

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122751.D
 Acq On : 16 Dec 2020 15:43
 Operator : JU/CG
 Sample : L5088-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR3-A-D-COMP

Quant Time: Dec 17 01:12:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

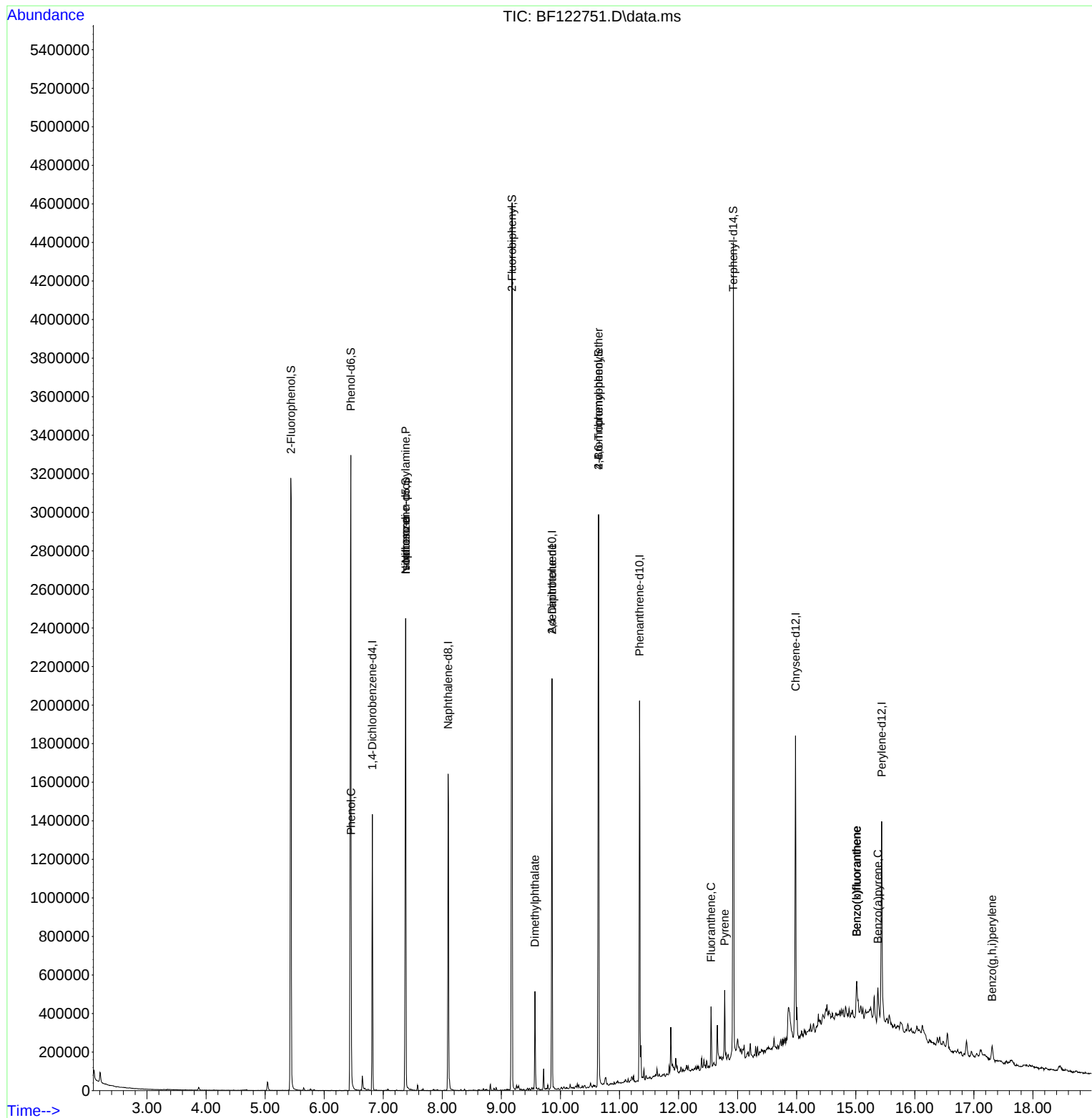
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	196063	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	767206	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	408898	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	715255	20.00	ng	0.00
76) Chrysene-d12	13.980	240	504843	20.00	ng	0.00
86) Perylene-d12	15.439	264	474725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1034373	83.52	ng	0.00
7) Phenol-d6	6.451	99	1290049	78.54	ng	0.00
23) Nitrobenzene-d5	7.381	82	829171	54.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	393596	73.54	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1441483	47.68	ng	0.00
79) Terphenyl-d14	12.927	244	1400407	48.56	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.457	94	51599	3.03	ng	85
19) n-Nitroso-di-n-propyla...	7.381	70	108822	11.57	ng	# 77
25) Isophorone	7.381	82	829161	31.44	ng	# 65
50) Dimethylphthalate	9.569	163	183143	5.61	ng	99
57) 2,4-Dinitrotoluene	9.857	165	52043	5.66	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	24360	2.51	ng	# 1
75) Fluoranthene	12.551	202	119857	2.69	ng	99
78) Pyrene	12.780	202	139708	3.58	ng	98
88) Benzo(b)fluoranthene	15.015	252	119053	3.57	ng	# 97
89) Benzo(k)fluoranthene	15.015	252	119053	3.91	ng	# 97
90) Benzo(a)pyrene	15.374	252	70204	2.41	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	59333	2.40	ng	96

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

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Quant Time: Dec 17 01:12:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

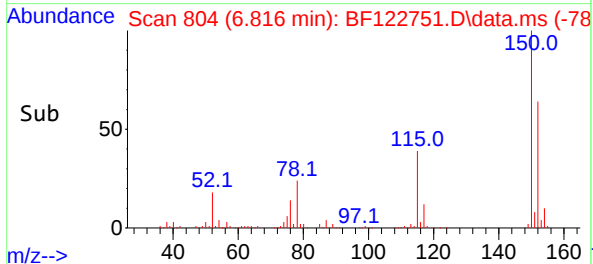
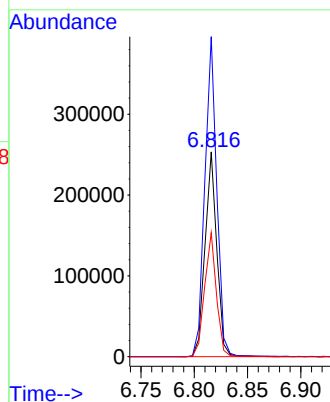
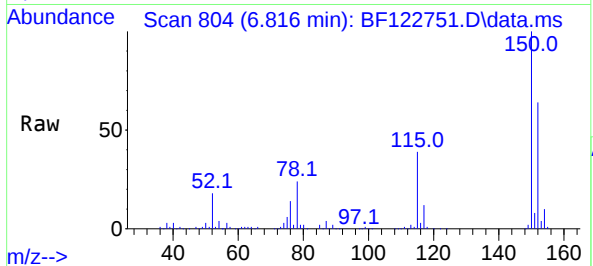




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

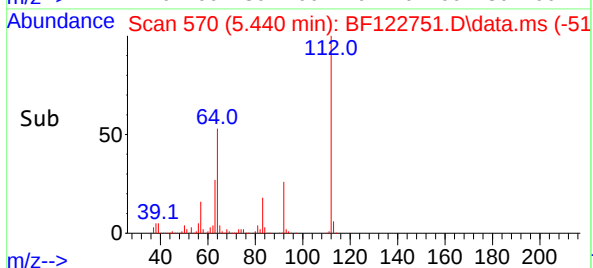
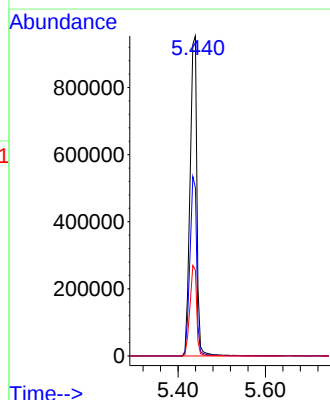
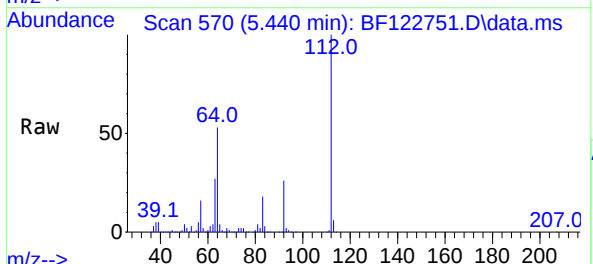
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

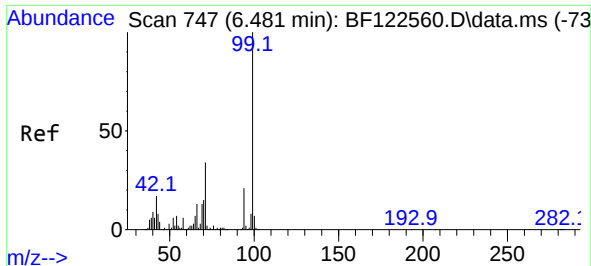
Tgt Ion:152 Resp: 196063
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 60.5 49.3 73.9



#5
2-Fluorophenol
Concen: 83.52 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:112 Resp: 1034373
Ion Ratio Lower Upper
112 100
64 52.6 46.9 70.3
63 26.8 24.5 36.7

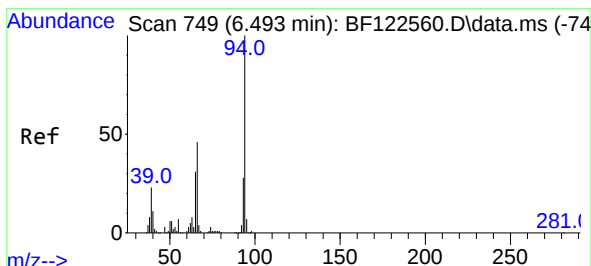
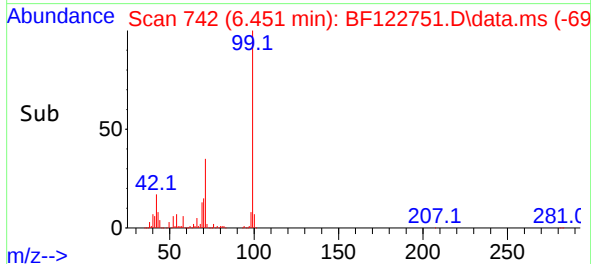
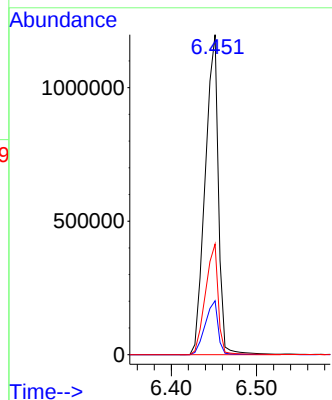
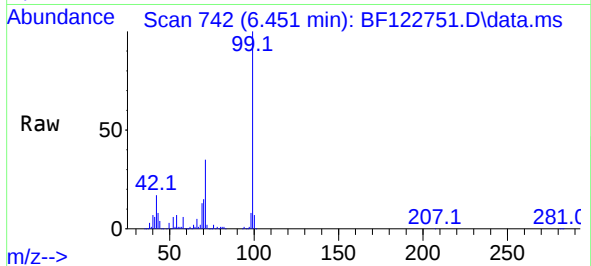




#7
Phenol-d6
Concen: 78.54 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

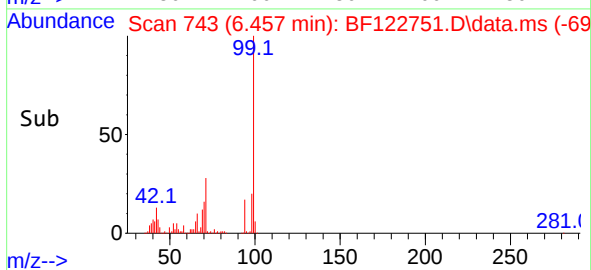
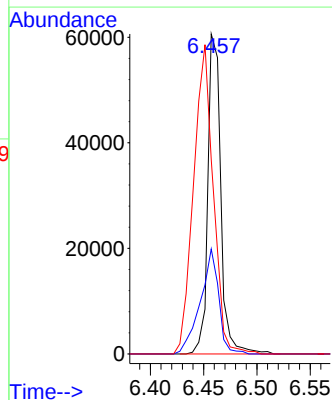
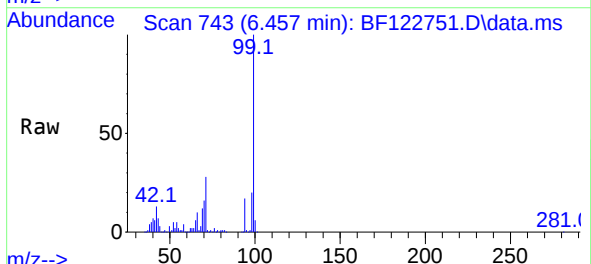
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

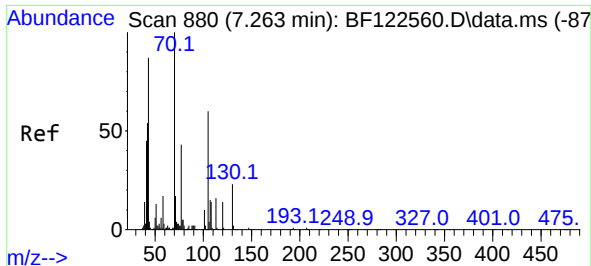
Tgt Ion: 99 Resp: 1290049
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 34.5 26.9 40.3



#10
Phenol
Concen: 3.03 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion: 94 Resp: 51599
Ion Ratio Lower Upper
94 100
65 32.8 11.2 51.2
66 60.7 25.8 65.8

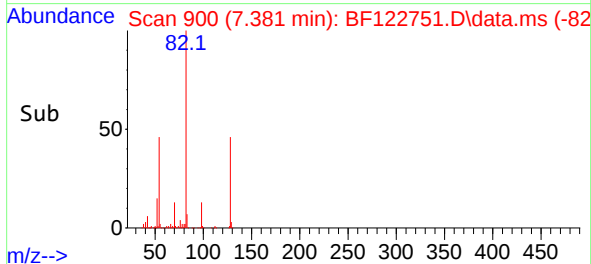
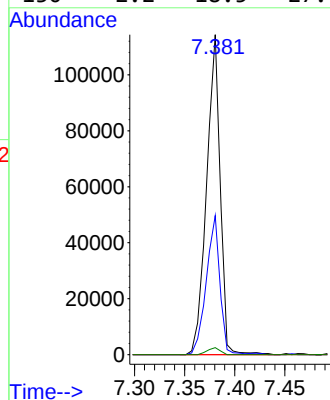
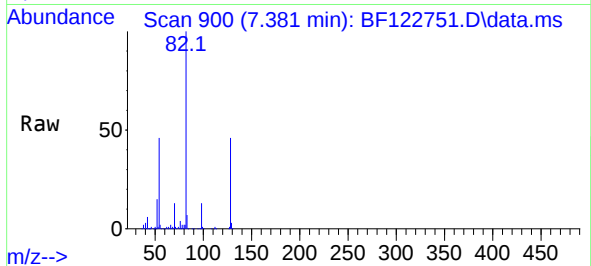




#19
n-Nitroso-di-n-propylamine
Concen: 11.57 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

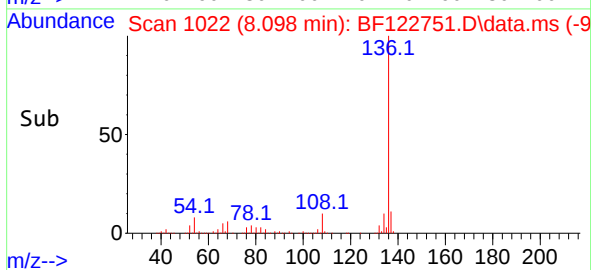
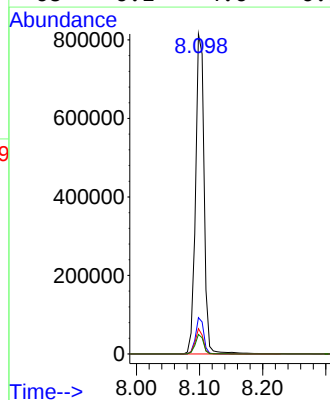
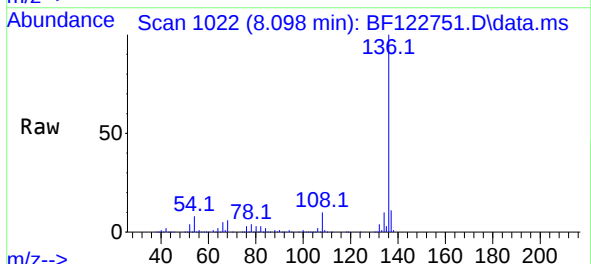
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

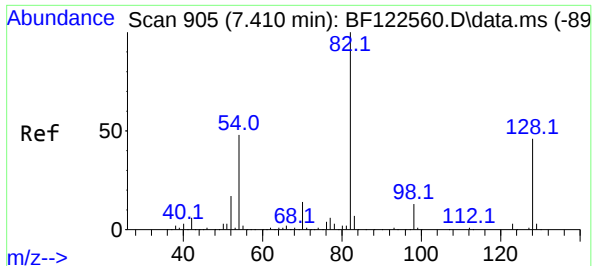
Tgt Ion: 70 Resp: 108822
Ion Ratio Lower Upper
70 100
42 43.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion: 136 Resp: 767206
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 5.5 8.3
68 6.1 4.6 6.8

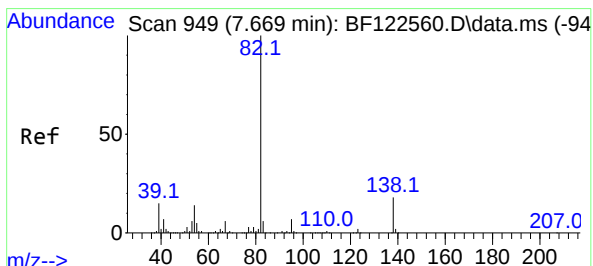
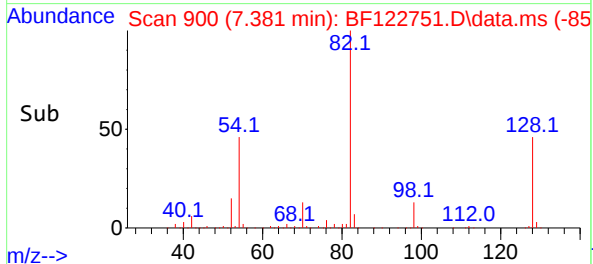
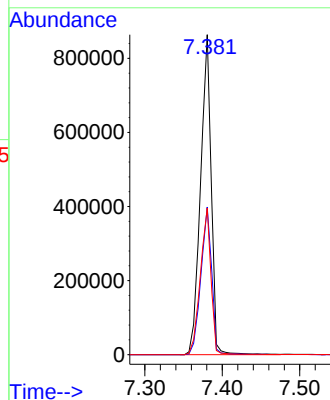
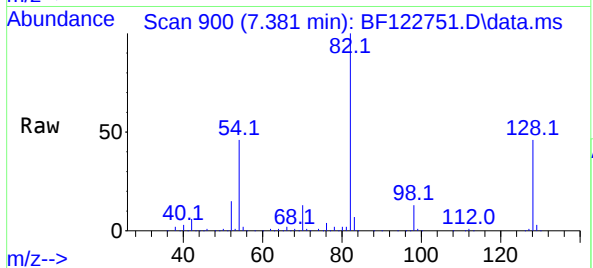




#23
Nitrobenzene-d5
Concen: 54.15 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

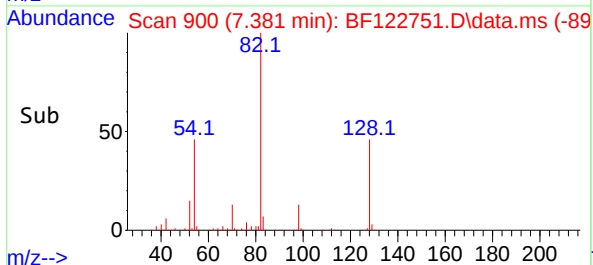
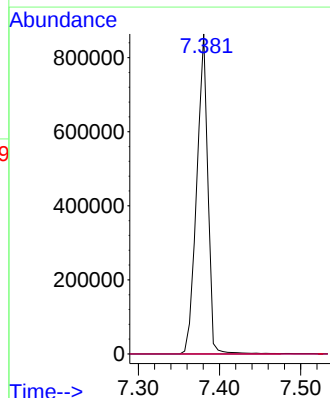
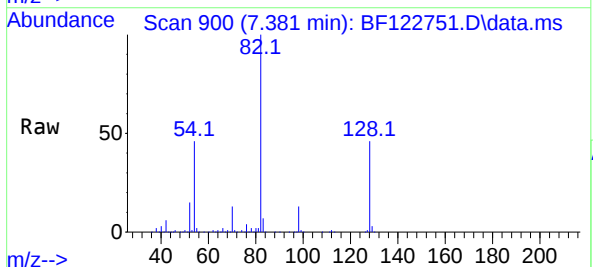
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ClientSampleId :
TR3-A-D-COMP

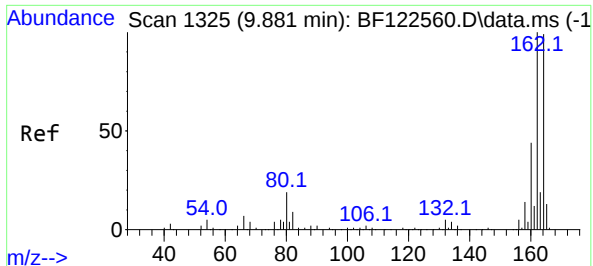
Tgt Ion: 82 Resp: 829171
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 45.9 38.4 57.6



#25
Isophorone
Concen: 31.44 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion: 82 Resp: 829161
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: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF122751.D

Acq: 16 Dec 2020 15:43

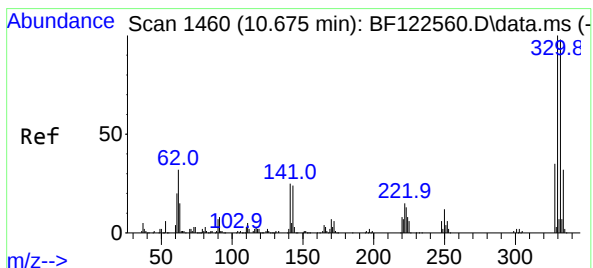
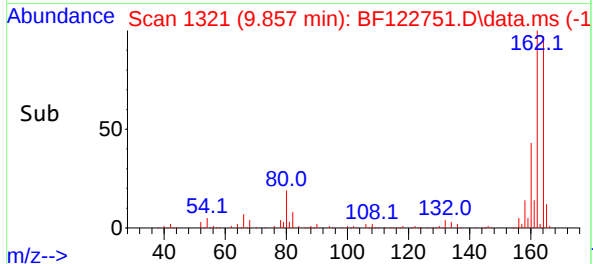
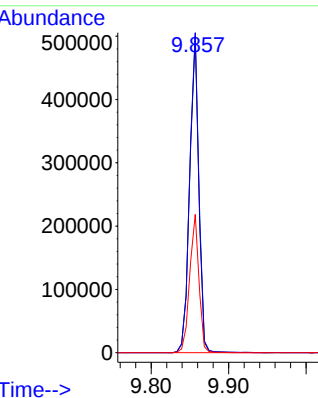
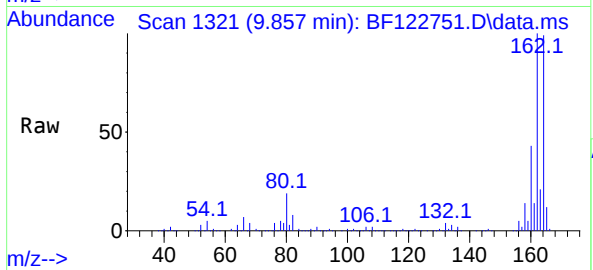
Tgt Ion:164 Resp: 408898

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

160 43.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 73.54 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF122751.D

Acq: 16 Dec 2020 15:43

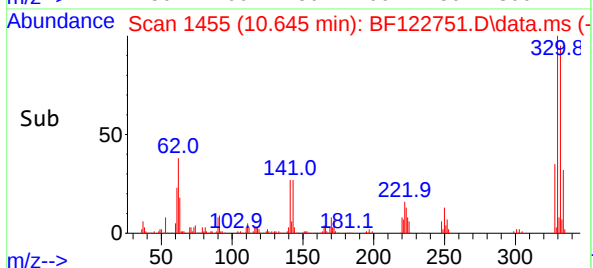
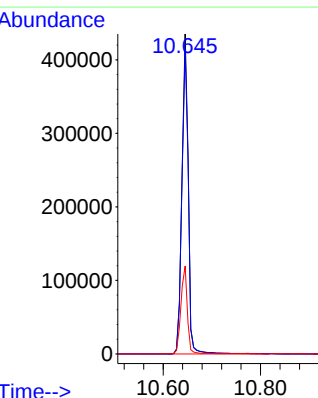
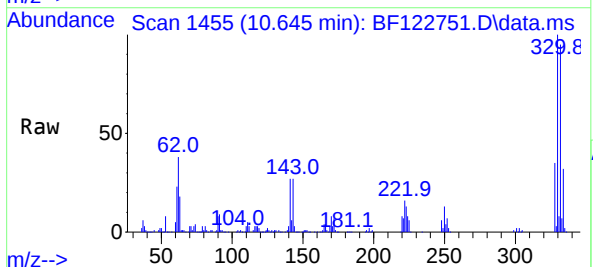
Tgt Ion:330 Resp: 393596

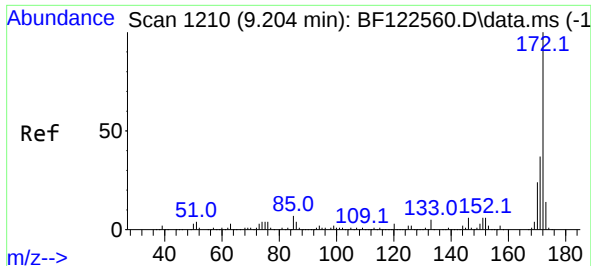
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 28.1 23.8 35.8

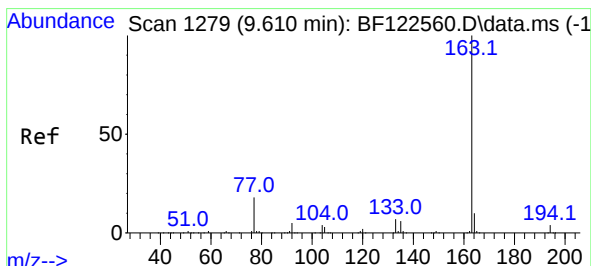
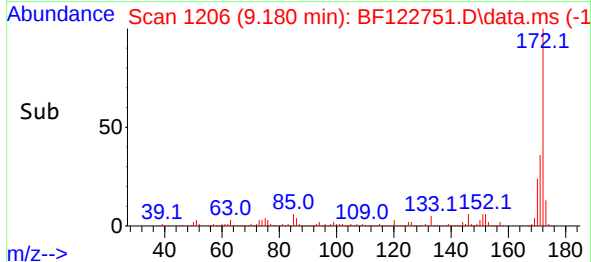
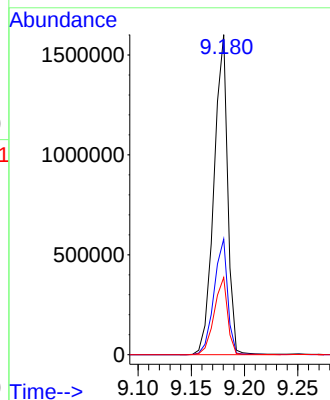
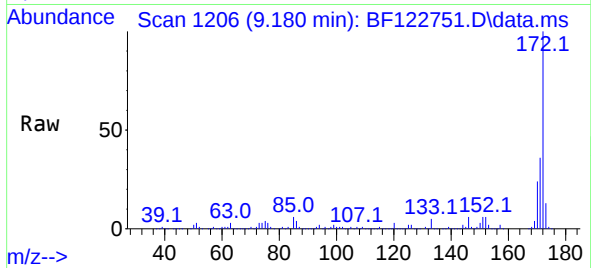




#45
2-Fluorobiphenyl
Concen: 47.68 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

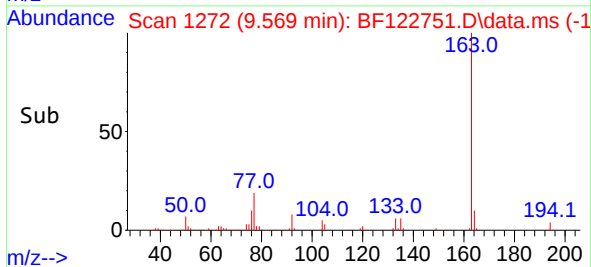
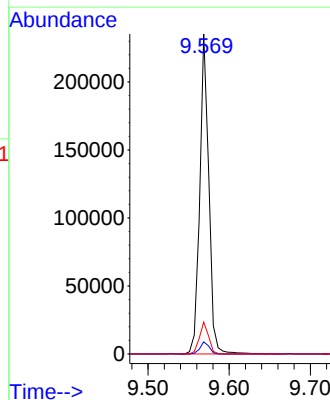
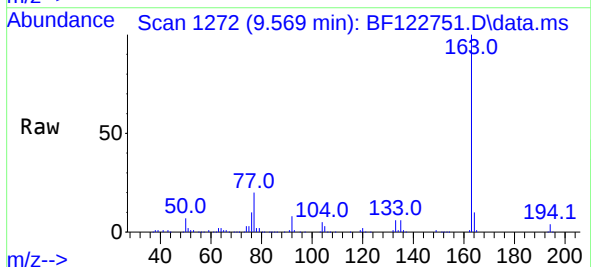
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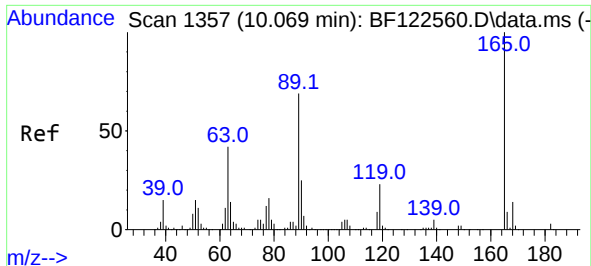
Tgt Ion:172 Resp: 1441483
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 5.61 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:163 Resp: 183143
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 8.1 12.1

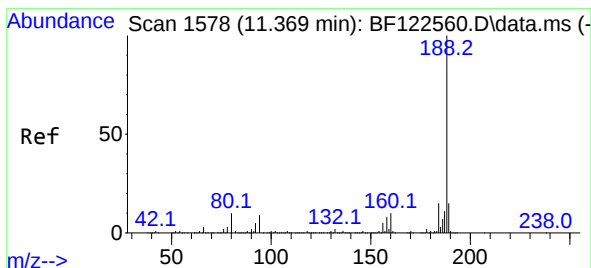
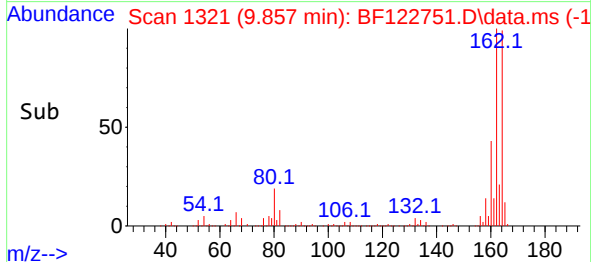
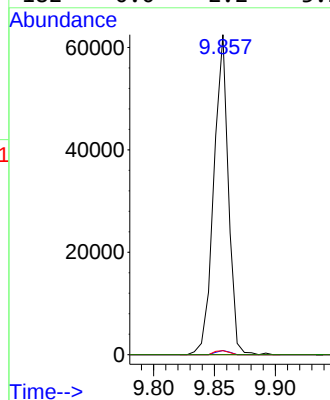
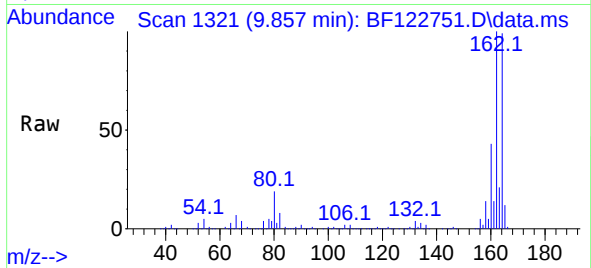




#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

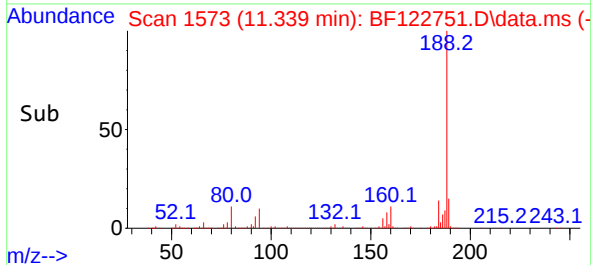
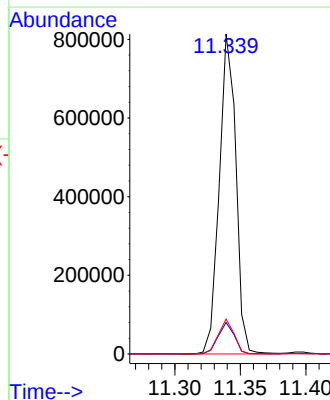
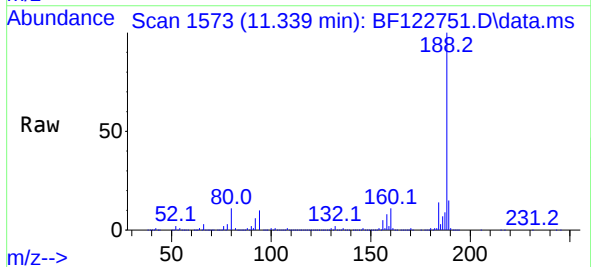
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

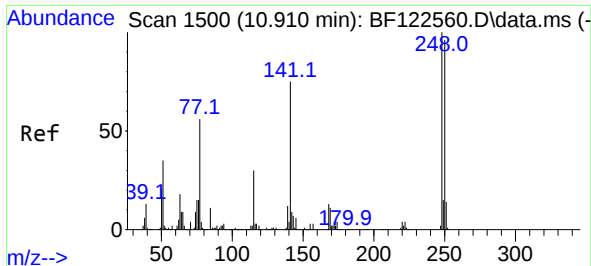
Tgt Ion:165	Resp:	52043
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.3 51.5#
89	1.3	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:188	Resp:	715255
Ion Ratio	Lower	Upper
188	100	
94	9.9	7.4 11.2
80	10.9	8.2 12.4

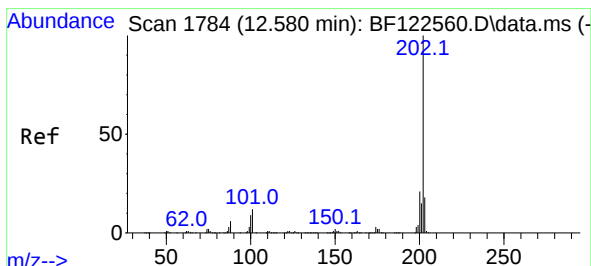
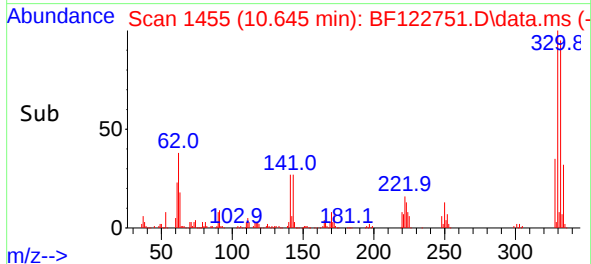
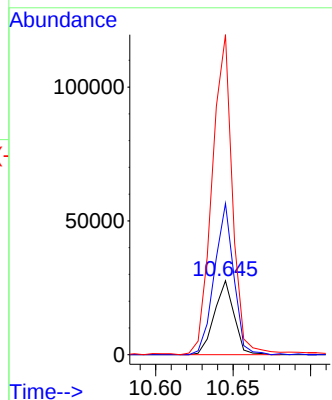
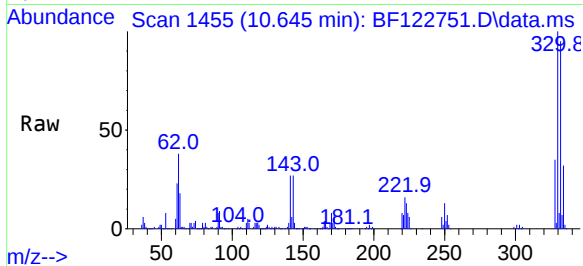




#67
4-Bromophenyl-phenylether
Concen: 2.51 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

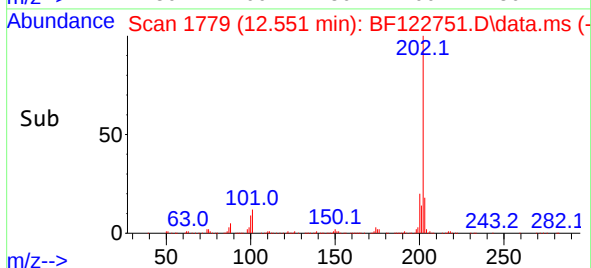
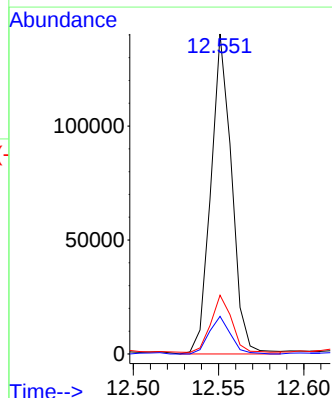
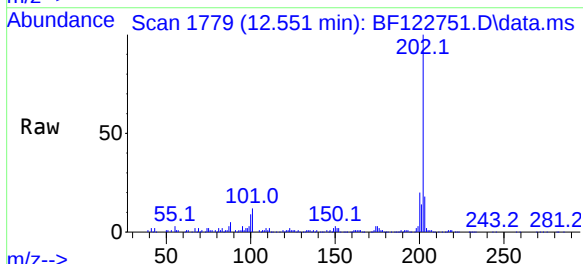
Instrument :
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ClientSampleId :
TR3-A-D-COMP

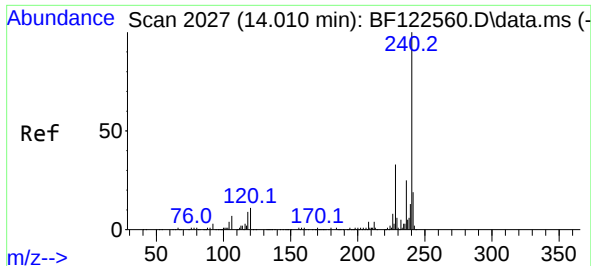
Tgt Ion:248 Resp: 24360
Ion Ratio Lower Upper
248 100
250 204.6 76.8 115.2#
141 433.1 59.8 89.8#



#75
Fluoranthene
Concen: 2.69 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:202 Resp: 119857
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 18.3 0.0 38.1

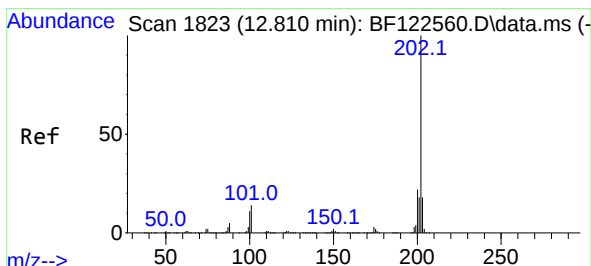
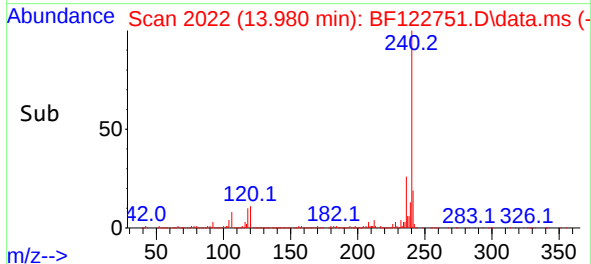
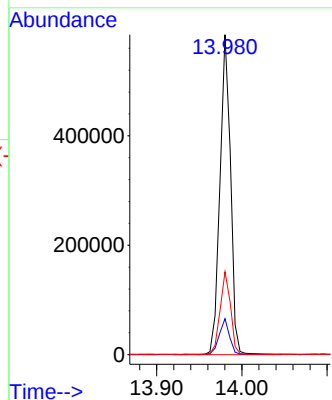
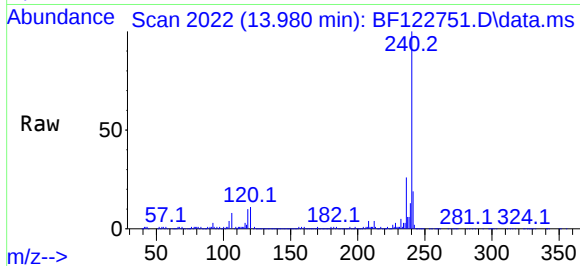




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

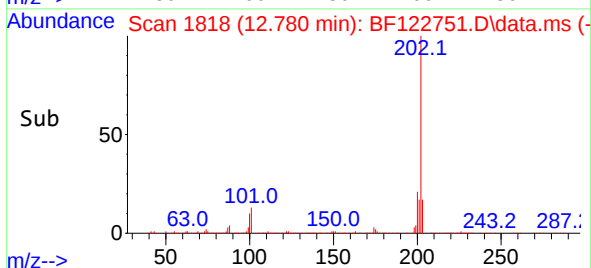
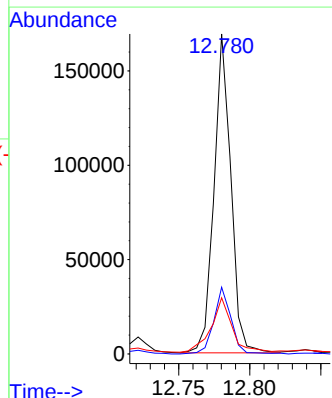
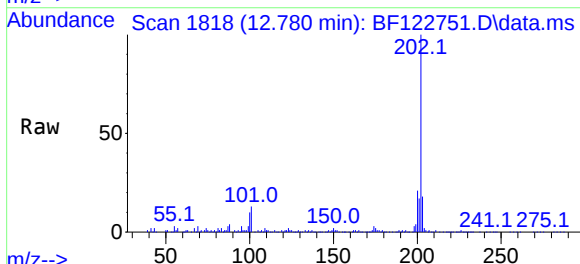
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

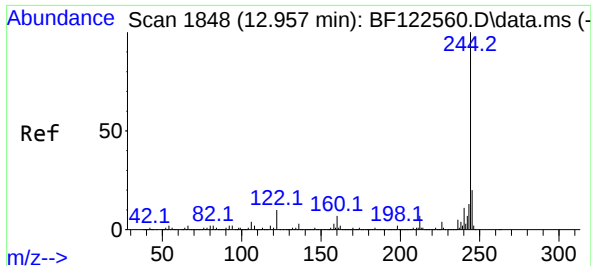
Tgt Ion:240 Resp: 504843
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.9 20.3 30.5



#78
Pyrene
Concen: 3.58 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:202 Resp: 139708
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.5 14.6 21.8

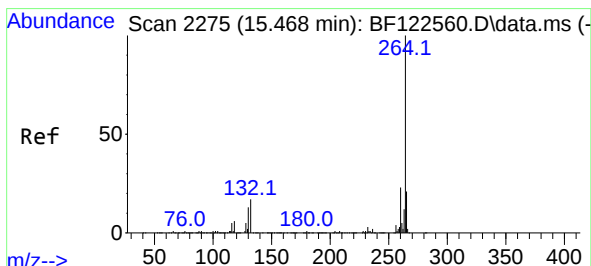
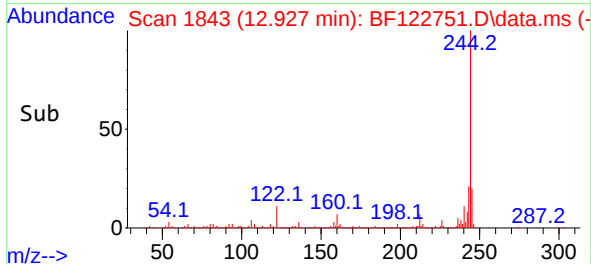
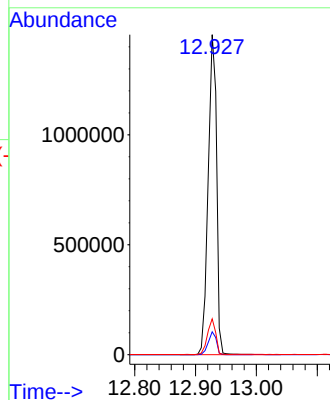
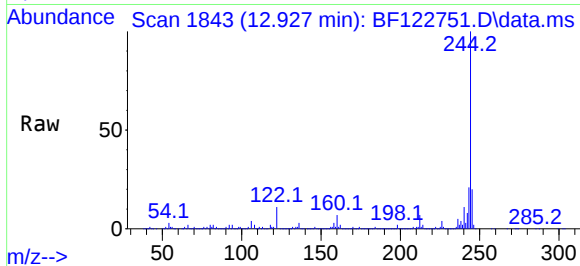




#79
Terphenyl-d14
Concen: 48.56 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

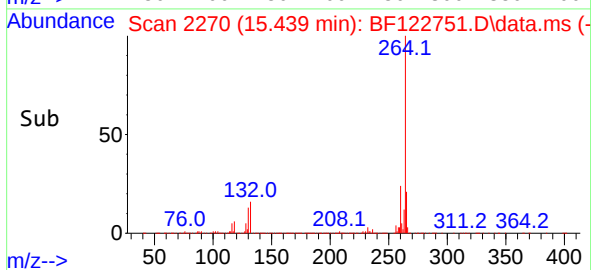
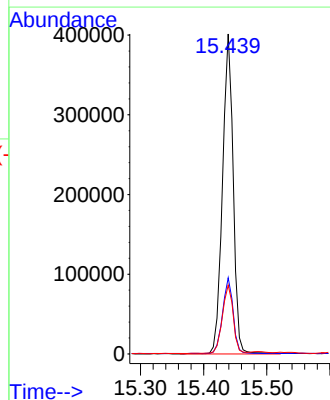
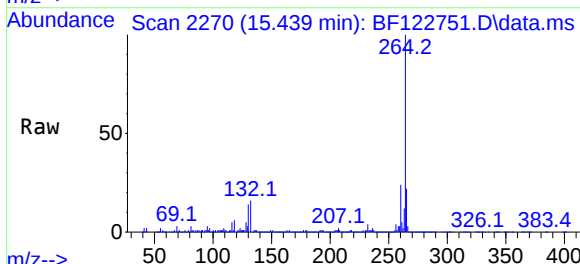
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

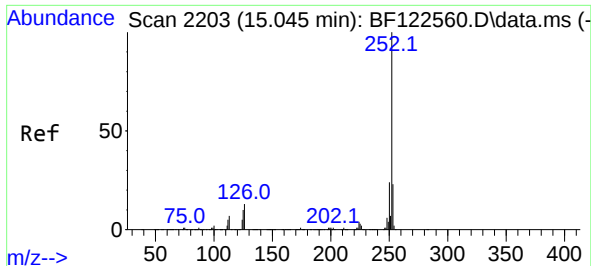
Tgt Ion:244 Resp: 1400407
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.2 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:264 Resp: 474725
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.5 17.0 25.6

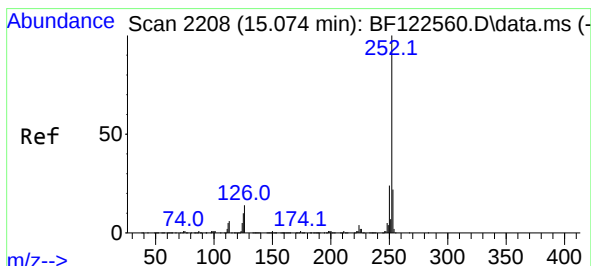
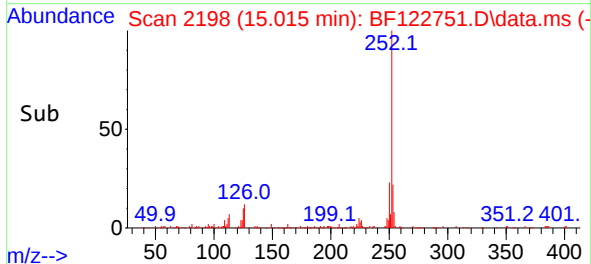
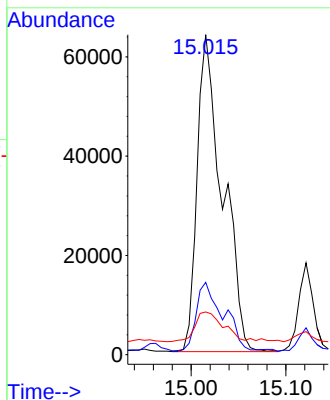
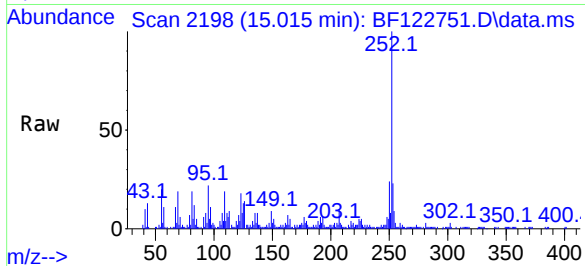




#88
Benzo(b)fluoranthene
Concen: 3.57 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

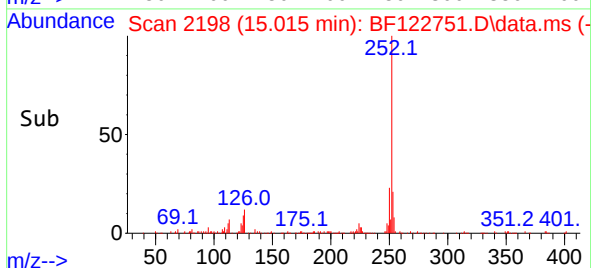
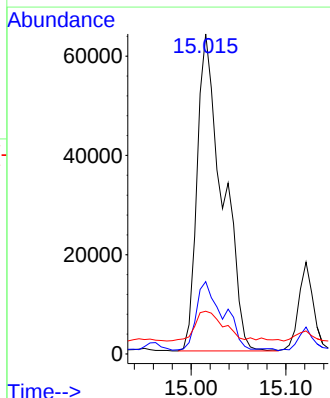
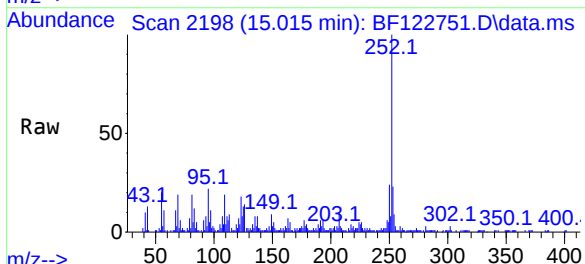
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

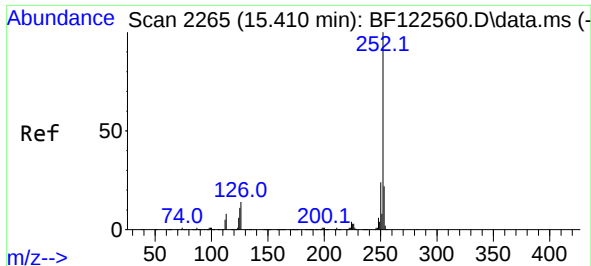
Tgt Ion:252 Resp: 119053
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 13.4 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 3.91 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:252 Resp: 119053
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 13.4 8.4 12.6#

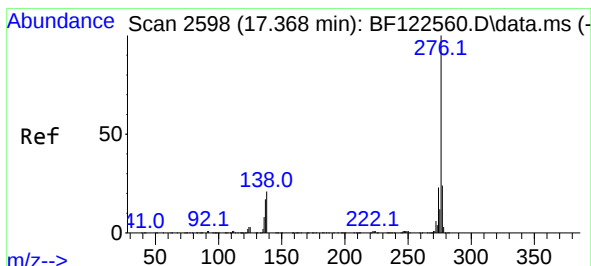
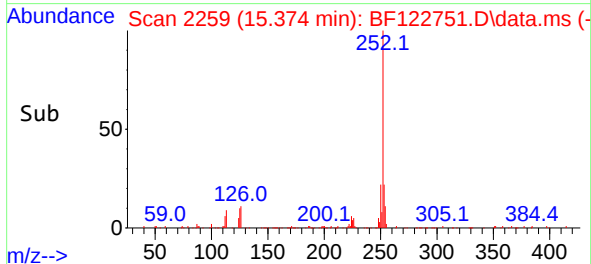
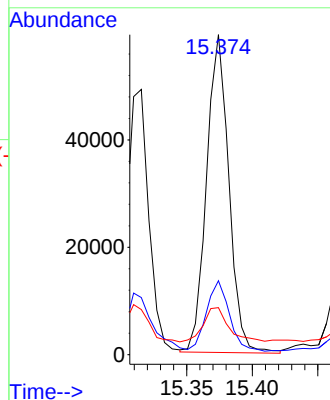
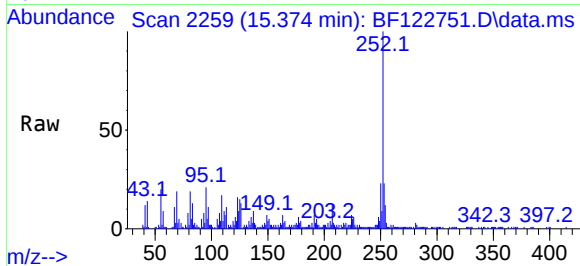




#90
Benzo(a)pyrene
Concen: 2.41 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

Tgt Ion:	252	Resp:	70204
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	14.7	8.6	12.8#



#92
Benzo(g,h,i)perylene
Concen: 2.40 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:	276	Resp:	59333
Ion Ratio	Lower	Upper	
276	100		
277	26.2	19.3	28.9
138	22.6	16.6	24.8

