

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122631.D
 Acq On : 10 Dec 2020 2:06
 Operator : JU/CG
 Sample : L4983-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR2-A-D-COMP

Quant Time: Dec 10 03:09:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

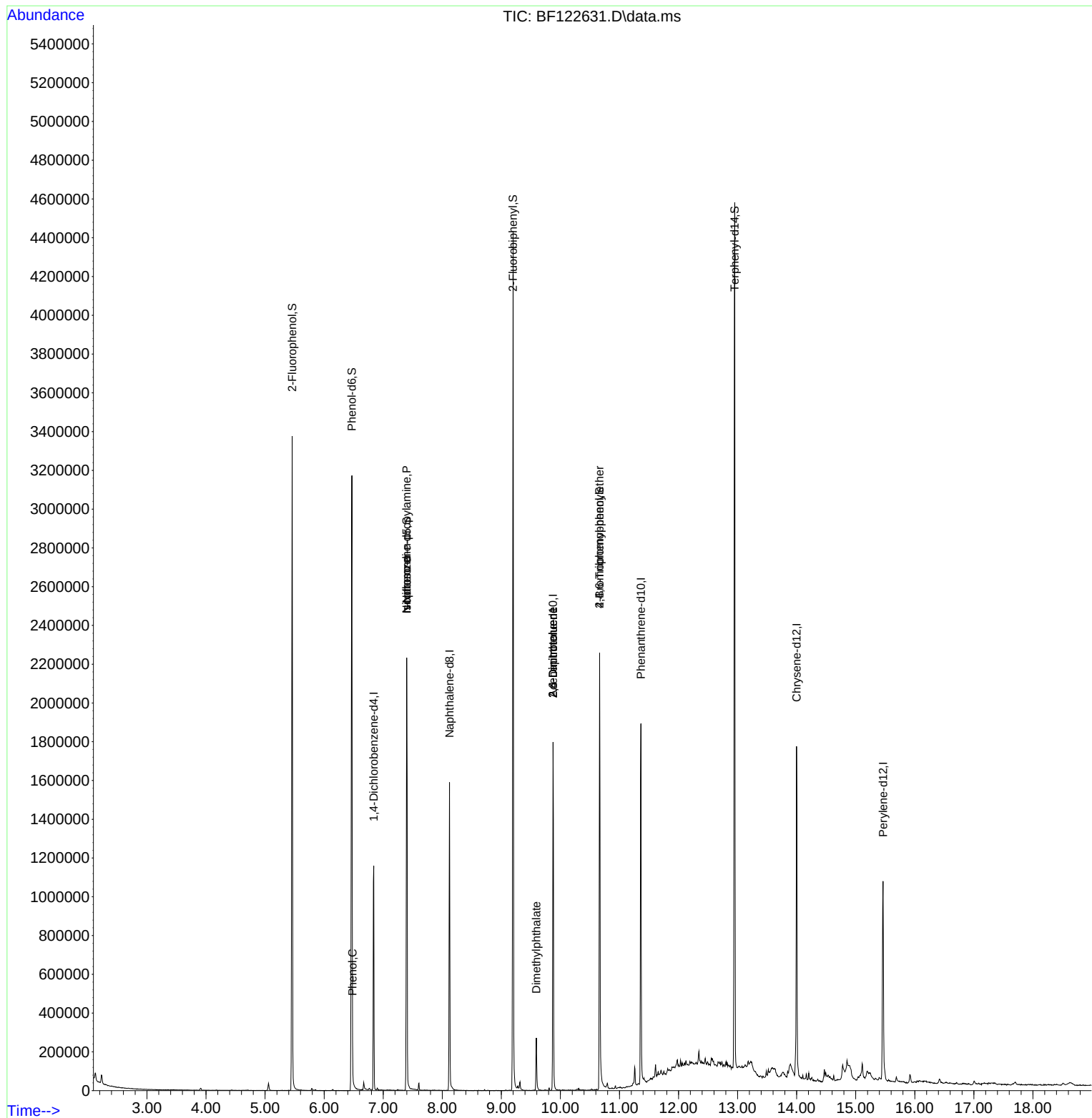
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	179563	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	706988	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	379179	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	709139	20.00	ng	0.00
76) Chrysene-d12	13.998	240	590330	20.00	ng	-0.01
86) Perylene-d12	15.463	264	503749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	958900	84.54	ng	0.00
7) Phenol-d6	6.469	99	1197812	79.63	ng	-0.01
23) Nitrobenzene-d5	7.398	82	755012	53.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	316802	63.83	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1388552	49.53	ng	0.00
79) Terphenyl-d14	12.951	244	1526256	45.26	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	51434	3.30	ng	85
19) n-Nitroso-di-n-propyla...	7.398	70	99633	11.56	ng	# 76
25) Isophorone	7.398	82	747398	30.75	ng	# 65
50) Dimethylphthalate	9.592	163	133262	4.40	ng	99
51) 2,6-Dinitrotoluene	9.875	165	47859	7.48	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	47860	5.62	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	19468	2.03	ng	# 1

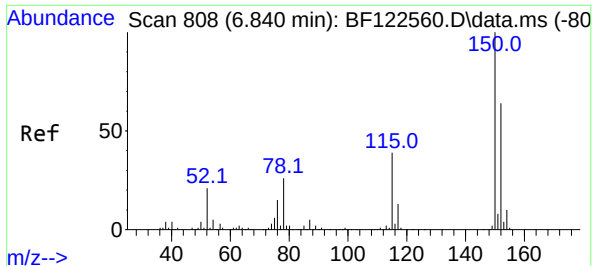
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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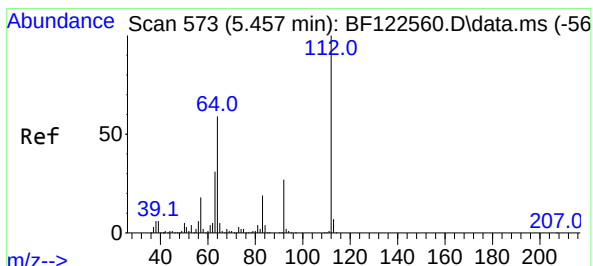
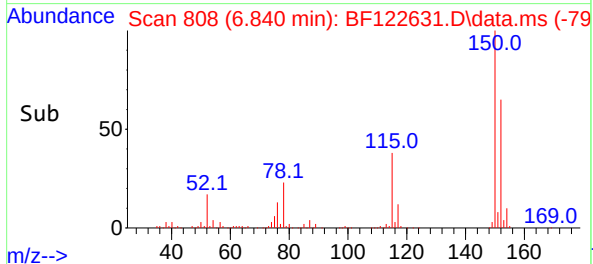
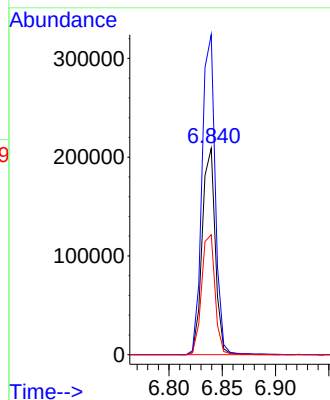
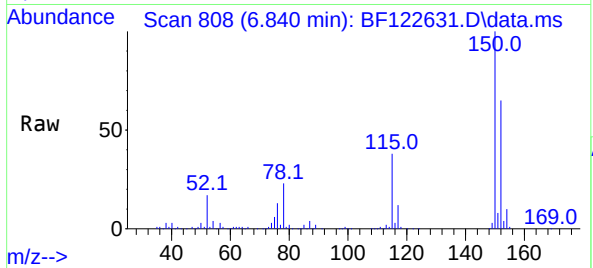




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

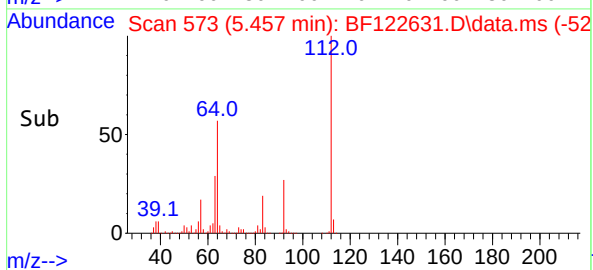
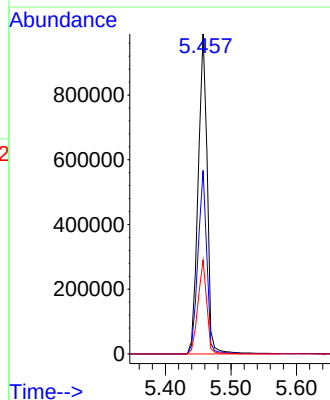
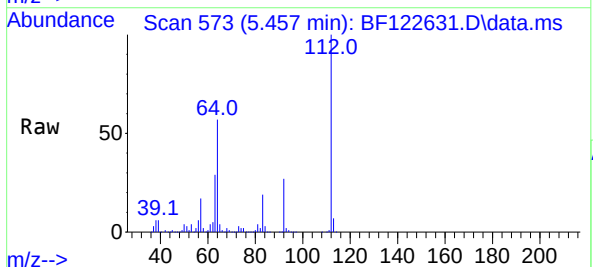
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

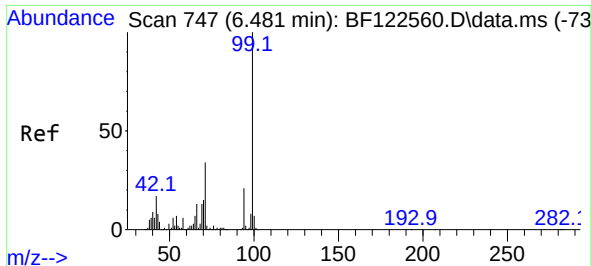
Tgt Ion:152 Resp: 179563
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 58.2 49.3 73.9



#5
2-Fluorophenol
Concen: 84.54 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Tgt Ion:112 Resp: 958900
Ion Ratio Lower Upper
112 100
64 57.3 46.9 70.3
63 29.4 24.5 36.7



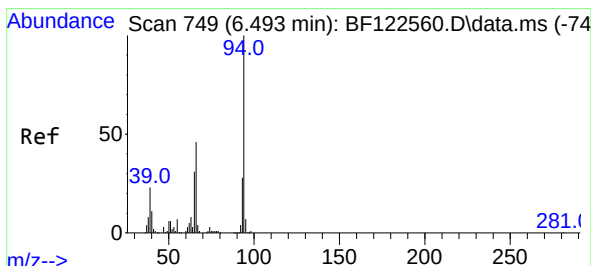
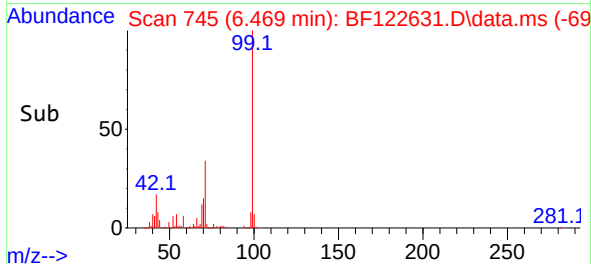
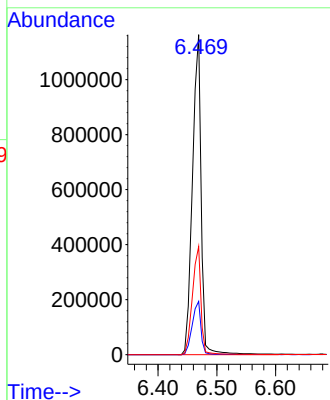
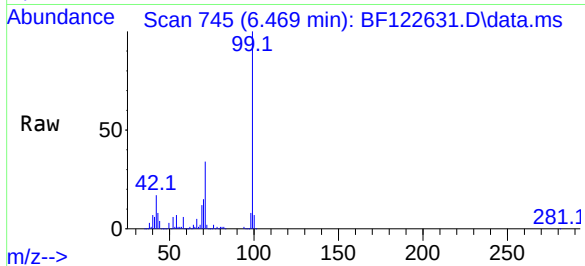


#7
Phenol-d6
Concen: 79.63 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

Tgt Ion: 99 Resp: 1197812

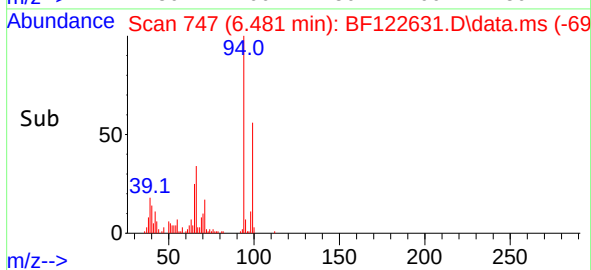
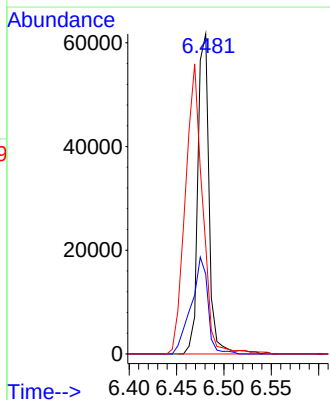
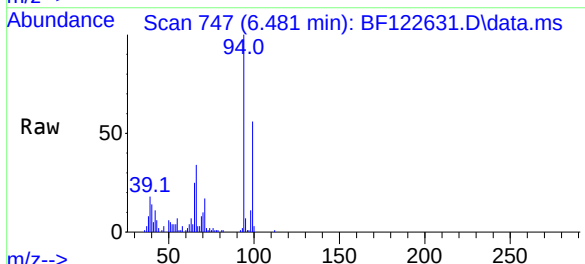
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.8	26.9	40.3

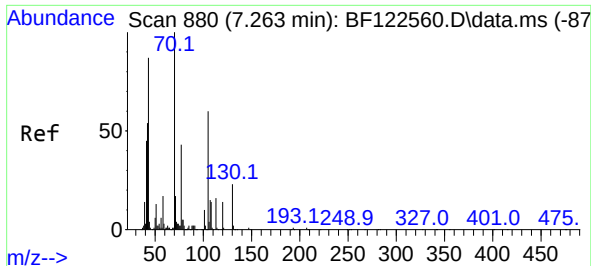


#10
Phenol
Concen: 3.30 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Tgt Ion: 94 Resp: 51434

Ion	Ratio	Lower	Upper
94	100		
65	25.0	11.2	51.2
66	34.0	25.8	65.8

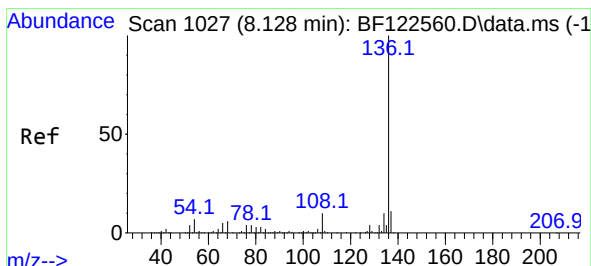
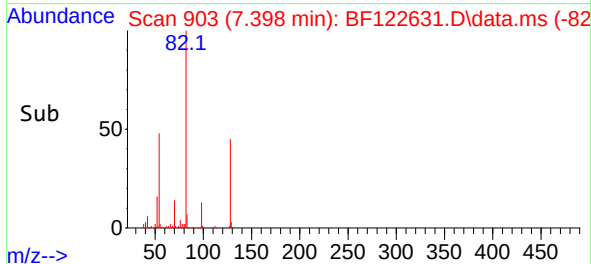
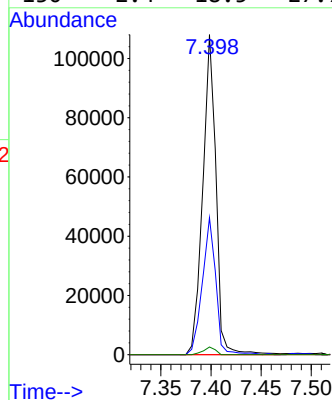
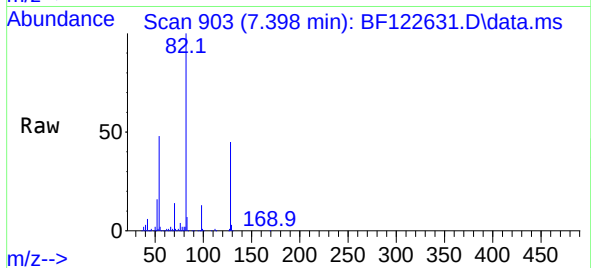




#19
n-Nitroso-di-n-propylamine
Concen: 11.56 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

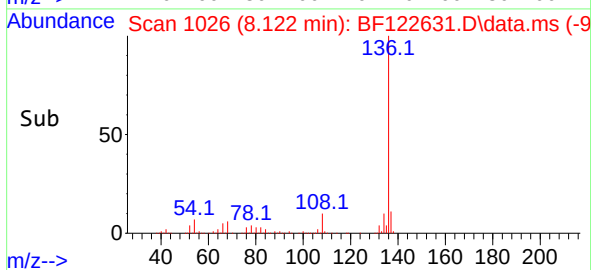
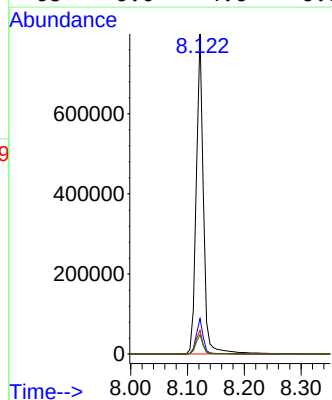
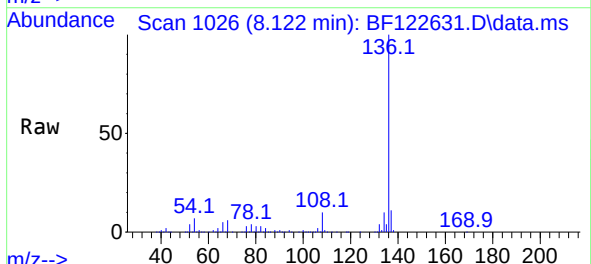
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

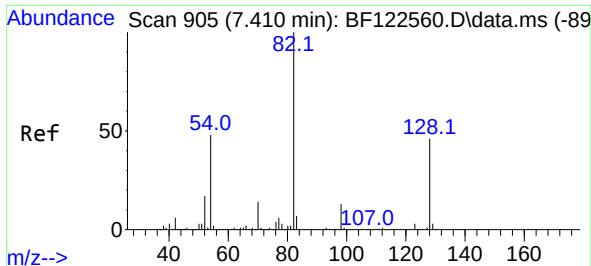
Tgt Ion: 70 Resp: 99633
Ion Ratio Lower Upper
70 100
42 42.8 43.0 64.4#
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Tgt Ion: 136 Resp: 706988
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 5.5 8.3
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 53.51 ng

RT: 7.398 min Scan# 903

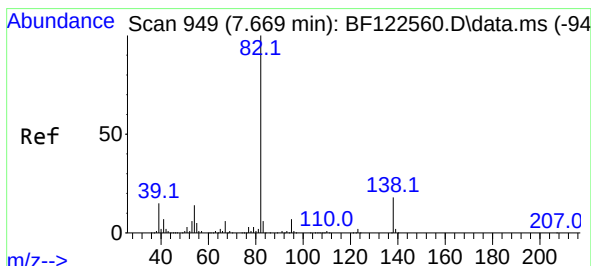
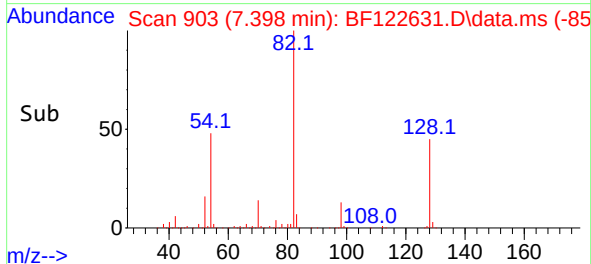
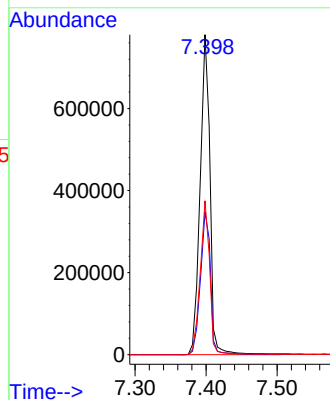
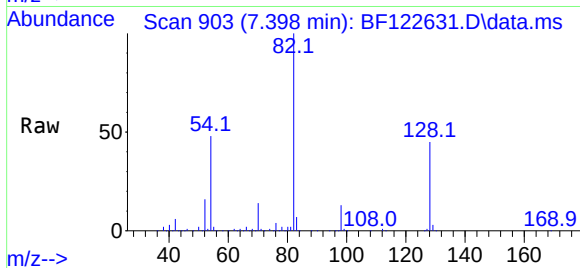
Delta R.T. -0.012 min

Lab File: BF122631.D

Acq: 10 Dec 2020 2:06

Tgt Ion: 82 Resp: 755012

Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.0	55.4
54	48.1	38.4	57.6



#25

Isophorone

Concen: 30.75 ng

RT: 7.398 min Scan# 903

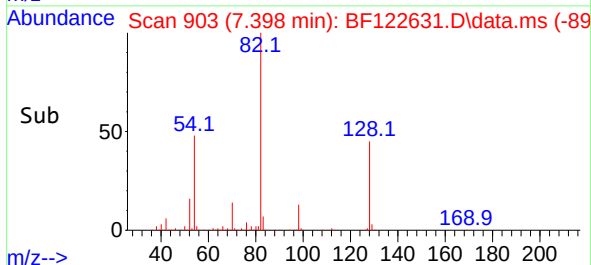
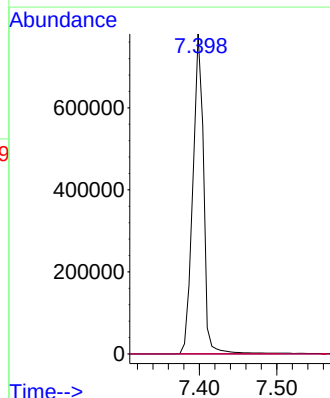
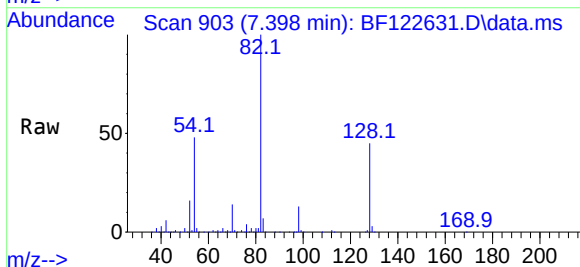
Delta R.T. -0.271 min

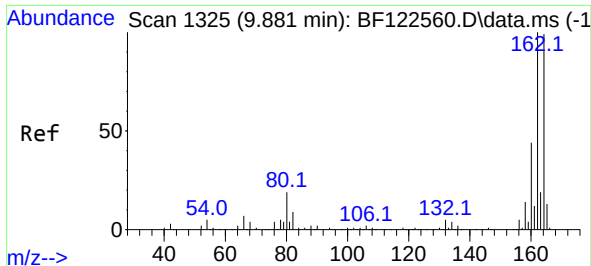
Lab File: BF122631.D

Acq: 10 Dec 2020 2:06

Tgt Ion: 82 Resp: 747398

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: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122631.D

Acq: 10 Dec 2020 2:06

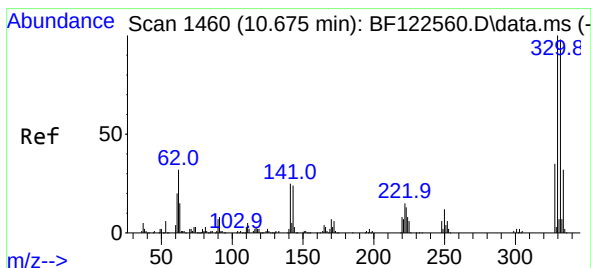
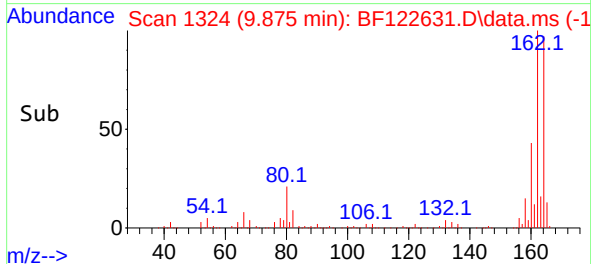
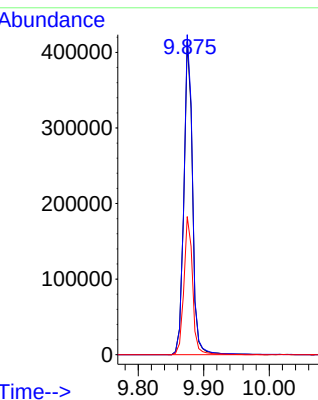
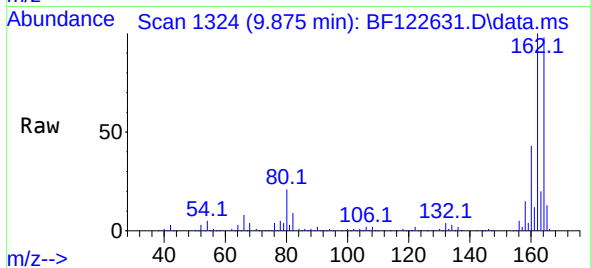
Tgt Ion:164 Resp: 379179

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 44.1 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 63.83 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122631.D

Acq: 10 Dec 2020 2:06

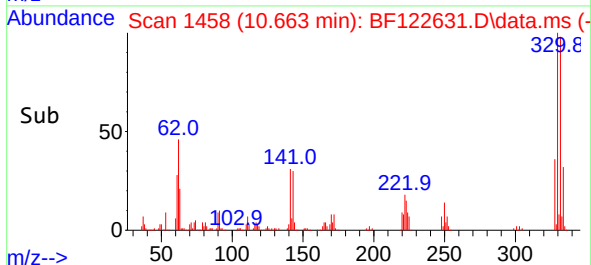
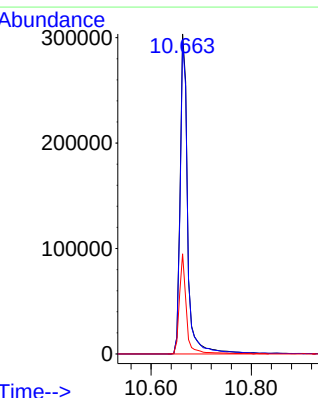
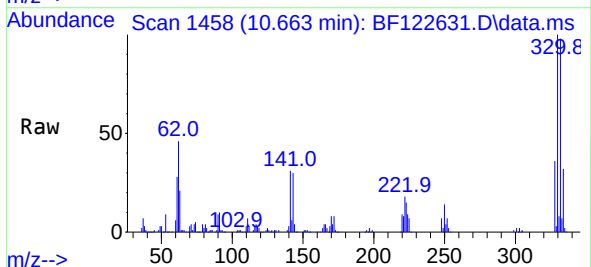
Tgt Ion:330 Resp: 316802

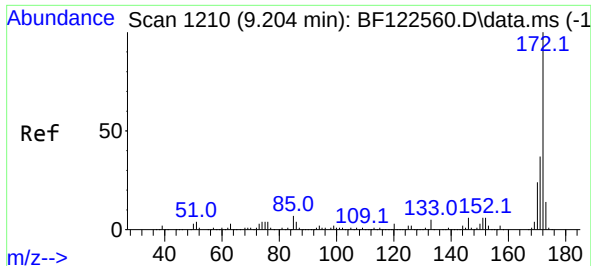
Ion Ratio Lower Upper

330 100

332 98.2 77.5 116.3

141 29.0 23.8 35.8

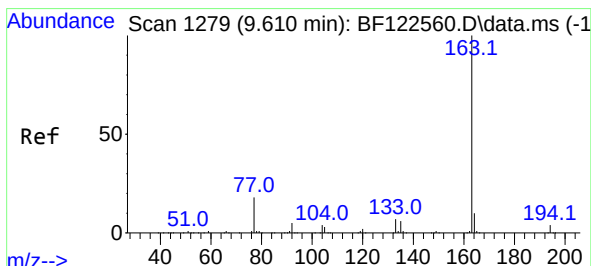
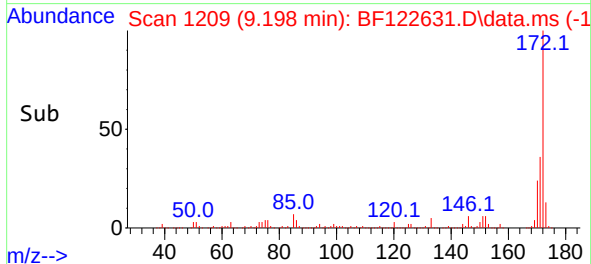
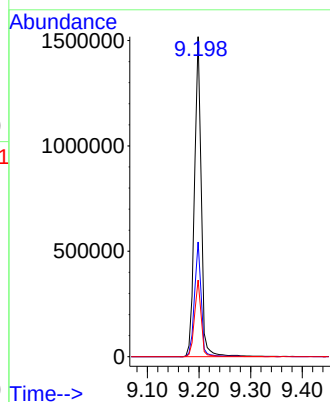
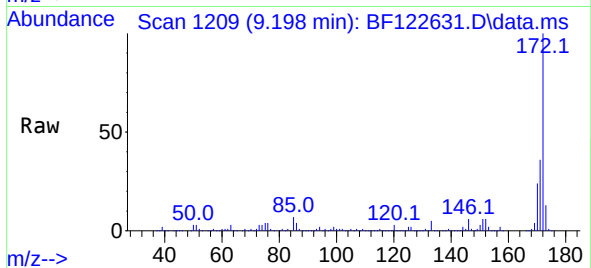




#45
2-Fluorobiphenyl
Concen: 49.53 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

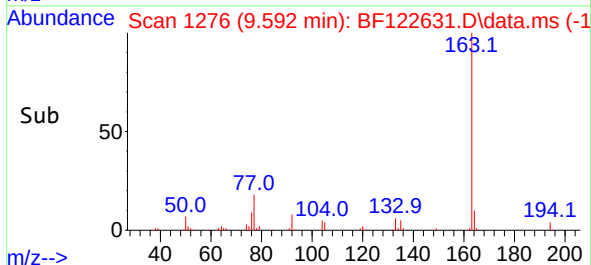
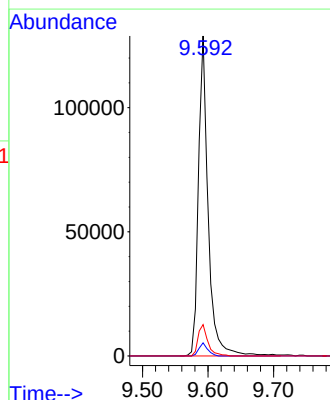
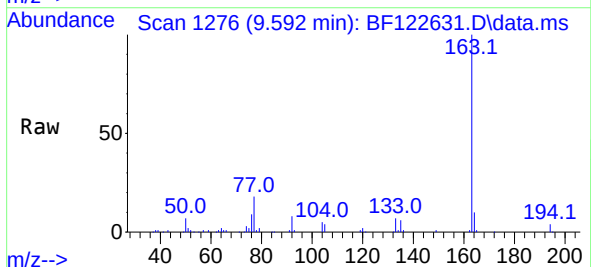
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TR2-A-D-COMP

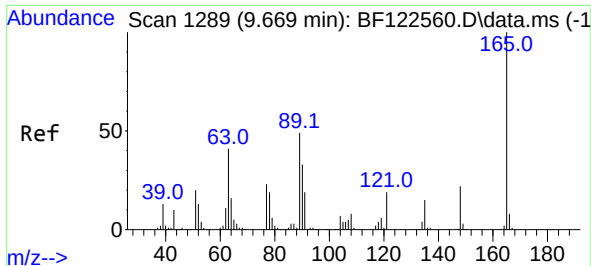
Tgt Ion:172 Resp: 1388552
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 4.40 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Tgt Ion:163 Resp: 133262
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 8.1 12.1

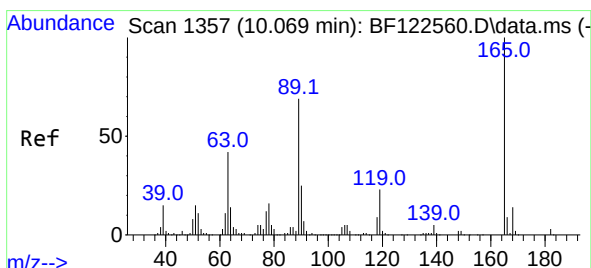
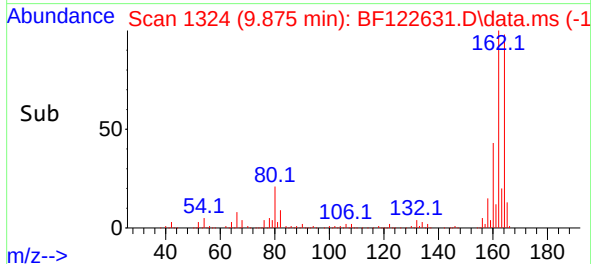
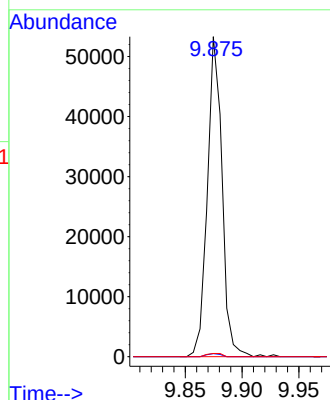
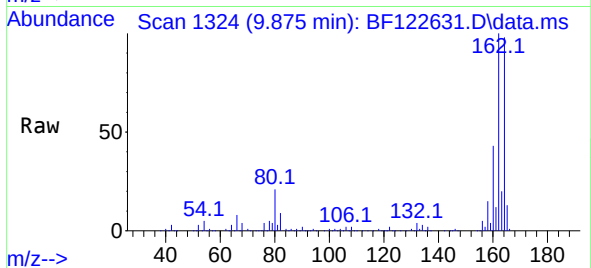




#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

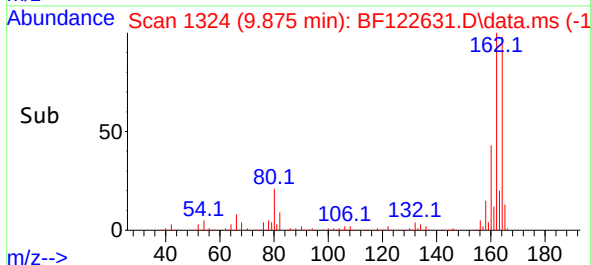
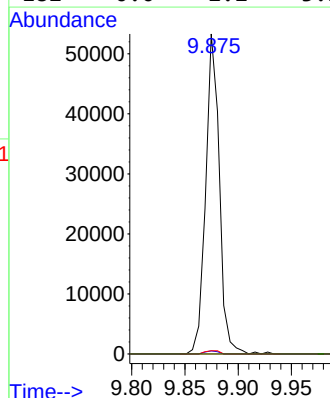
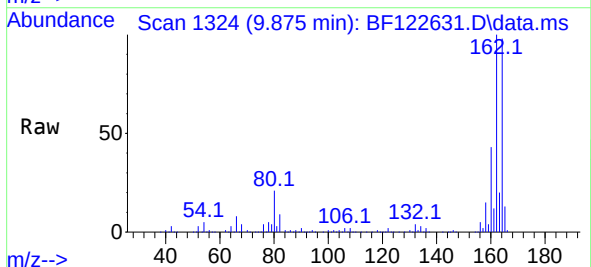
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

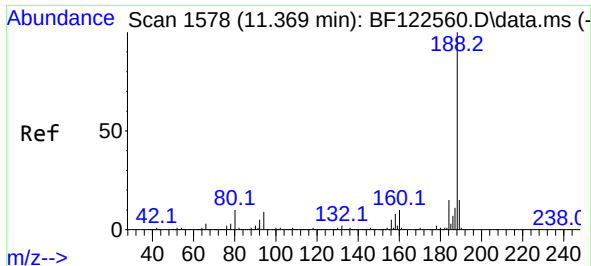
Tgt Ion:165 Resp: 47859
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Tgt Ion:165 Resp: 47860
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

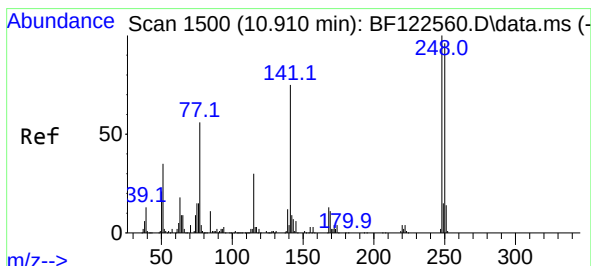
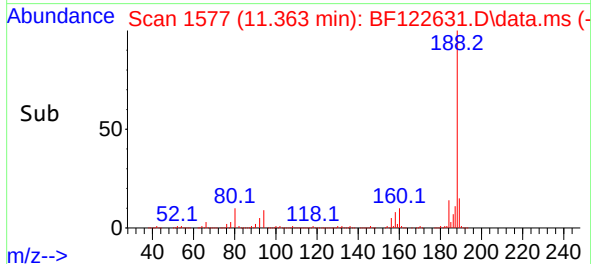
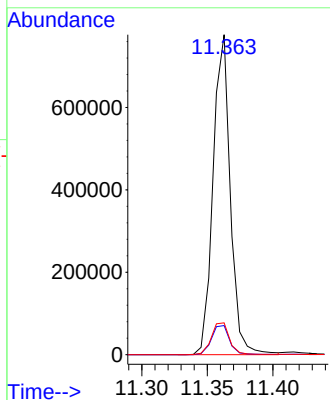
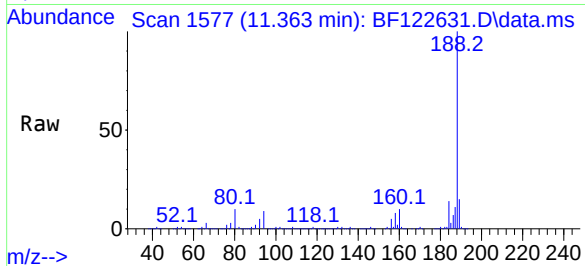




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

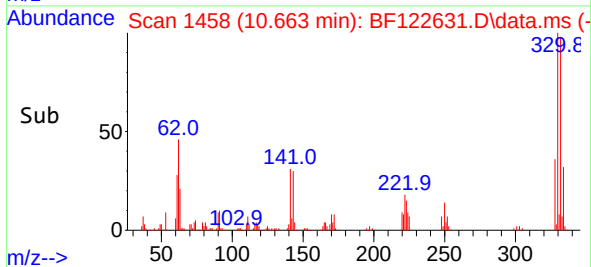
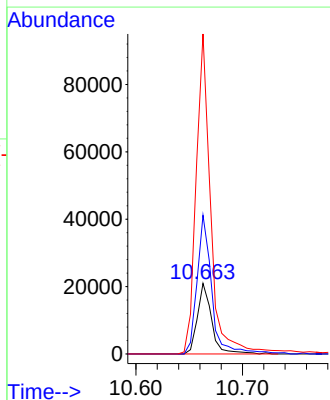
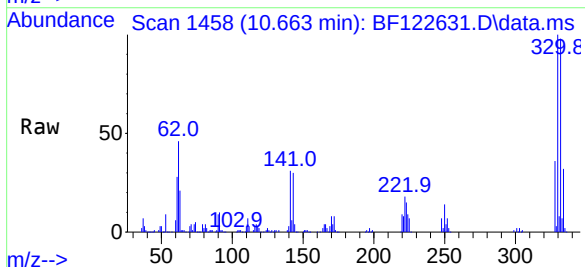
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

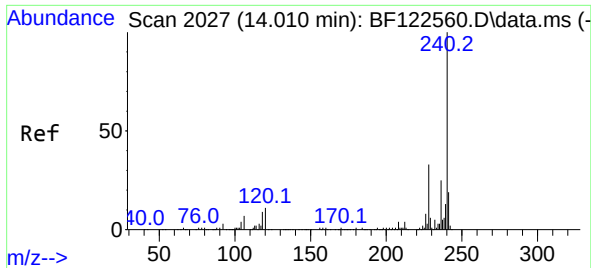
Tgt Ion:188 Resp: 709139
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.03 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Tgt Ion:248 Resp: 19468
Ion Ratio Lower Upper
248 100
250 196.8 76.8 115.2#
141 453.9 59.8 89.8#



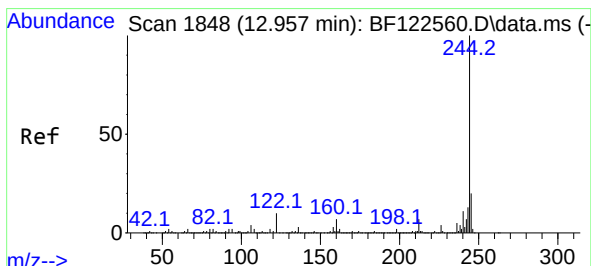
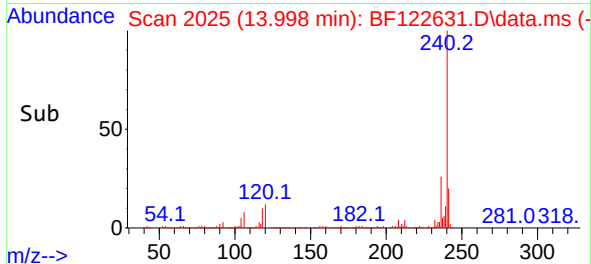
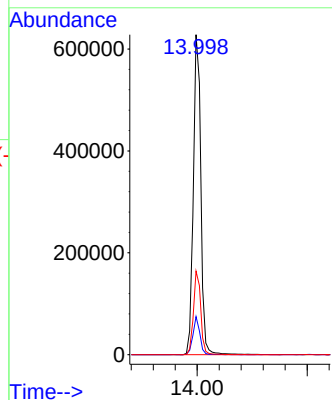
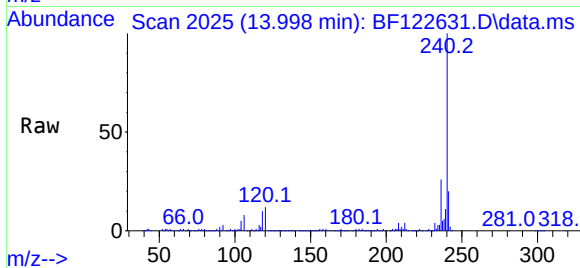


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

Tgt Ion:240 Resp: 590330

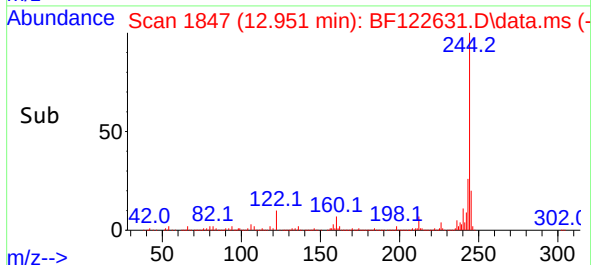
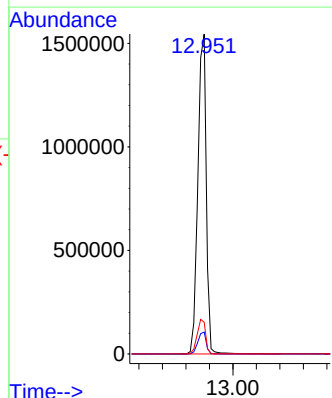
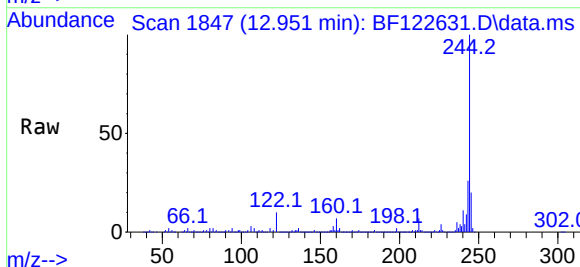
Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	12.8
236	26.1	20.3	30.5

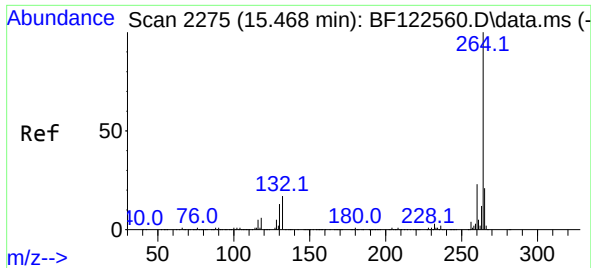


#79
Terphenyl-d14
Concen: 45.26 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122631.D
Acq: 10 Dec 2020 2:06

Tgt Ion:244 Resp: 1526256

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.9	8.3	12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122631.D
 Acq: 10 Dec 2020 2:06

Instrument :
 BNA_F
 ClientSampleId :
 TR2-A-D-COMP

Tgt Ion:264 Resp: 503749

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.1	17.0	25.6

