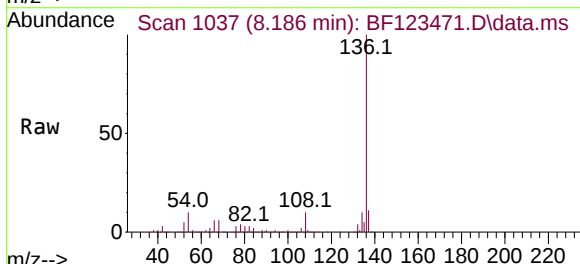
Instrument :
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ClientSampleId :
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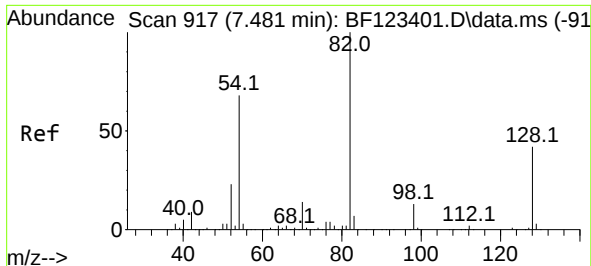
Tgt Ion:	70	Resp:	127694
Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.0	64.4
101	0.0	7.9	11.9#
130	1.6	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:	136	Resp:	786165
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.3	5.5	8.3#
68	5.8	4.6	6.8

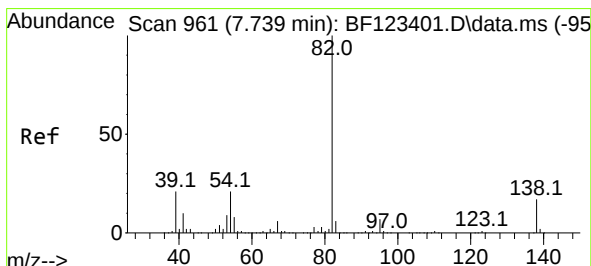
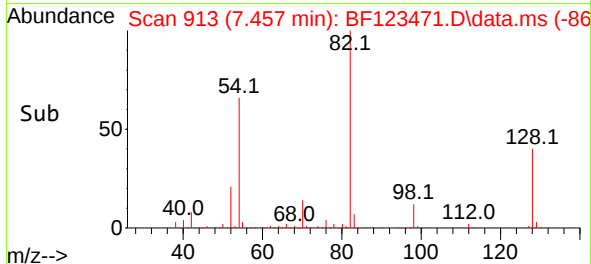
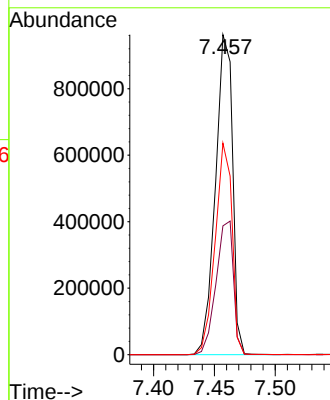
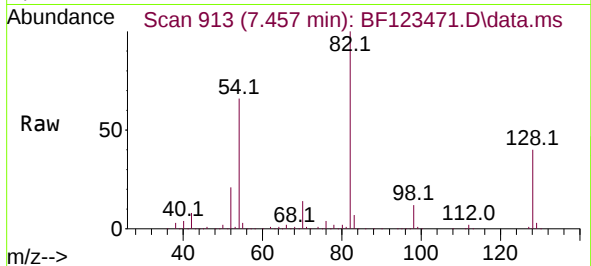




#23
Nitrobenzene-d5
Concen: 64.74 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

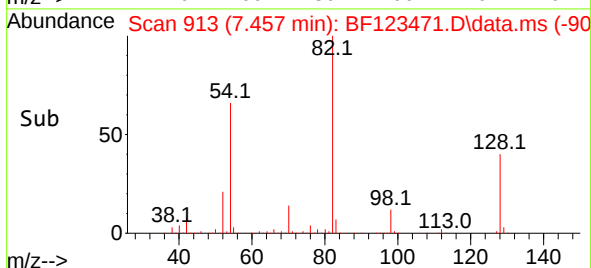
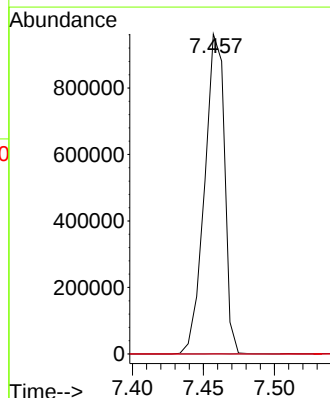
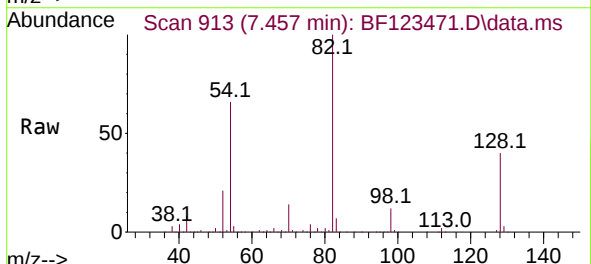
Instrument :
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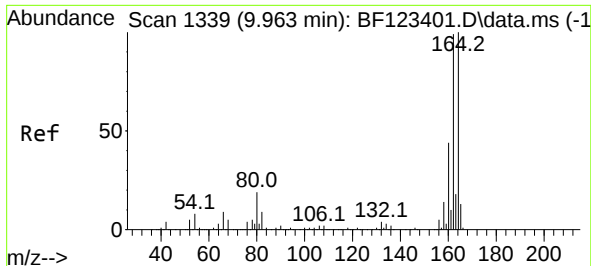
Tgt Ion: 82 Resp: 943087
Ion Ratio Lower Upper
82 100
128 40.3 37.0 55.4
54 66.1 38.4 57.6#



#25
Isophorone
Concen: 30.01 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion: 82 Resp: 939885
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

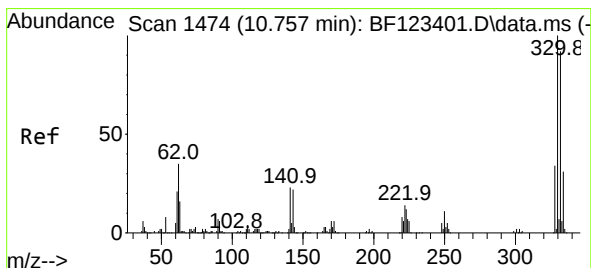
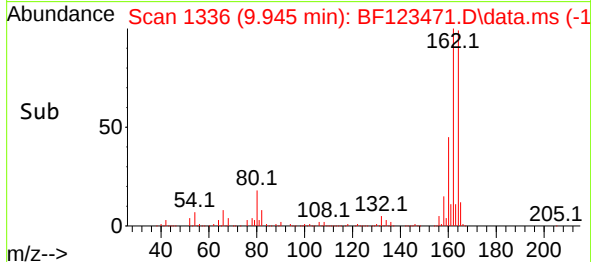
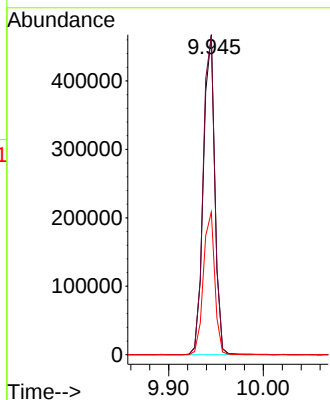
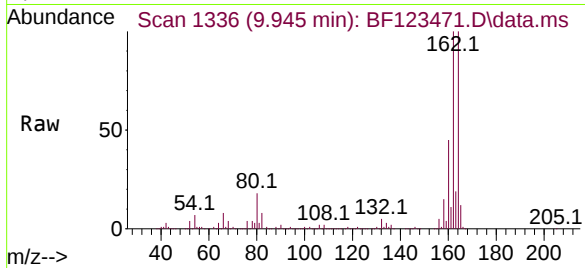




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

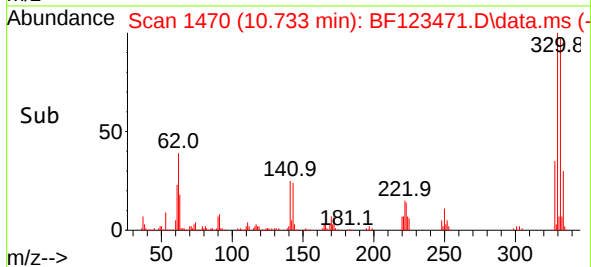
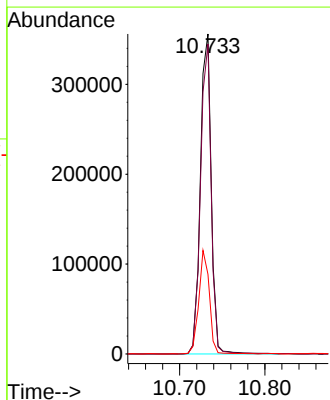
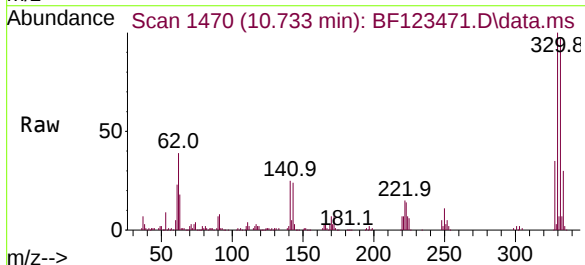
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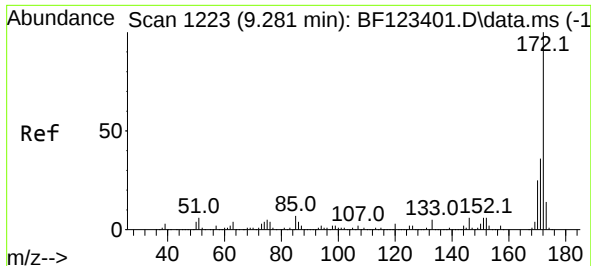
Tgt Ion:164 Resp: 392373
Ion Ratio Lower Upper
164 100
162 99.6 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 71.91 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:330 Resp: 315450
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 31.7 23.8 35.8

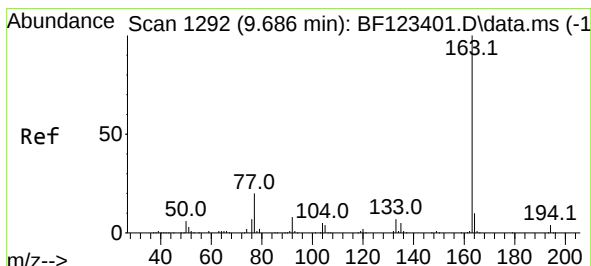
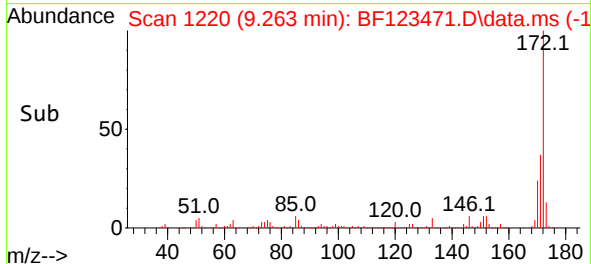
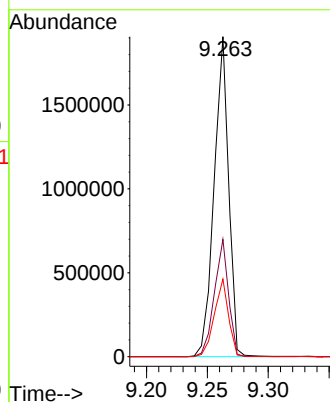
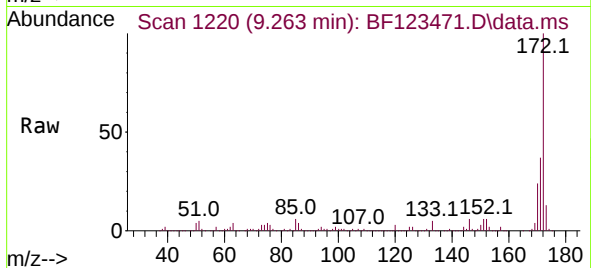




#45
2-Fluorobiphenyl
Concen: 57.89 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

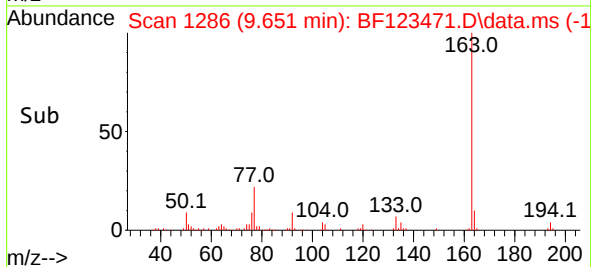
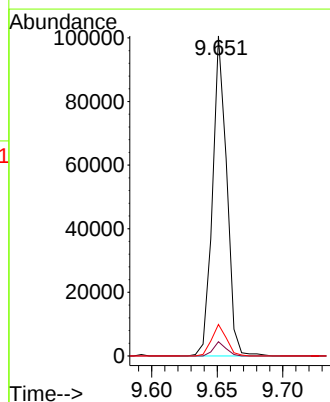
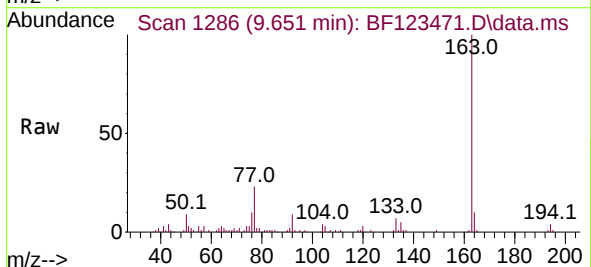
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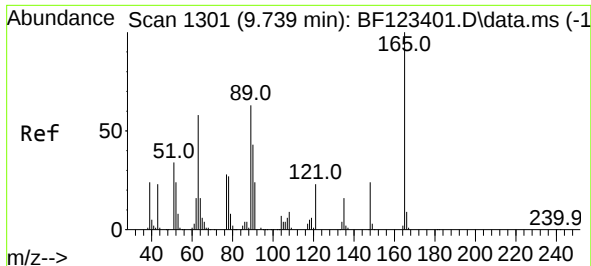
Tgt Ion:172 Resp: 1589909
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 2.72 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:163 Resp: 75765
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.8 8.1 12.1

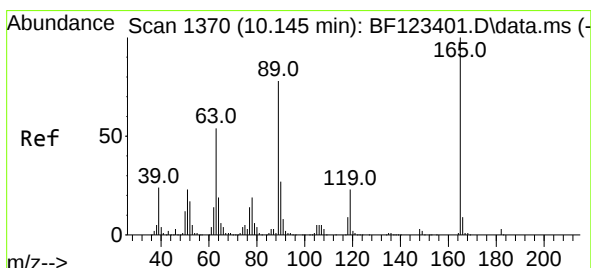
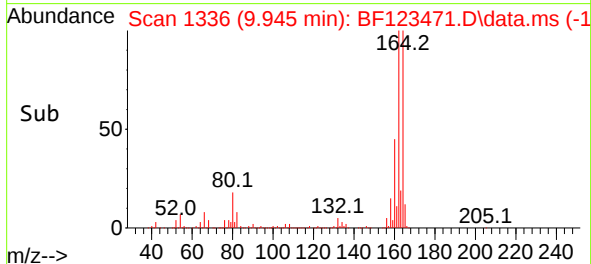
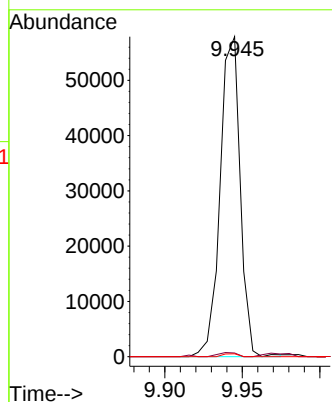
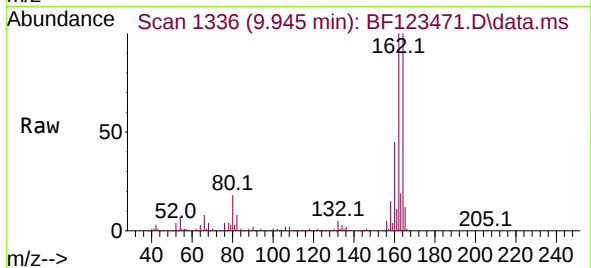




#51
2,6-Dinitrotoluene
Concen: 8.96 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.223 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

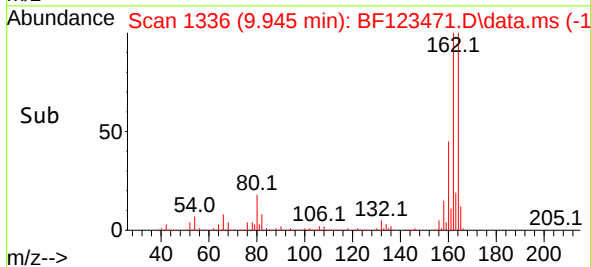
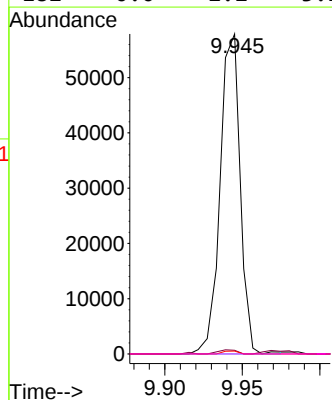
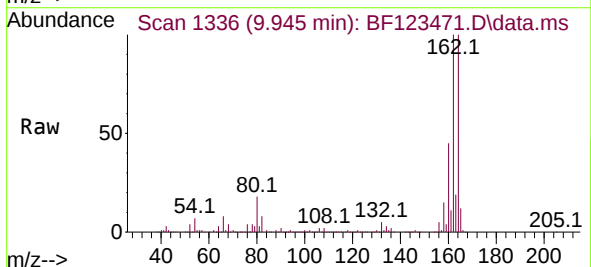
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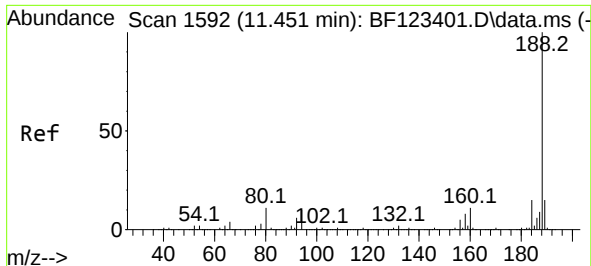
Tgt Ion:165 Resp: 52167
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 0.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.18 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.183 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:165 Resp: 52167
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#

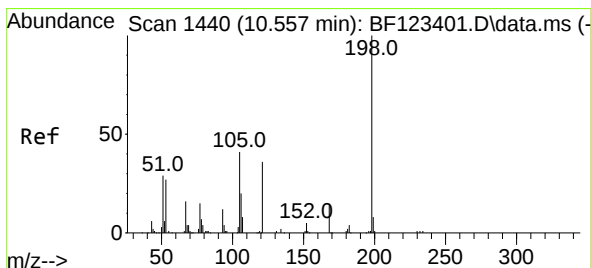
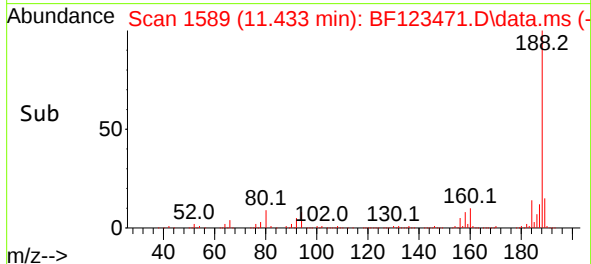
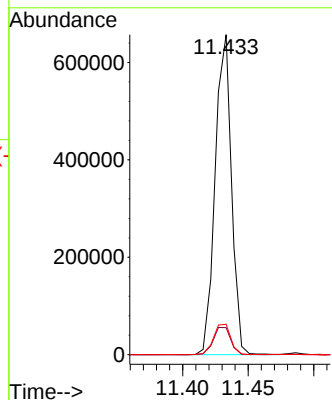
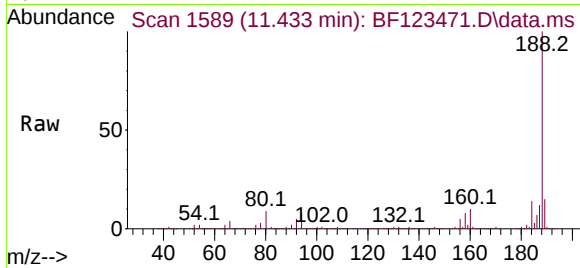




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

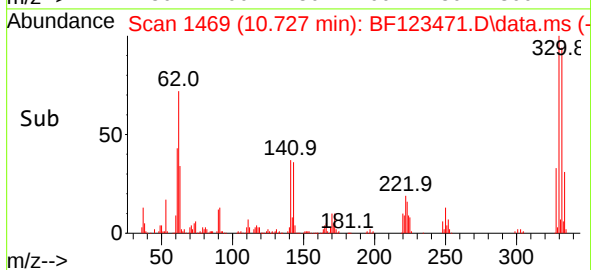
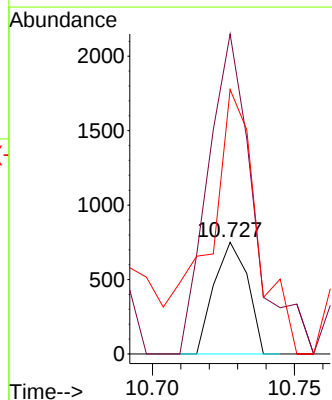
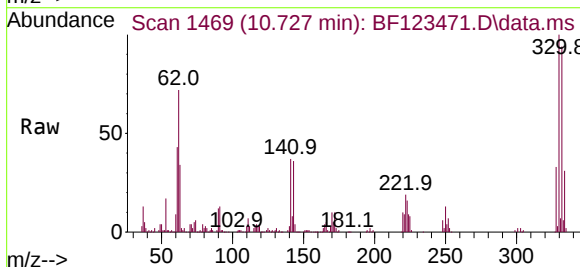
Instrument :
BNA_F
ClientSampleId :
NB-08-032321

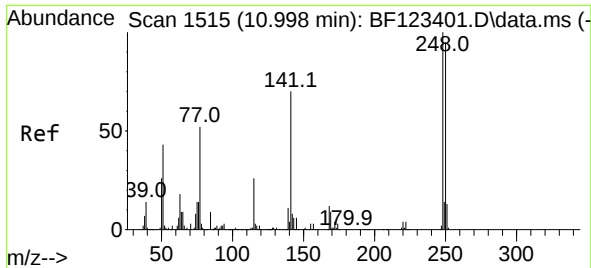
Tgt Ion:188 Resp: 567232
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.5 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:198 Resp: 619
Ion Ratio Lower Upper
198 100
51 286.5 20.3 60.3#
105 236.8 23.0 63.0#

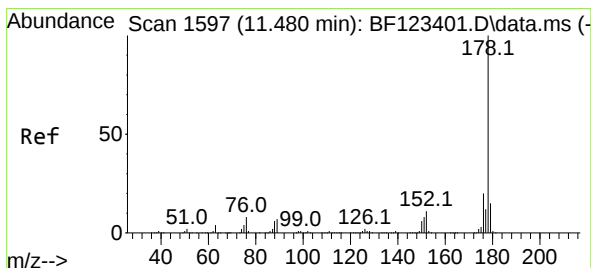
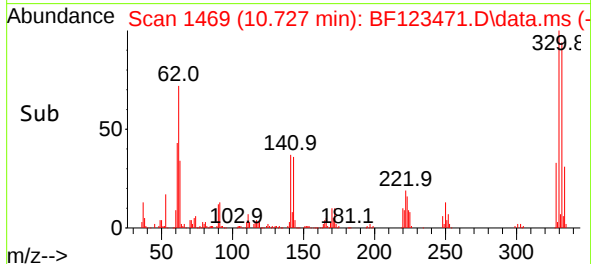
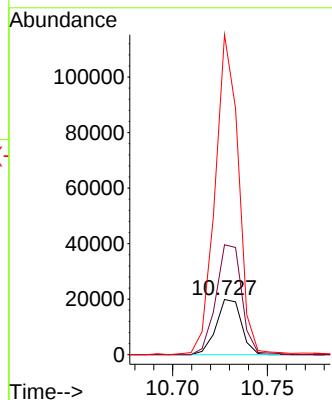
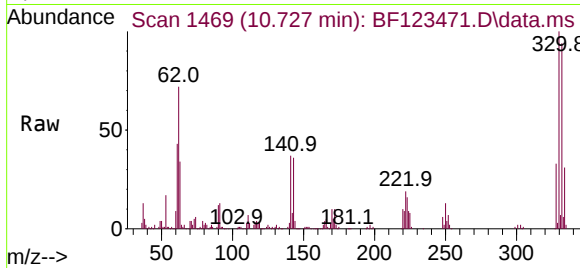




#67
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.253 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

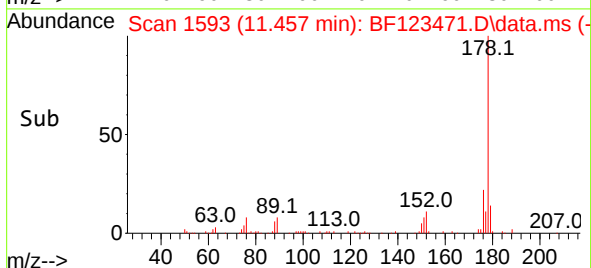
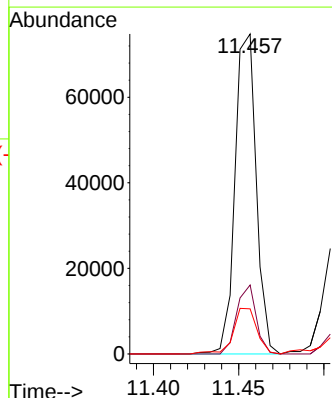
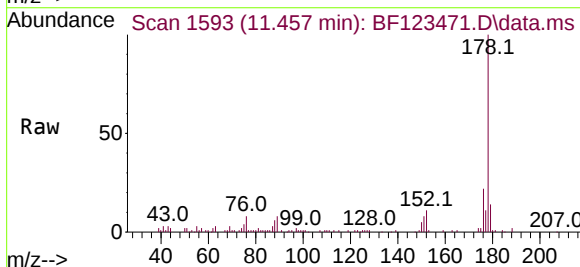
Instrument :
BNA_F
ClientSampleId :
NB-08-032321

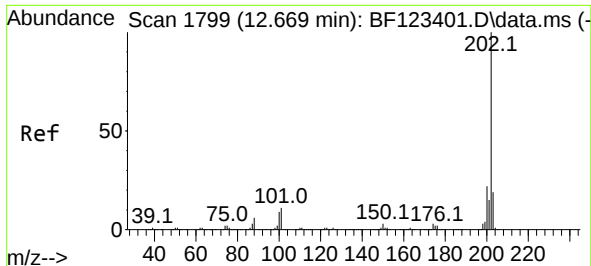
Tgt Ion:248 Resp: 18407
Ion Ratio Lower Upper
248 100
250 199.5 76.8 115.2#
141 580.5 59.8 89.8#



#71
Phenanthrene
Concen: 2.07 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:178 Resp: 64985
Ion Ratio Lower Upper
178 100
176 21.6 16.2 24.2
179 14.1 12.7 19.1

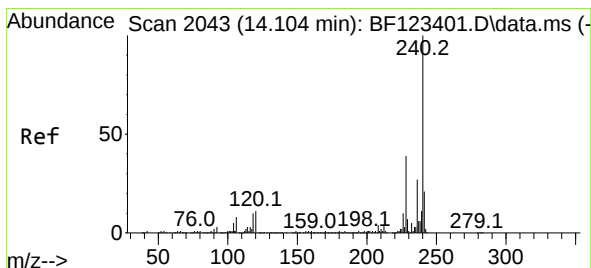
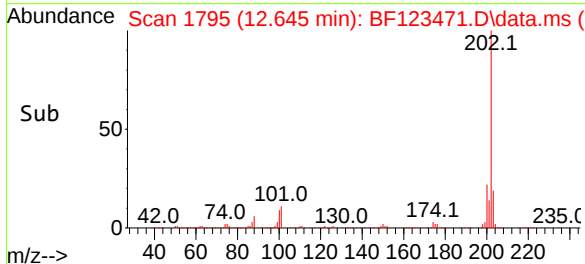
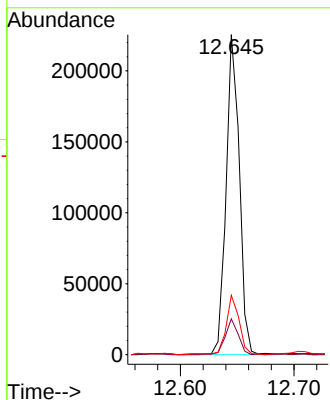
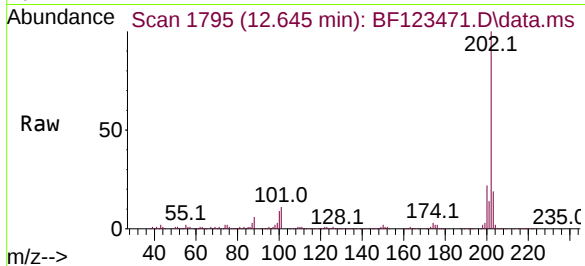




#75
Fluoranthene
Concen: 5.41 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

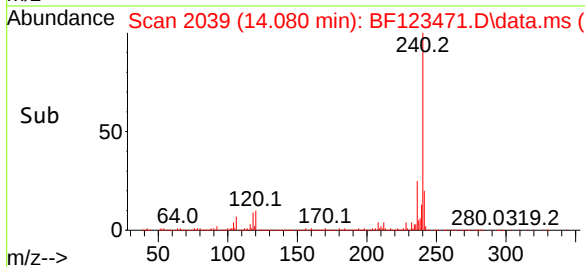
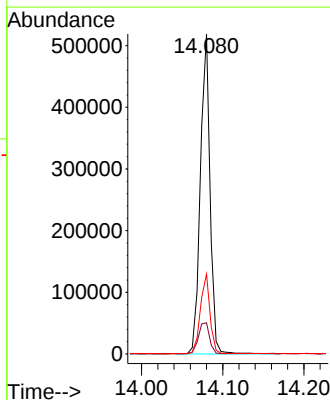
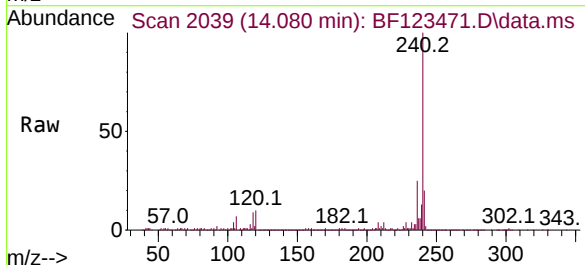
Instrument :
BNA_F
ClientSampleId :
NB-08-032321

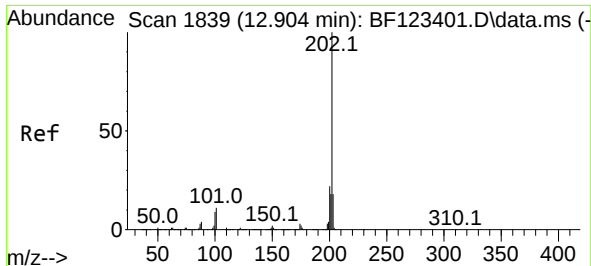
Tgt Ion:202 Resp: 183638
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.2
203 18.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:240 Resp: 430070
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.0 20.3 30.5

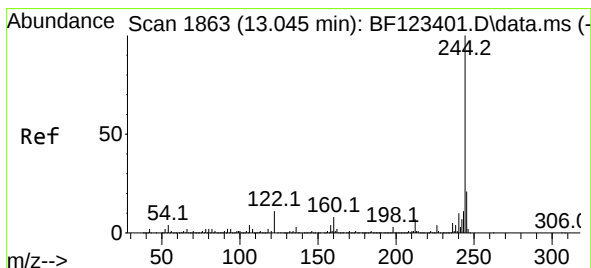
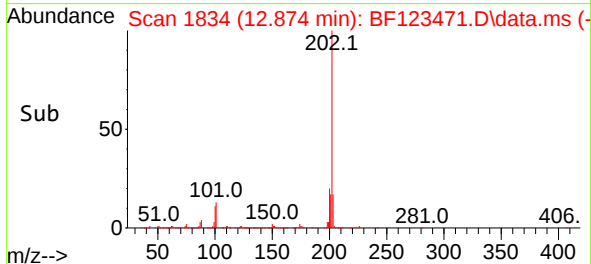
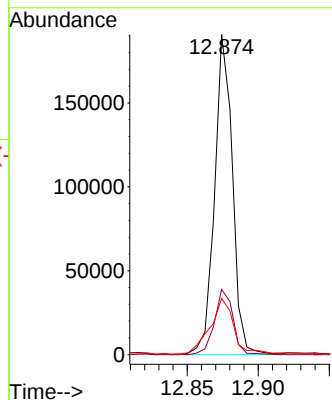
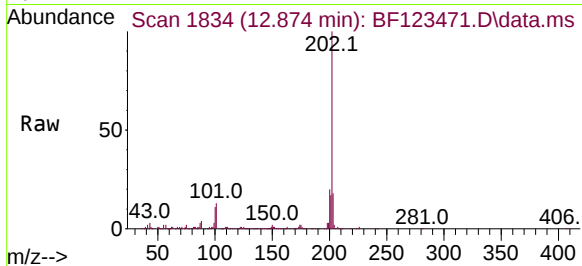




#78
Pyrene
Concen: 4.50 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

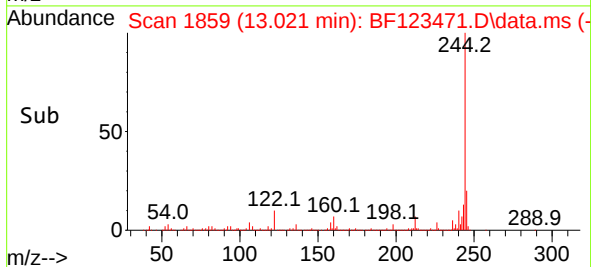
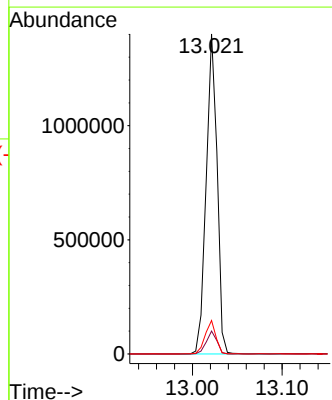
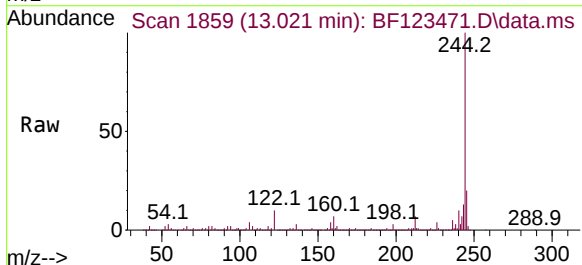
Instrument :
BNA_F
ClientSampleId :
NB-08-032321

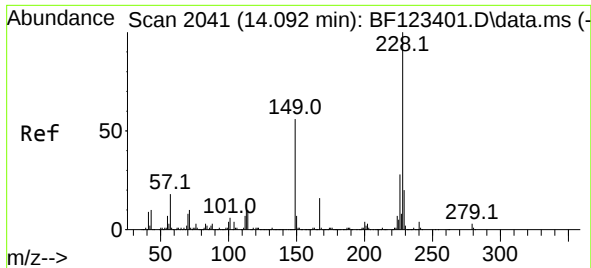
Tgt Ion:202 Resp: 166977
Ion Ratio Lower Upper
202 100
200 20.4 17.6 26.4
203 17.6 14.6 21.8



#79
Terphenyl-d14
Concen: 46.64 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:244 Resp: 1183430
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.5 8.3 12.5

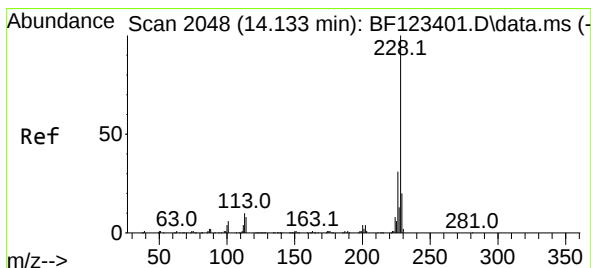
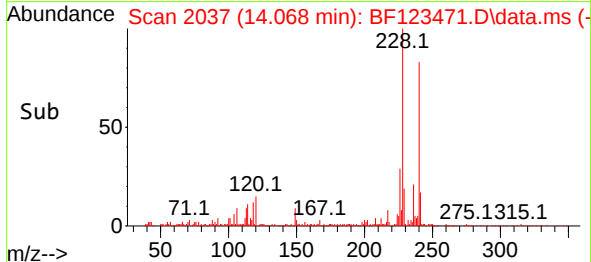
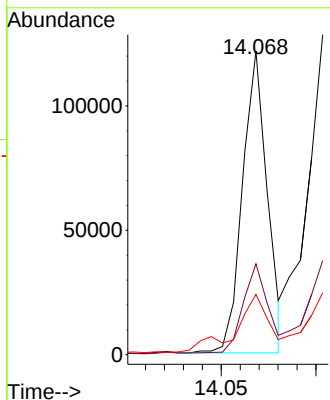
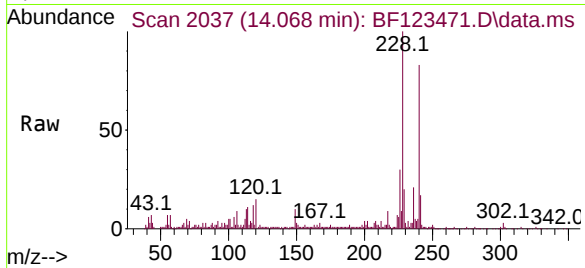




#81
Benzo(a)anthracene
Concen: 3.92 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

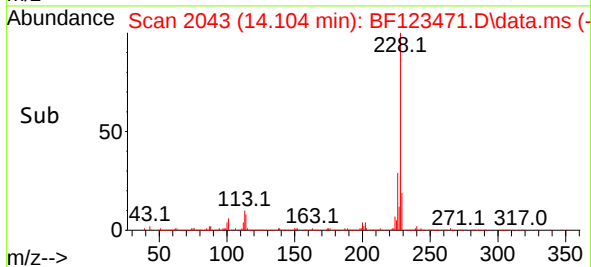
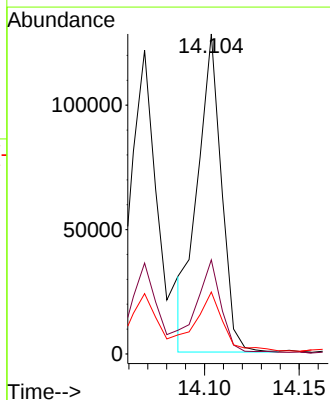
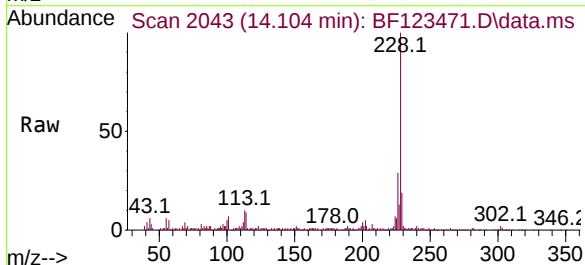
Instrument :
BNA_F
ClientSampleId :
NB-08-032321

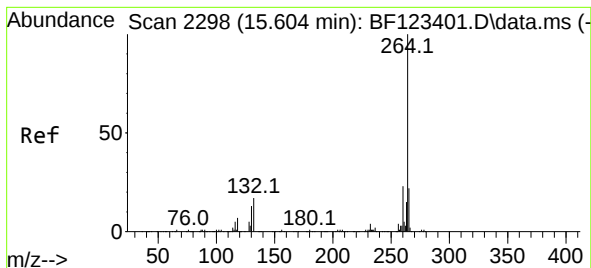
Tgt Ion:228 Resp: 110421
Ion Ratio Lower Upper
228 100
226 29.9 23.0 34.4
229 19.8 16.6 24.8



#83
Chrysene
Concen: 3.87 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:228 Resp: 112525
Ion Ratio Lower Upper
228 100
226 29.4 24.6 36.8
229 19.4 15.8 23.6

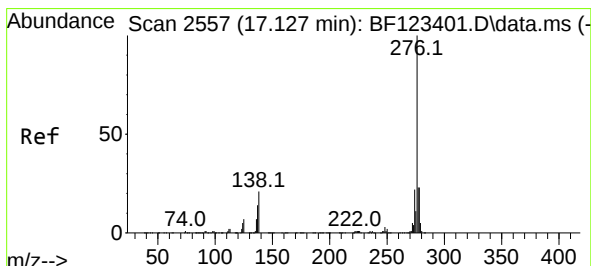
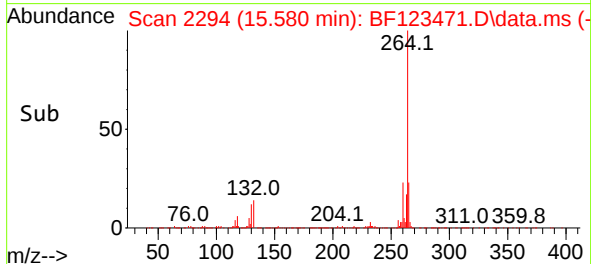
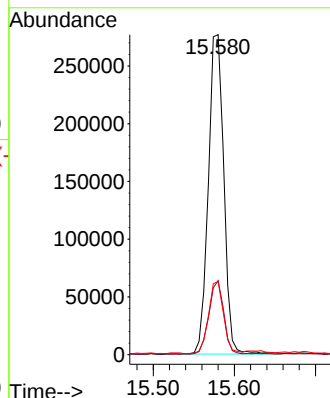
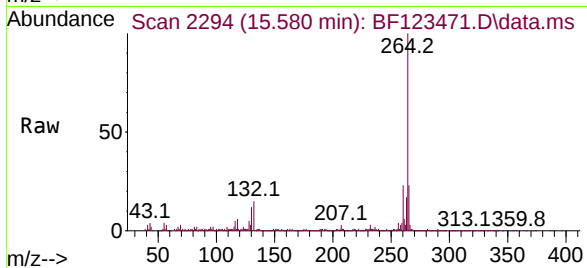




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

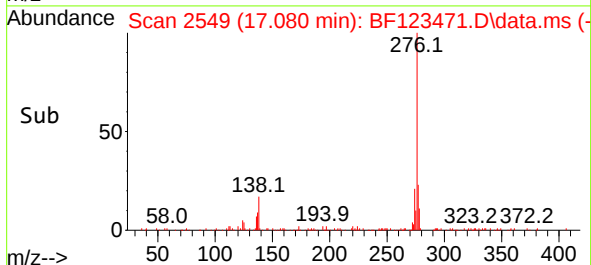
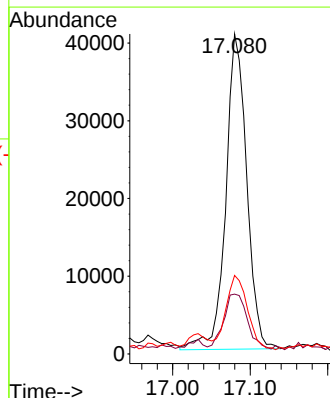
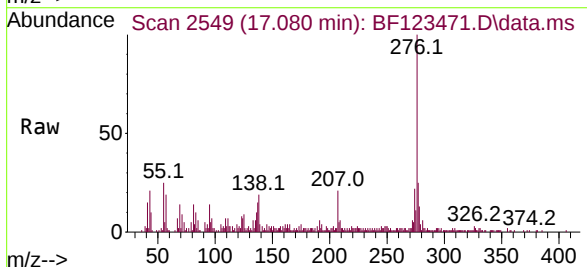
Instrument :
BNA_F
ClientSampleId :
NB-08-032321

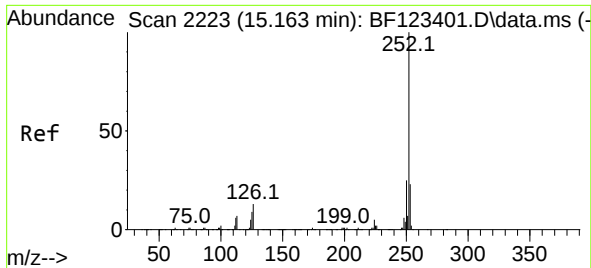
Tgt Ion:264 Resp: 365359
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.9 17.0 25.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.36 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:276 Resp: 76283
Ion Ratio Lower Upper
276 100
138 19.9 18.7 28.1
277 24.2 20.2 30.4

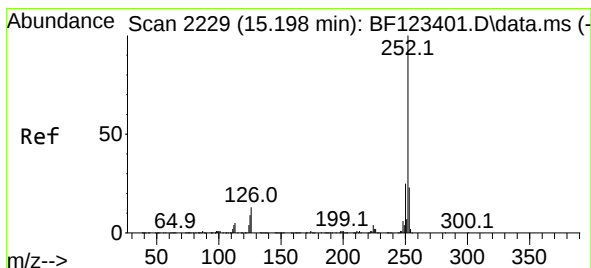
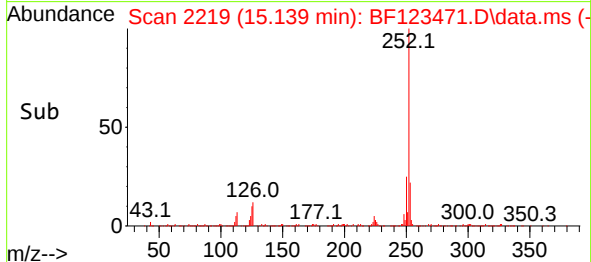
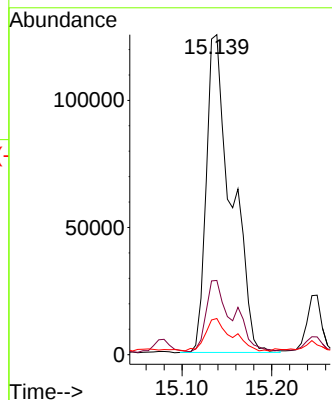
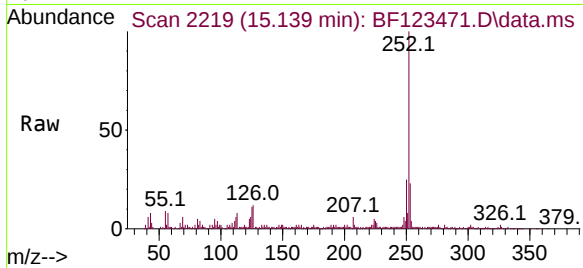




#88
Benzo(b)fluoranthene
Concen: 9.63 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

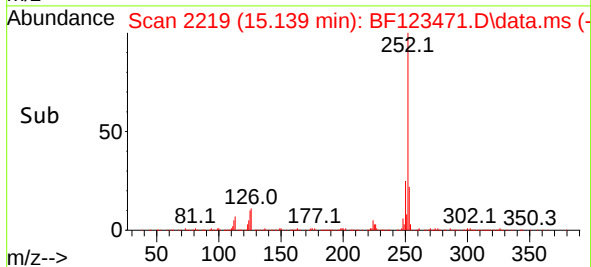
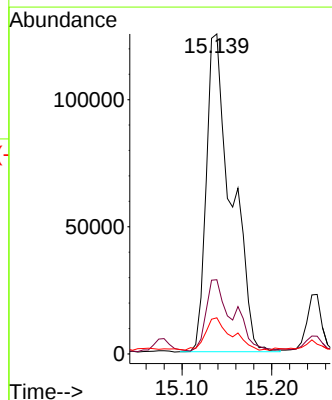
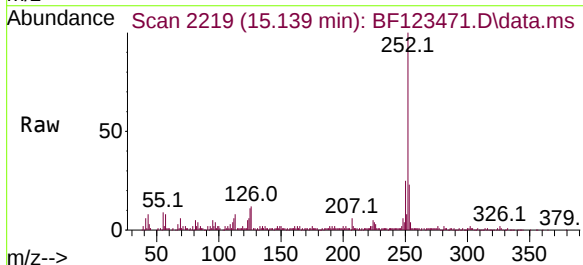
Instrument :
BNA_F
ClientSampleId :
NB-08-032321

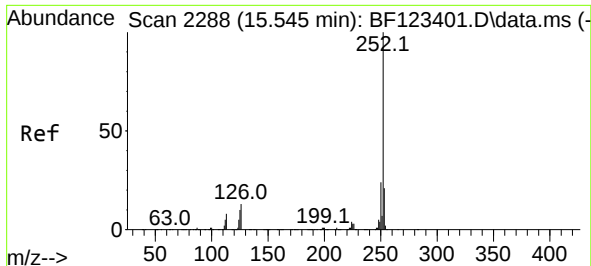
Tgt Ion:252 Resp: 242741
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 11.3 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 10.19 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.030 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:252 Resp: 242741
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.3 8.4 12.6

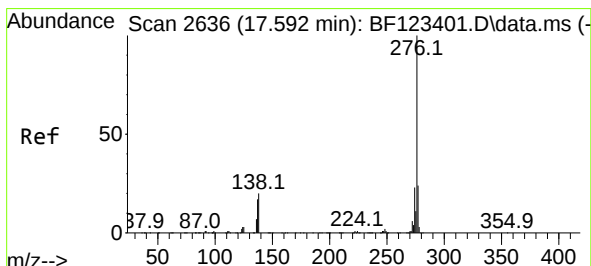
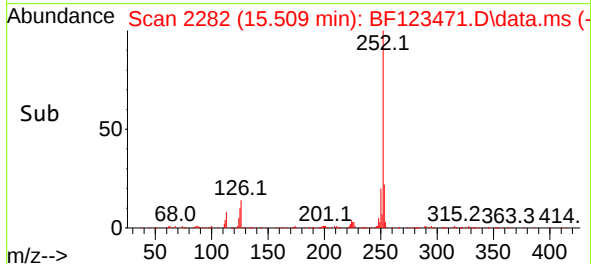
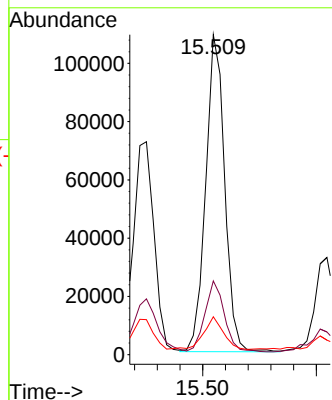
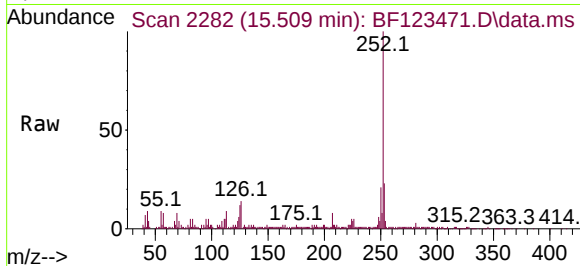




#90
Benzo(a)pyrene
Concen: 5.80 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Instrument :
BNA_F
ClientSampleId :
NB-08-032321

Tgt Ion:252 Resp: 126160
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.8 8.6 12.8



#92
Benzo(g,h,i)perylene
Concen: 4.16 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.006 min
Lab File: BF123471.D
Acq: 25 Mar 2021 20:23

Tgt Ion:276 Resp: 80350
Ion Ratio Lower Upper
276 100
277 26.9 19.3 28.9
138 22.2 16.6 24.8

