

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122632.D
 Acq On : 10 Dec 2020 2:37
 Operator : JU/CG
 Sample : L4984-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 10 06:21:09 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)

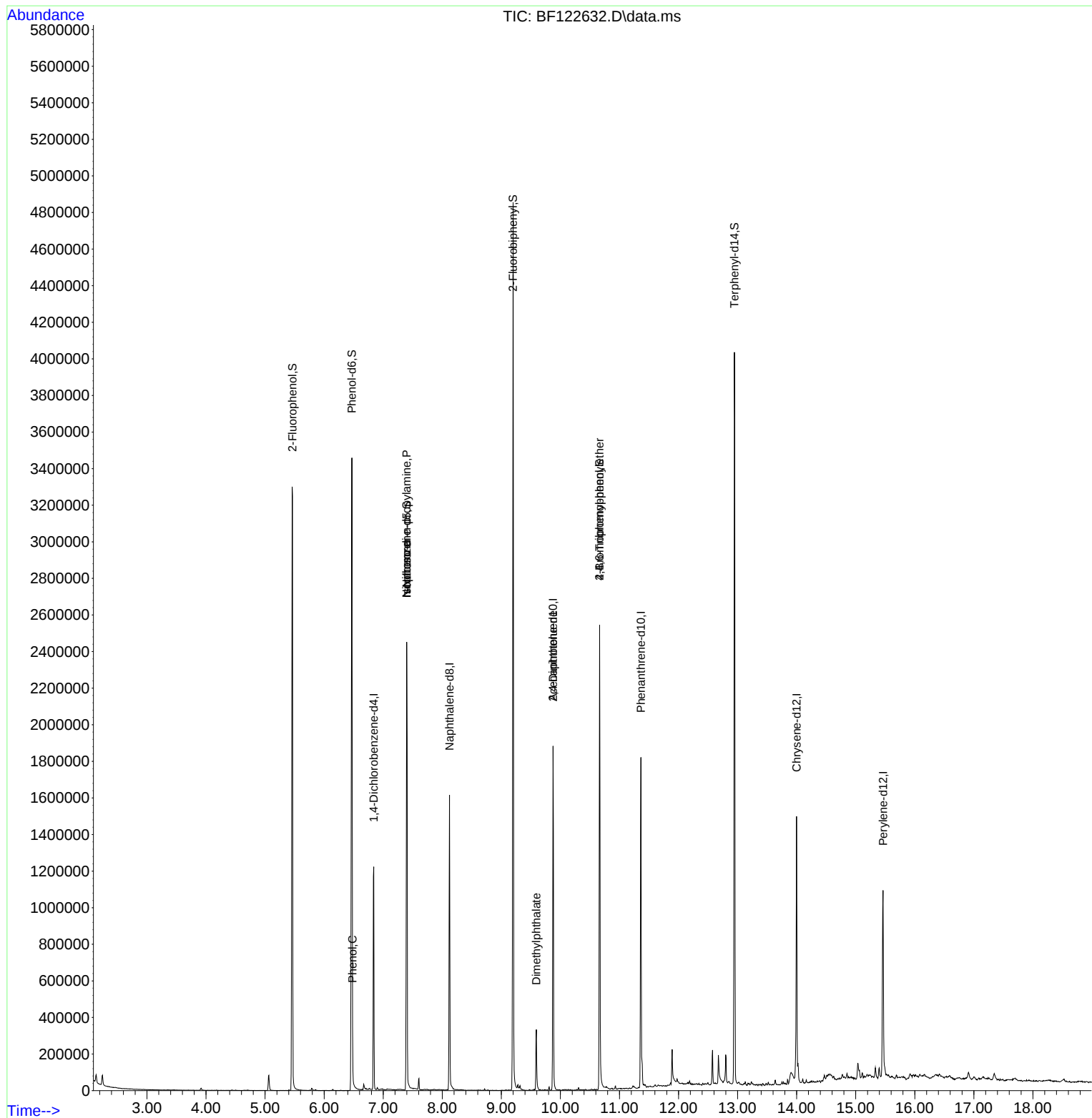
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	190762	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	740028	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	389413	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	673635	20.00	ng	0.00
76) Chrysene-d12	13.998	240	465092	20.00	ng	-0.01
86) Perylene-d12	15.463	264	485840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1081210	89.73	ng	0.00
7) Phenol-d6	6.469	99	1358643	85.02	ng	-0.01
23) Nitrobenzene-d5	7.398	82	852276	57.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	344989	67.68	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1507370	52.36	ng	0.00
79) Terphenyl-d14	12.945	244	1385209	52.13	ng	-0.01
Target Compounds						
10) Phenol	6.481	94	59155	3.57	ng	Qvalue 84
19) n-Nitroso-di-n-propyla...	7.398	70	112296	12.27	ng	# 78
25) Isophorone	7.398	82	837698	32.93	ng	# 65
50) Dimethylphthalate	9.592	163	165367	5.32	ng	99
57) 2,4-Dinitrotoluene	9.875	165	49883	5.70	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	20920	2.29	ng	# 1

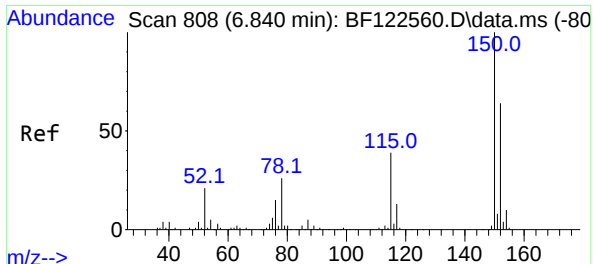
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

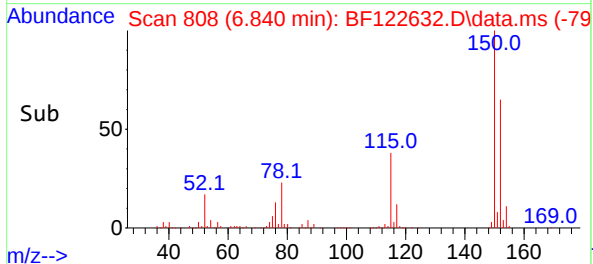
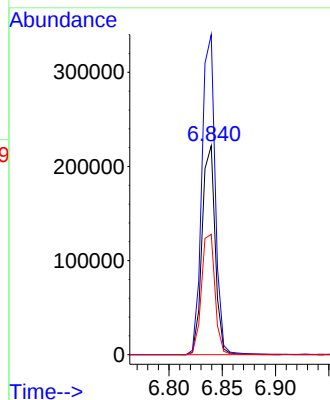
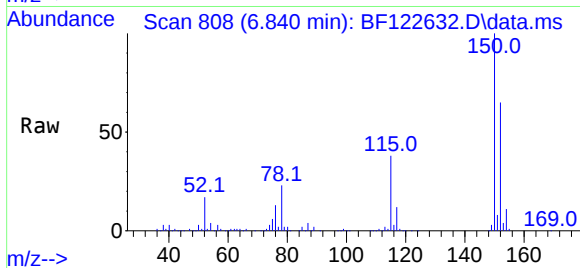




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

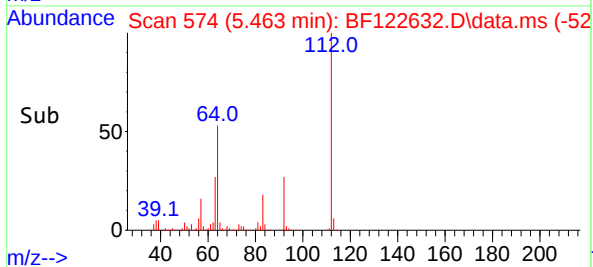
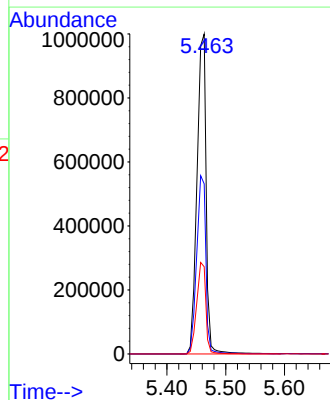
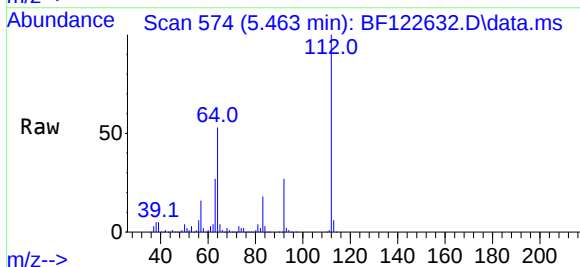
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

Tgt Ion:152 Resp: 190762
Ion Ratio Lower Upper
152 100
150 153.2 125.8 188.6
115 57.6 49.3 73.9



#5
2-Fluorophenol
Concen: 89.73 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

Tgt Ion:112 Resp: 1081210
Ion Ratio Lower Upper
112 100
64 53.1 46.9 70.3
63 27.2 24.5 36.7



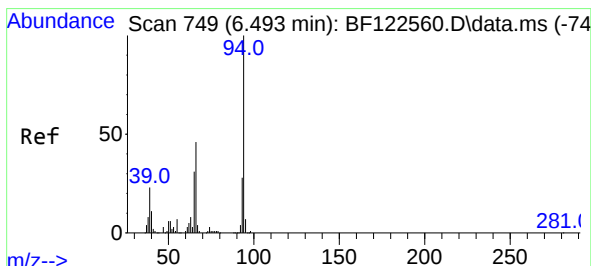
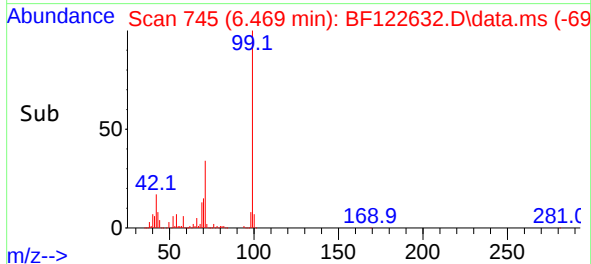
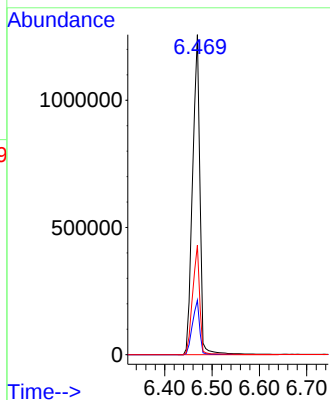
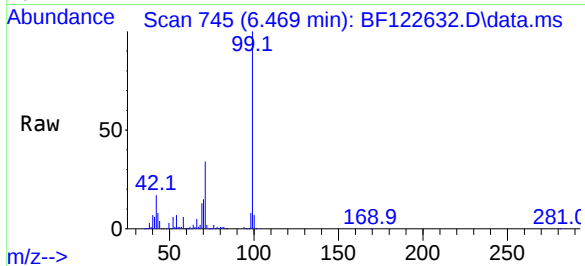


#7
Phenol-d6
Concen: 85.02 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

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

Tgt Ion: 99 Resp: 1358643

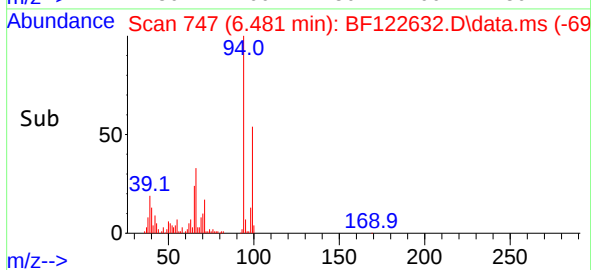
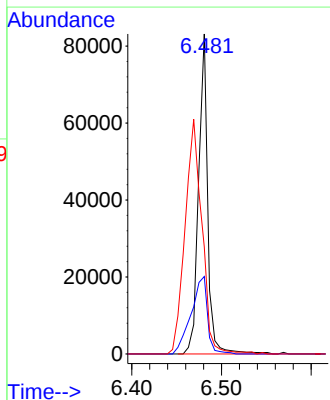
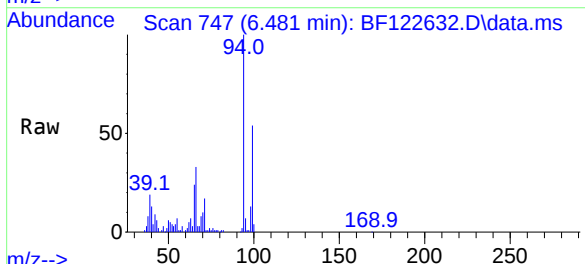
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	34.2	26.9	40.3

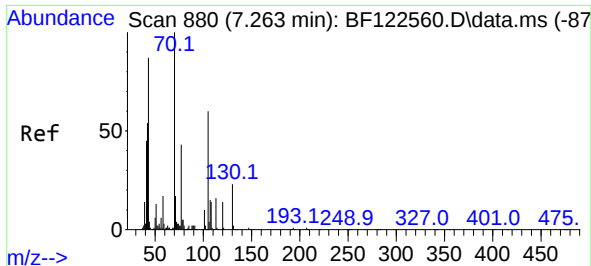


#10
Phenol
Concen: 3.57 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

Tgt Ion: 94 Resp: 59155

Ion	Ratio	Lower	Upper
94	100		
65	24.2	11.2	51.2
66	33.5	25.8	65.8





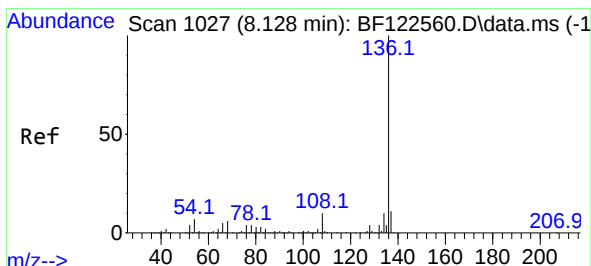
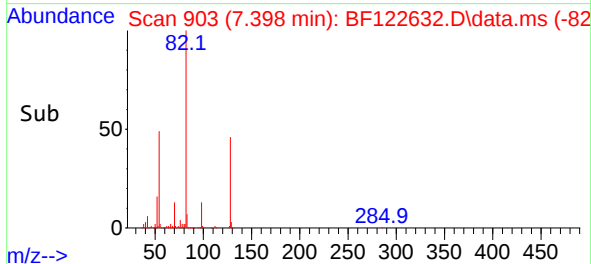
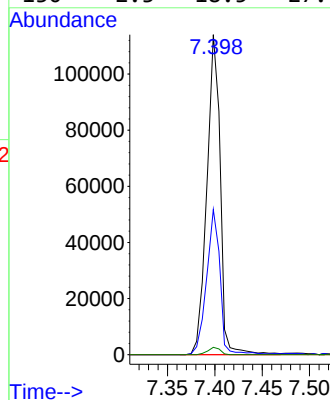
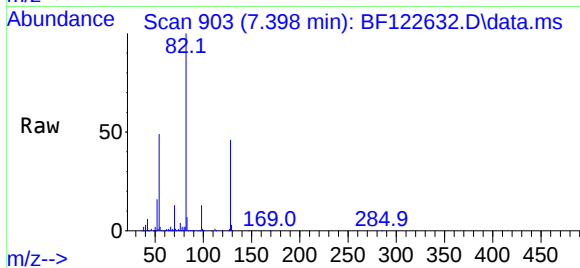
#19

n-Nitroso-di-n-propylamine
 Concen: 12.27 ng
 RT: 7.398 min Scan# 903
 Delta R.T. 0.135 min
 Lab File: BF122632.D
 Acq: 10 Dec 2020 2:37

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

Tgt Ion: 70 Resp: 112296

Ion	Ratio	Lower	Upper
70	100		
42	45.4	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#

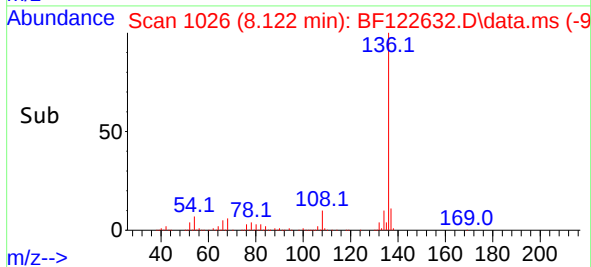
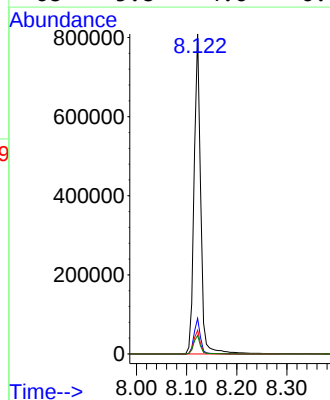
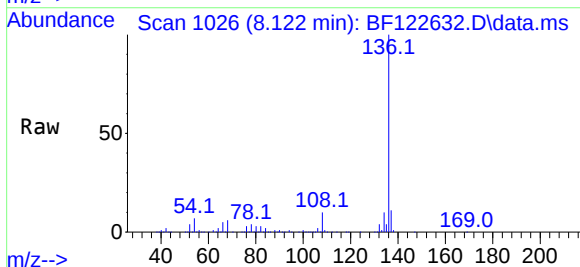


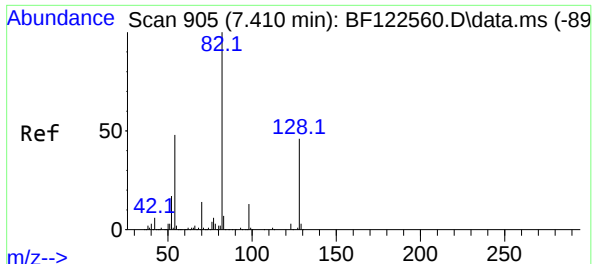
#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.122 min Scan# 1026
 Delta R.T. -0.006 min
 Lab File: BF122632.D
 Acq: 10 Dec 2020 2:37

Tgt Ion: 136 Resp: 740028

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	5.5	8.3
68	5.8	4.6	6.8

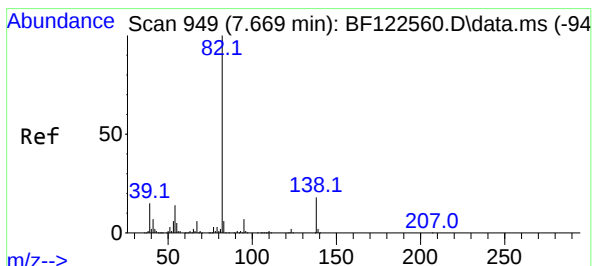
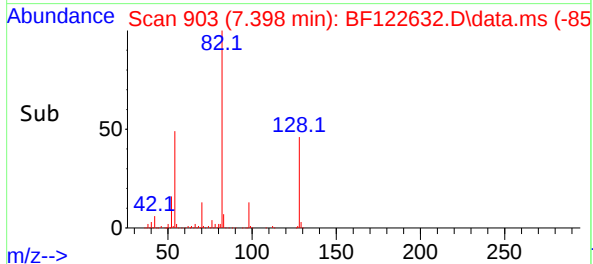
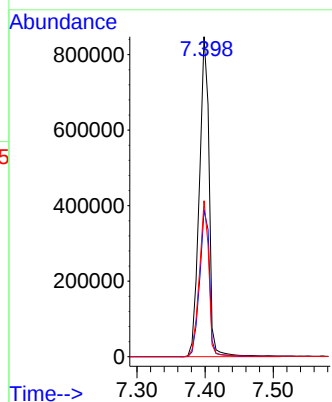
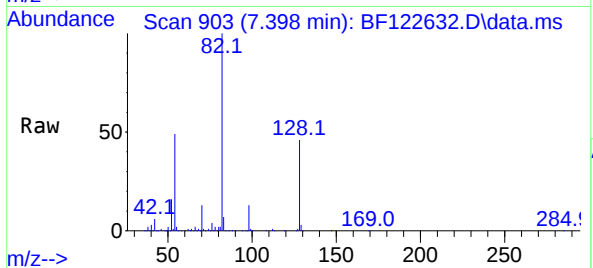




#23
Nitrobenzene-d5
Concen: 57.70 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

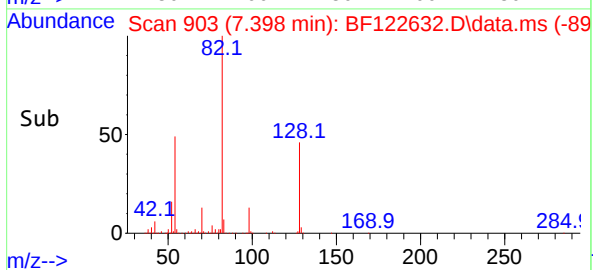
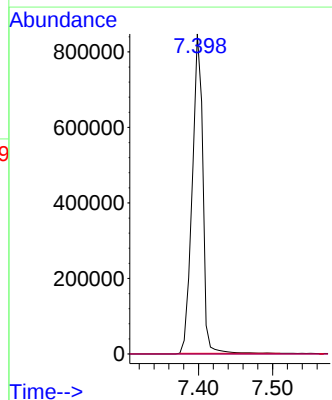
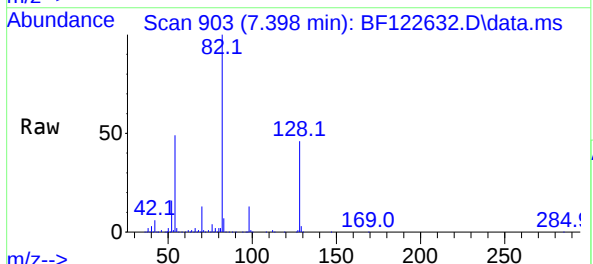
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

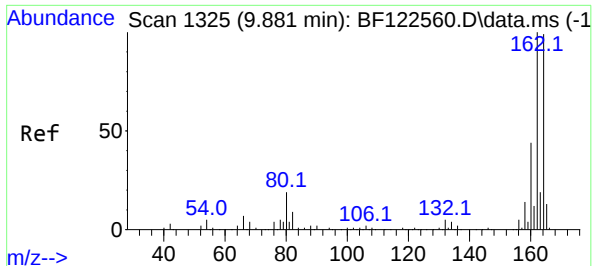
Tgt Ion: 82 Resp: 852276
Ion Ratio Lower Upper
82 100
128 45.8 37.0 55.4
54 48.8 38.4 57.6



#25
Isophorone
Concen: 32.93 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

Tgt Ion: 82 Resp: 837698
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: BF122632.D

Acq: 10 Dec 2020 2:37

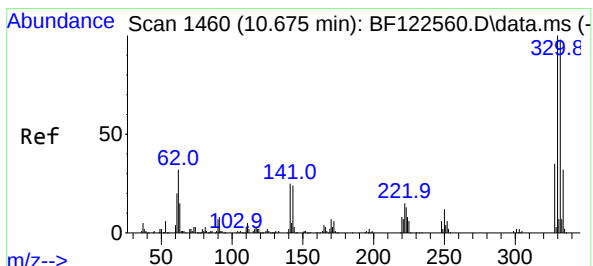
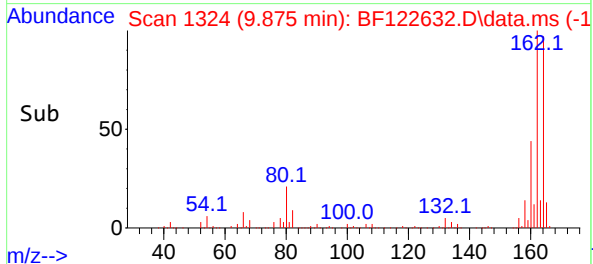
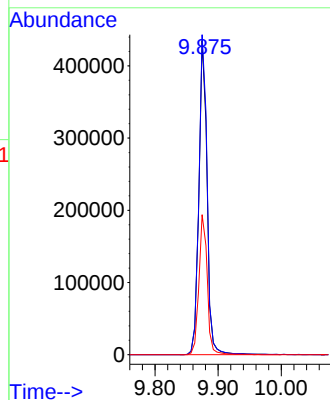
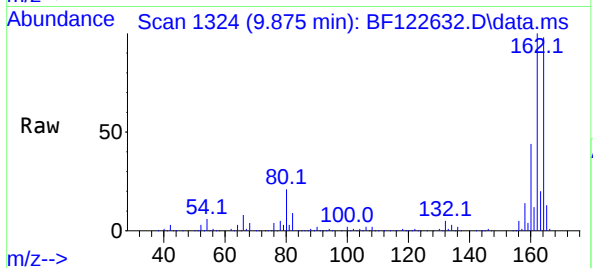
Tgt Ion:164 Resp: 389413

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

160 44.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 67.68 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122632.D

Acq: 10 Dec 2020 2:37

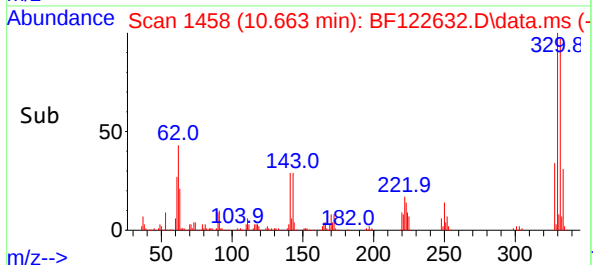
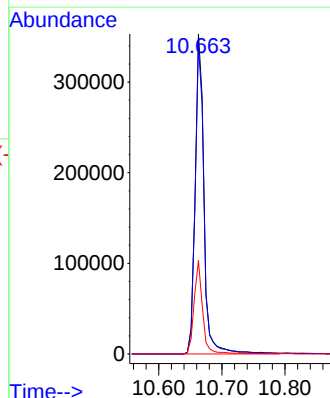
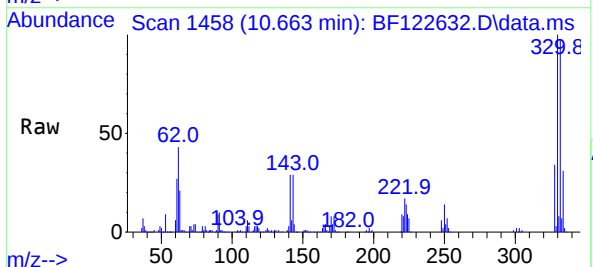
Tgt Ion:330 Resp: 344989

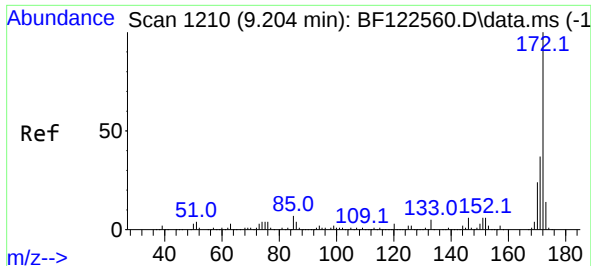
Ion Ratio Lower Upper

330 100

332 97.3 77.5 116.3

141 28.4 23.8 35.8

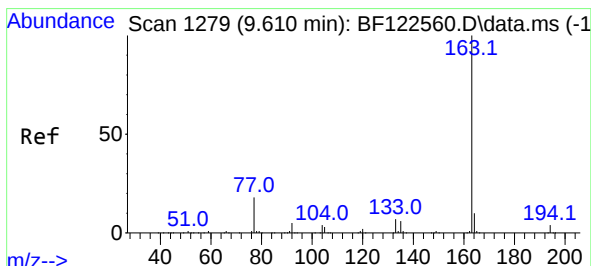
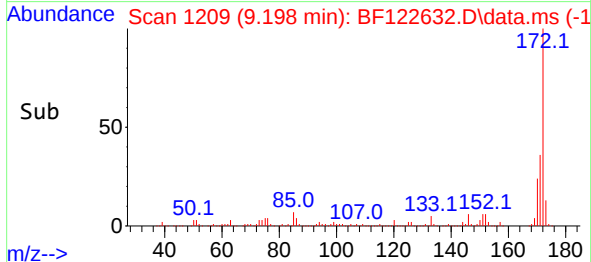
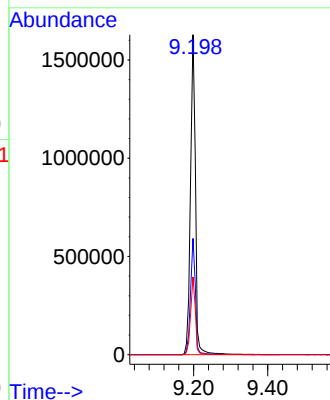
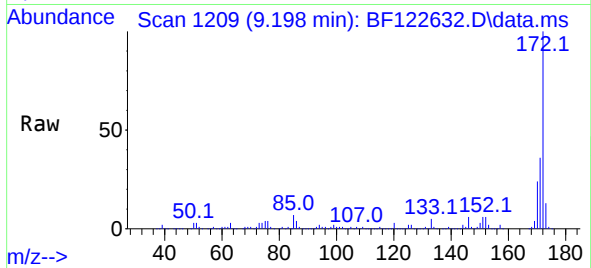




#45
2-Fluorobiphenyl
Concen: 52.36 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

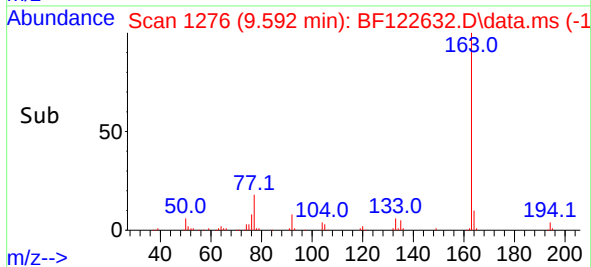
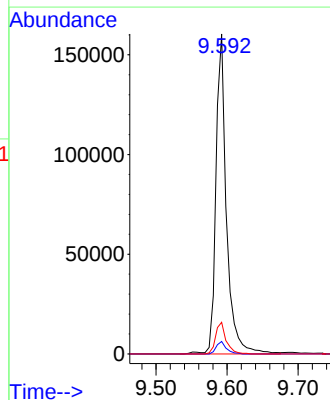
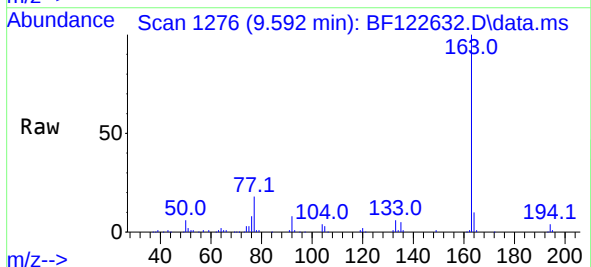
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TR3-A-D-COMP

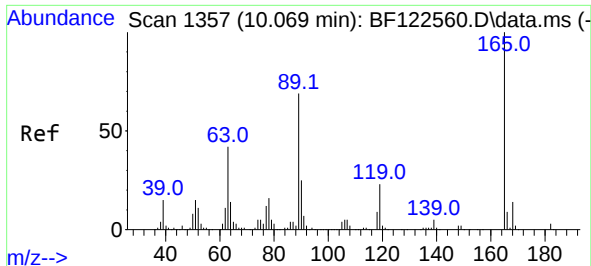
Tgt Ion:172 Resp: 1507370
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 5.32 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

Tgt Ion:163 Resp: 165367
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.9 8.1 12.1

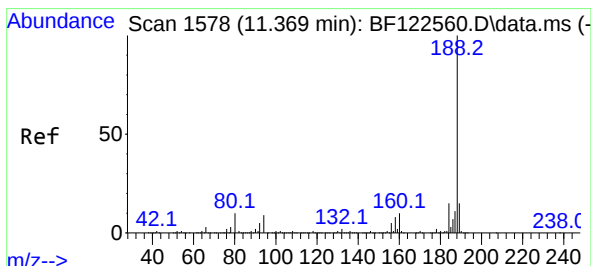
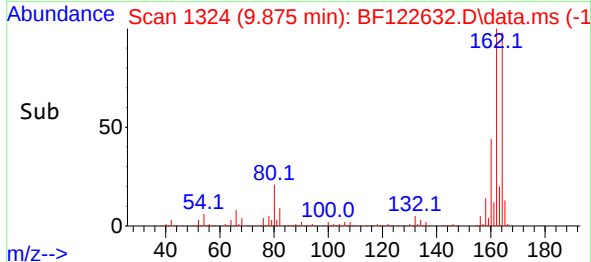
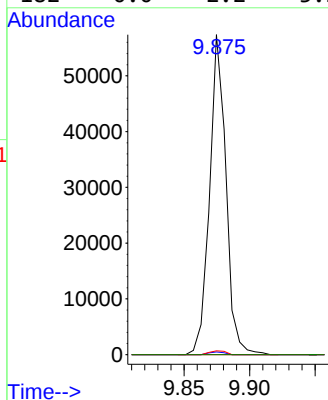
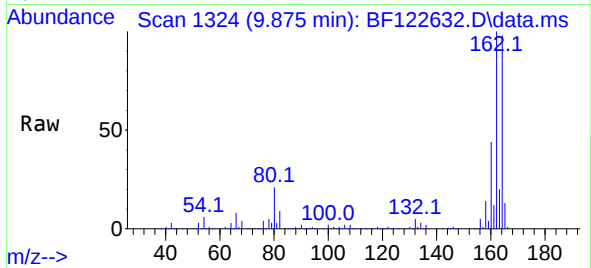




#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

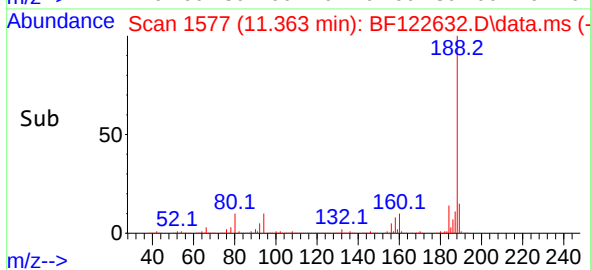
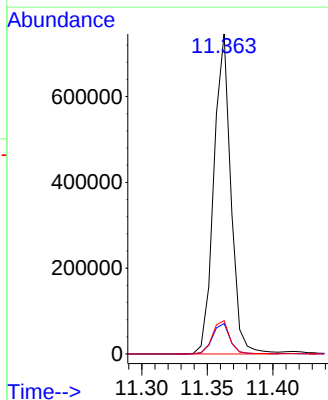
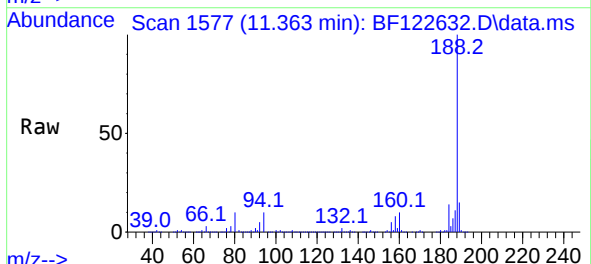
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

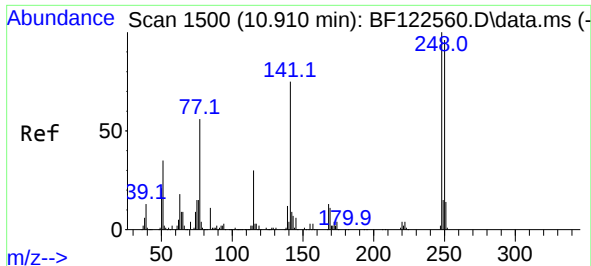
Tgt Ion:	165	Resp:	49883
Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.3	51.5#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

Tgt Ion:	188	Resp:	673635
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.4	8.2	12.4

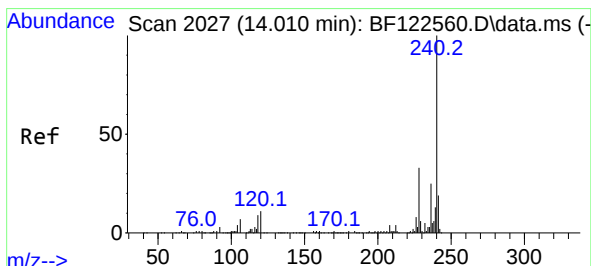
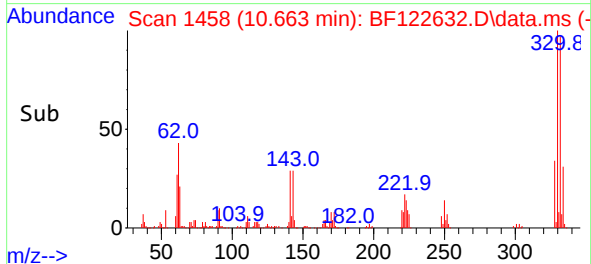
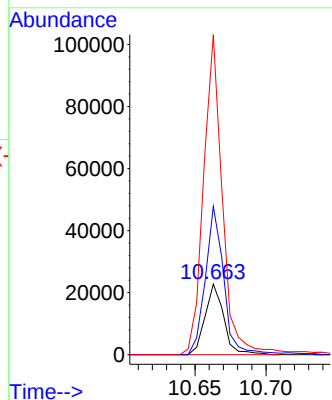
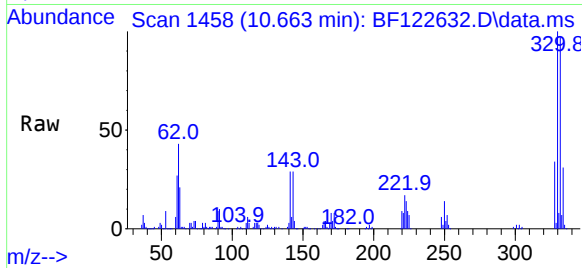




#67
4-Bromophenyl-phenylether
Concen: 2.29 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

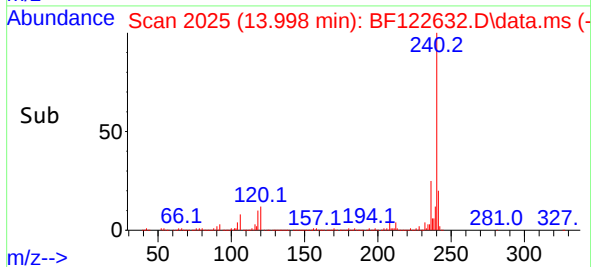
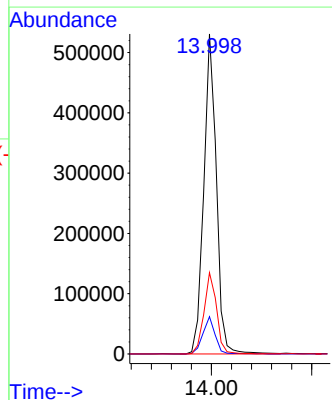
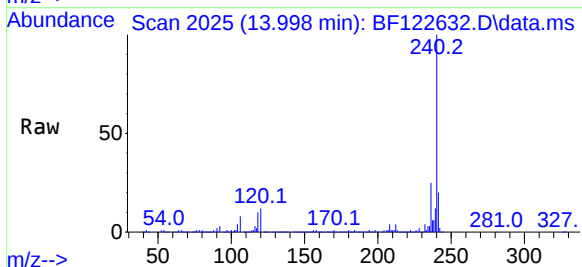
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

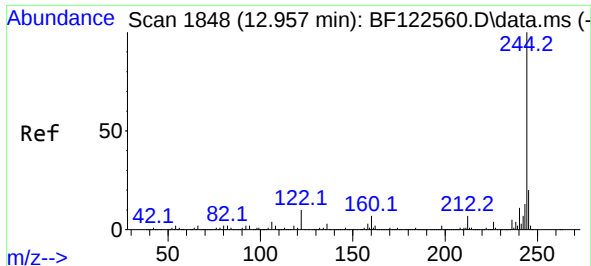
Tgt Ion:248 Resp: 20920
Ion Ratio Lower Upper
248 100
250 210.1 76.8 115.2#
141 453.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

Tgt Ion:240 Resp: 465092
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.4 20.3 30.5

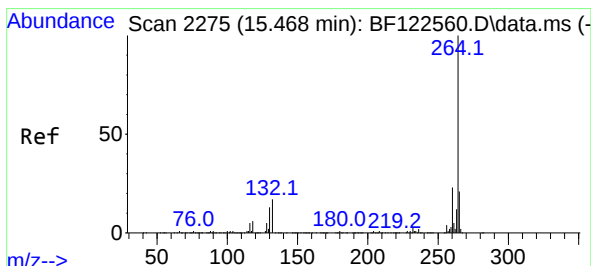
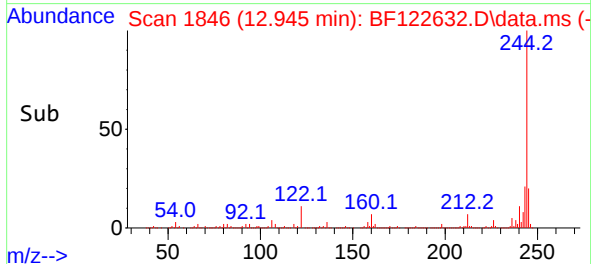
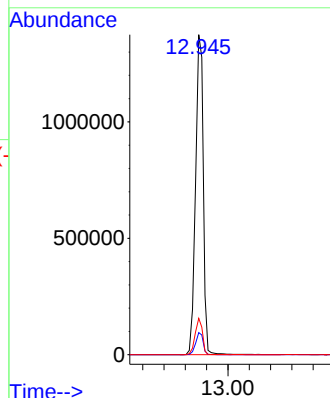
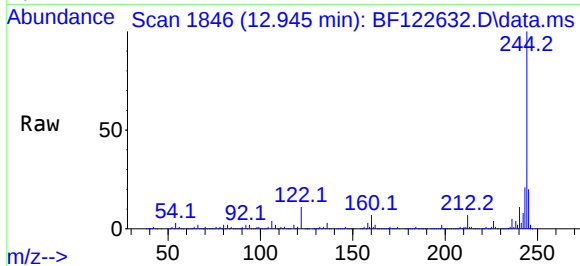




#79
Terphenyl-d14
Concen: 52.13 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122632.D
Acq: 10 Dec 2020 2:37

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

Tgt Ion:244 Resp: 1385209
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.4 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: BF122632.D
Acq: 10 Dec 2020 2:37

Tgt Ion:264 Resp: 485840
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.3 17.0 25.6

