

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122702.D
 Acq On : 14 Dec 2020 13:11
 Operator : JU/CG
 Sample : L4983-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR1-A-D-COMP

Quant Time: Dec 14 16:54:33 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)

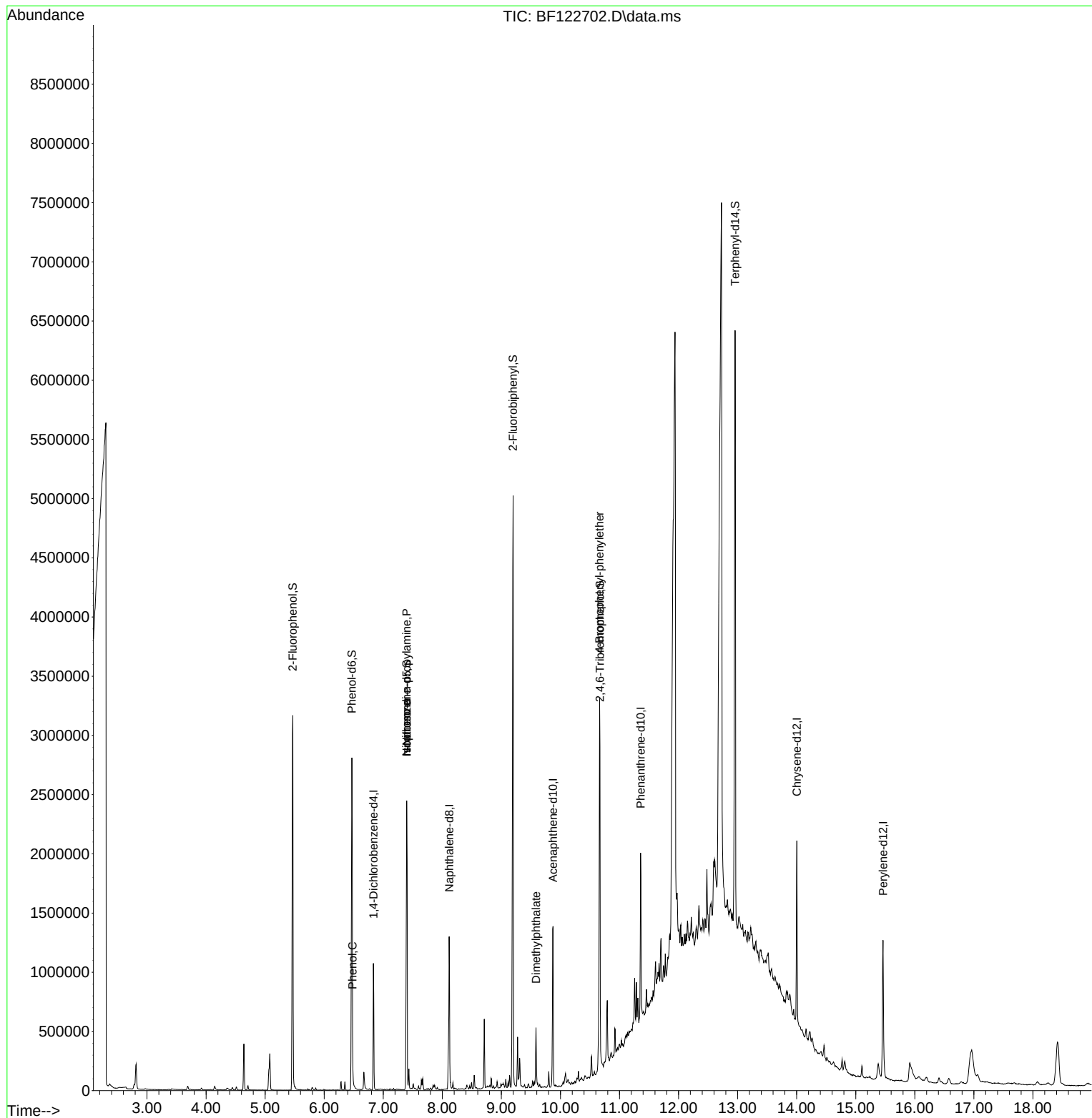
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	153701	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	585927	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	320809	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	565680	20.00	ng	-0.01
76) Chrysene-d12	14.004	240	551259	20.00	ng	0.00
86) Perylene-d12	15.462	264	524076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1049786	108.13	ng	0.01
7) Phenol-d6	6.469	99	1204658	93.56	ng	-0.01
23) Nitrobenzene-d5	7.398	82	921632	78.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	543583	129.45	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1866885	78.71	ng	0.00
79) Terphenyl-d14	12.957	244	2251070	71.48	ng	0.00
Target Compounds						
10) Phenol	6.481	94	37506	2.81	ng	Qvalue 94
19) n-Nitroso-di-n-propyla...	7.398	70	120990	16.40	ng	# 77
25) Isophorone	7.398	82	921625	45.76	ng	# 65
50) Dimethylphthalate	9.586	163	188740	7.37	ng	100
67) 4-Bromophenyl-phenylether	10.663	248	32808	4.28	ng	# 1

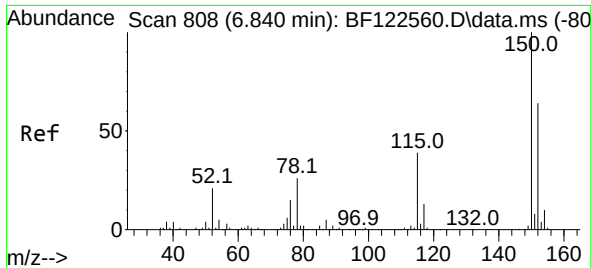
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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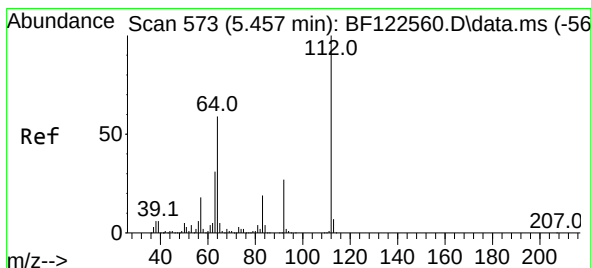
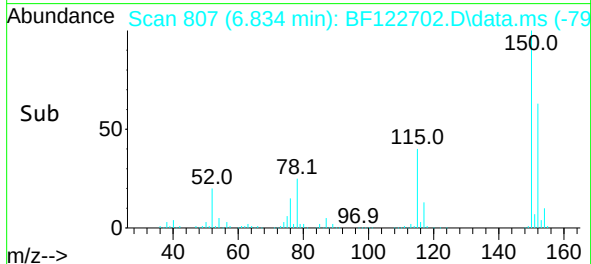
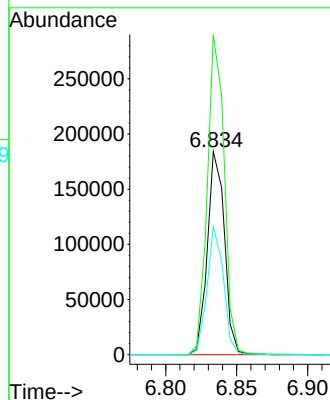
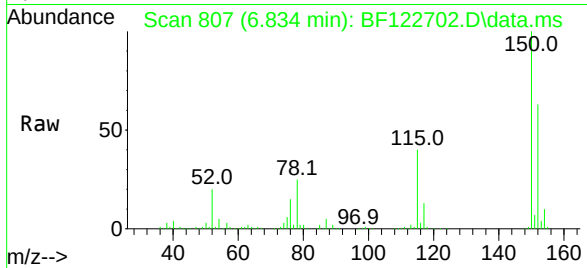




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

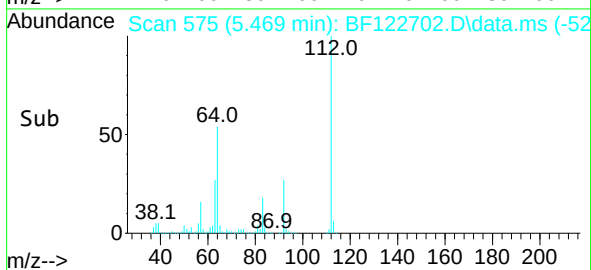
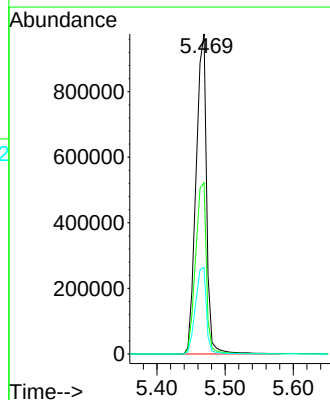
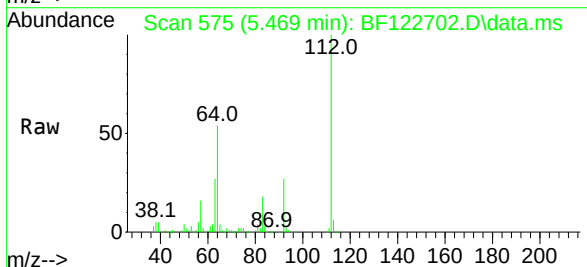
Instrument :
BNA_F
ClientSampleId :
TR1-A-D-COMP

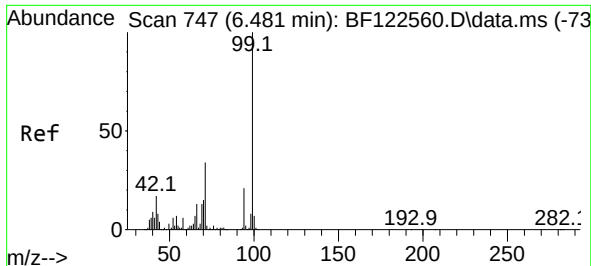
Tgt Ion:152 Resp: 153701
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 63.0 49.3 73.9



#5
2-Fluorophenol
Concen: 108.13 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

Tgt Ion:112 Resp: 1049786
Ion Ratio Lower Upper
112 100
64 53.5 46.9 70.3
63 27.1 24.5 36.7

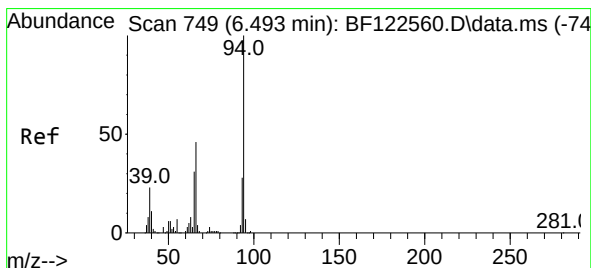
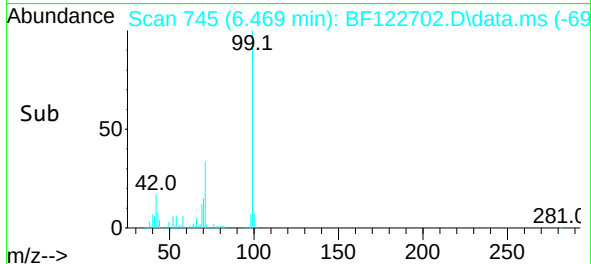
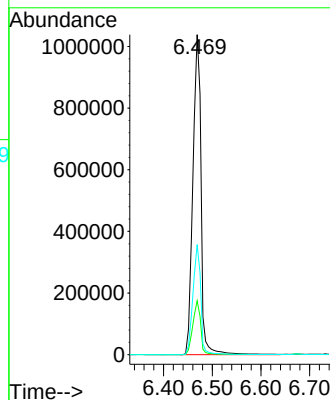
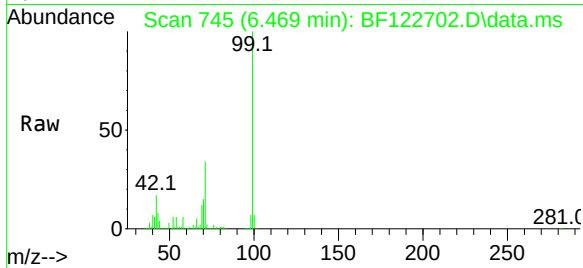




#7
Phenol-d6
Concen: 93.56 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

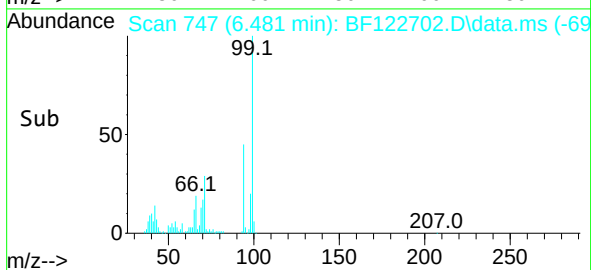
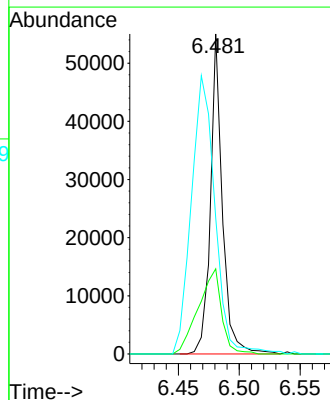
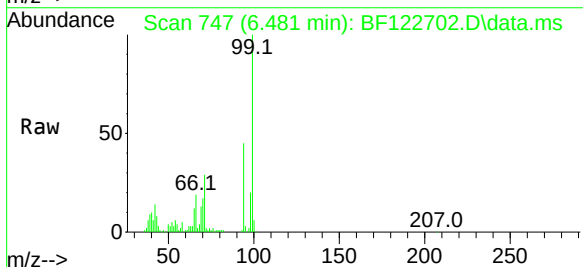
Instrument :
BNA_F
ClientSampleId :
TR1-A-D-COMP

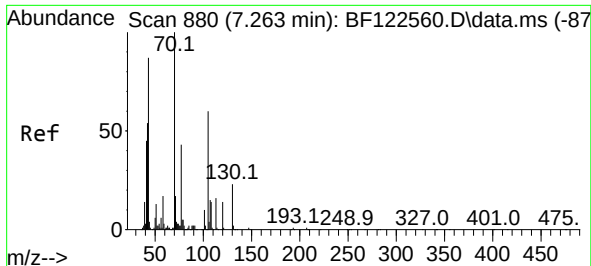
Tgt Ion: 99 Resp: 1204658
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 34.4 26.9 40.3



#10
Phenol
Concen: 2.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

Tgt Ion: 94 Resp: 37506
Ion Ratio Lower Upper
94 100
65 26.6 11.2 51.2
66 42.5 25.8 65.8



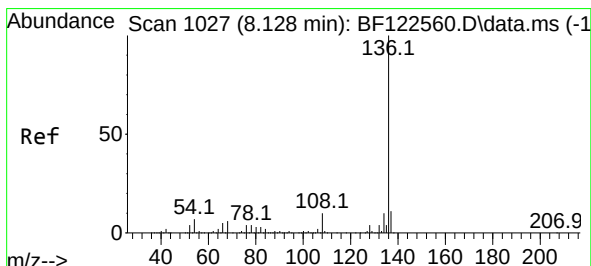
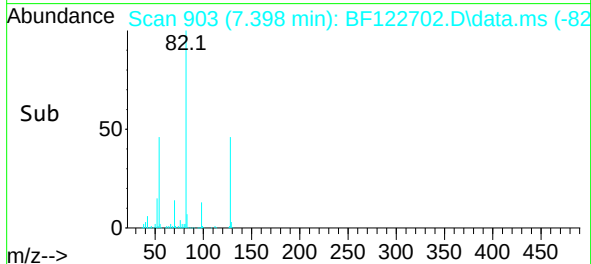
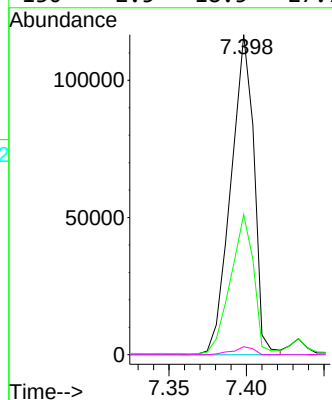
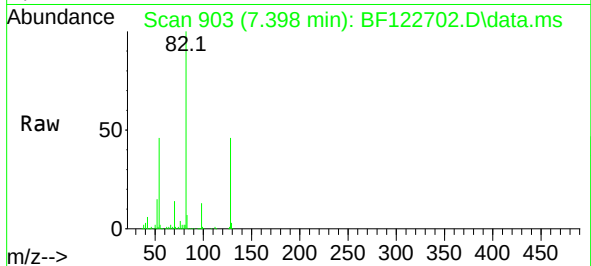


#19
n-Nitroso-di-n-propylamine
Concen: 16.40 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

Instrument :
BNA_F
ClientSampleId :
TR1-A-D-COMP

Tgt Ion: 70 Resp: 120990

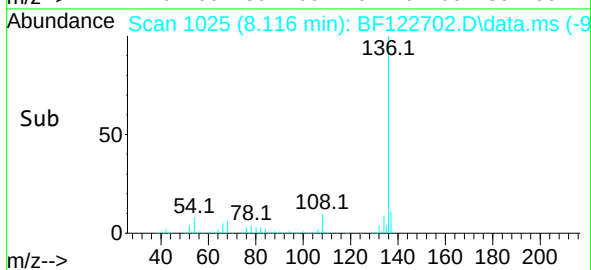
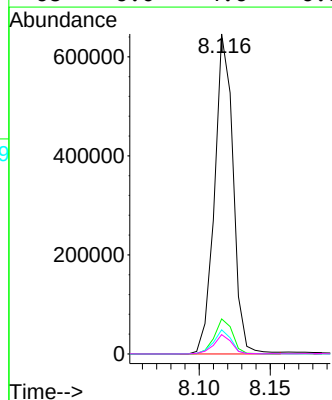
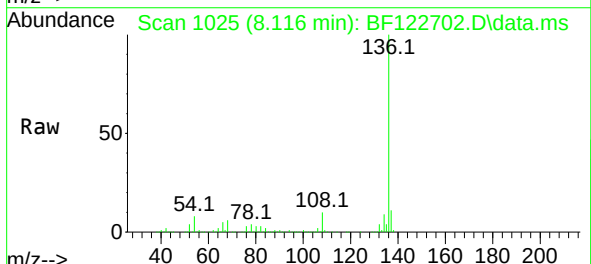
Ion	Ratio	Lower	Upper
70	100		
42	43.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.5	18.5	27.7#

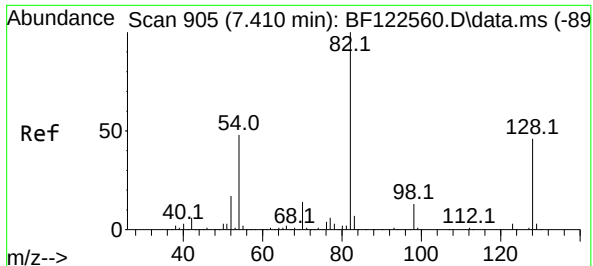


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

Tgt Ion: 136 Resp: 585927

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.5	8.3
68	6.0	4.6	6.8





#23

Nitrobenzene-d5

Concen: 78.81 ng

RT: 7.398 min Scan# 903

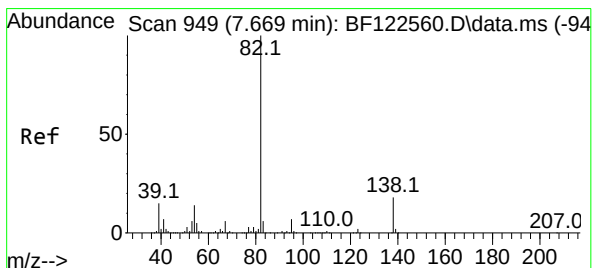
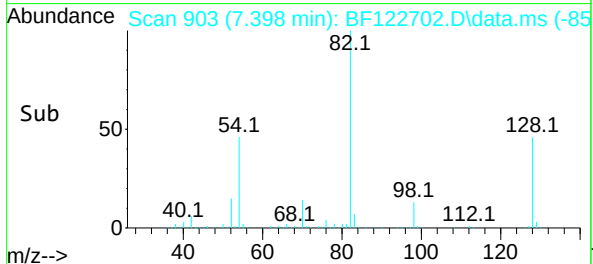
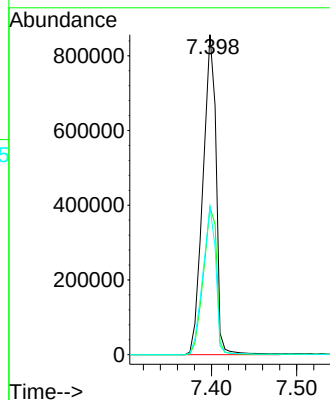
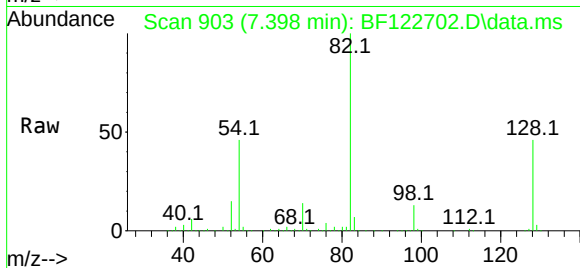
Delta R.T. -0.012 min

Lab File: BF122702.D

Acq: 14 Dec 2020 13:11

Tgt Ion: 82 Resp: 921632

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	46.3	38.4	57.6



#25

Isophorone

Concen: 45.76 ng

RT: 7.398 min Scan# 903

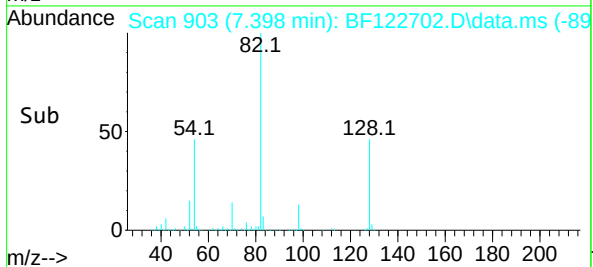
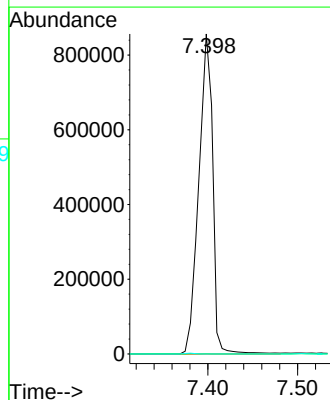
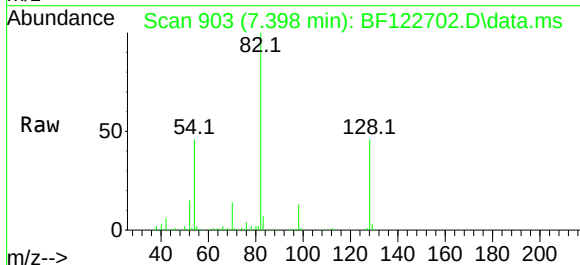
Delta R.T. -0.271 min

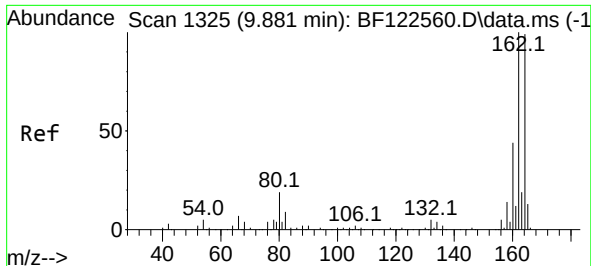
Lab File: BF122702.D

Acq: 14 Dec 2020 13:11

Tgt Ion: 82 Resp: 921625

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

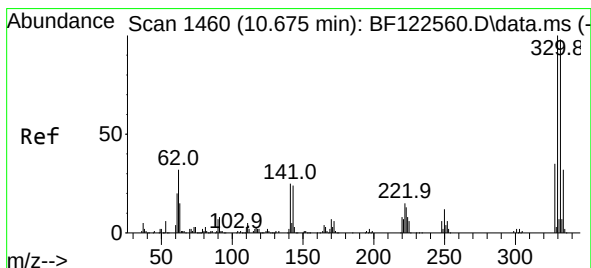
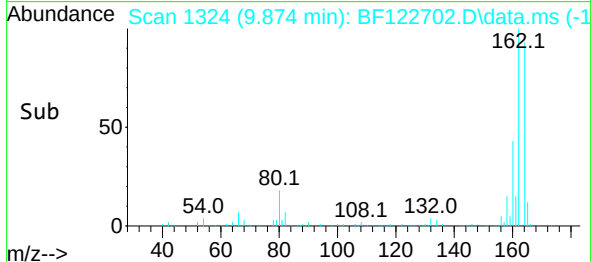
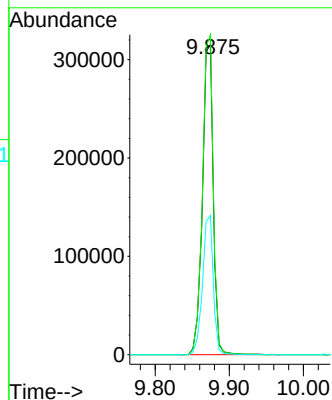
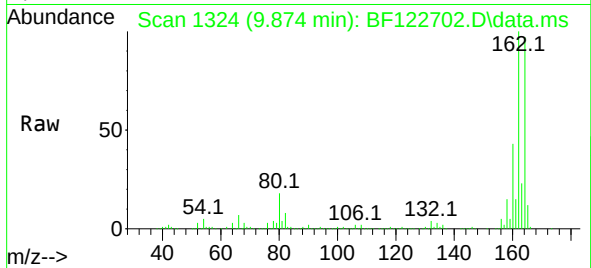




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

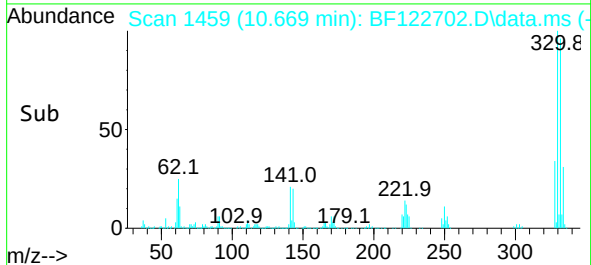
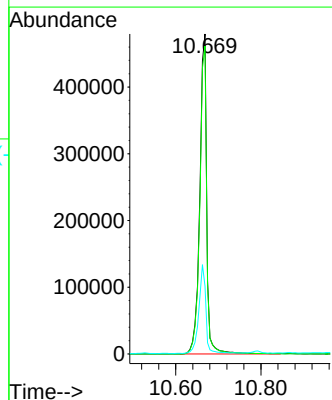
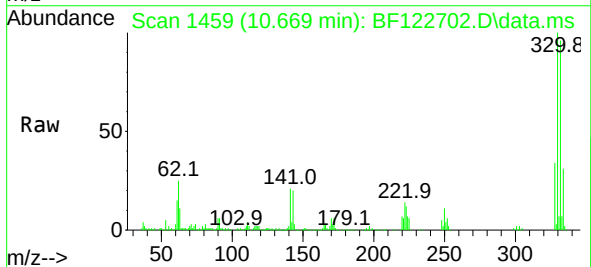
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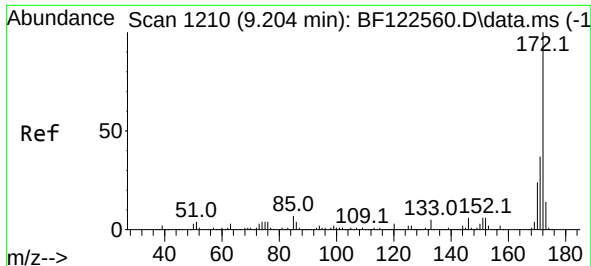
Tgt Ion:164 Resp: 320809
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 129.45 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

Tgt Ion:330 Resp: 543583
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 27.9 23.8 35.8

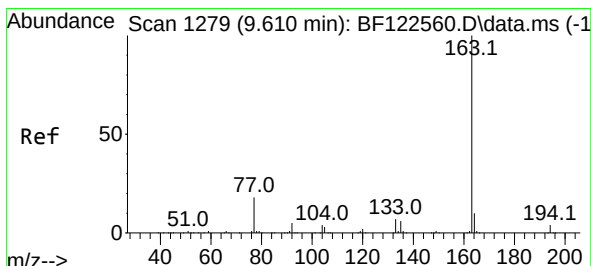
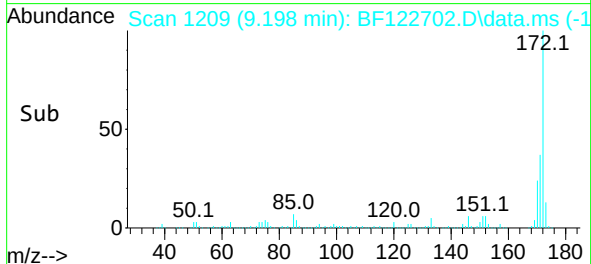
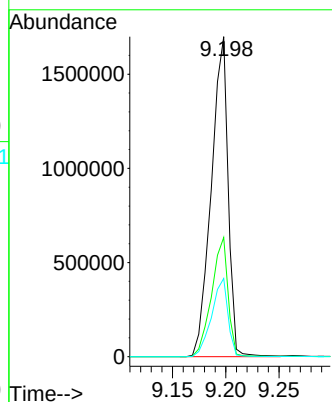
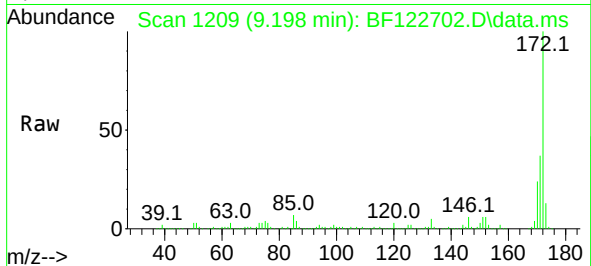




#45
2-Fluorobiphenyl
Concen: 78.71 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

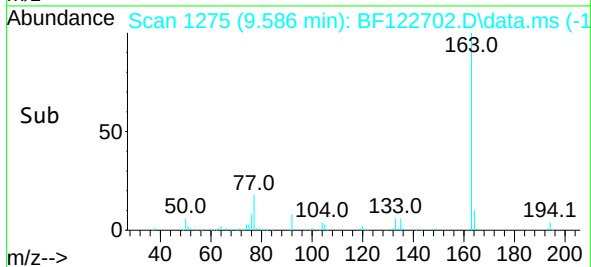
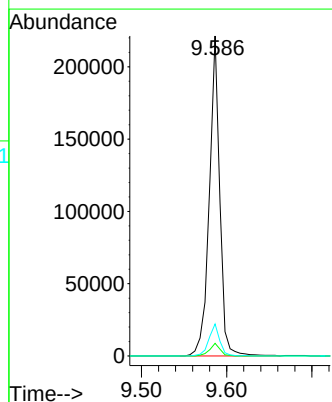
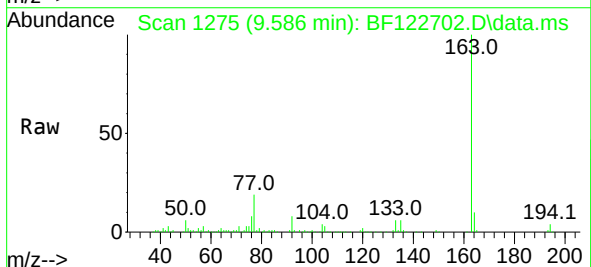
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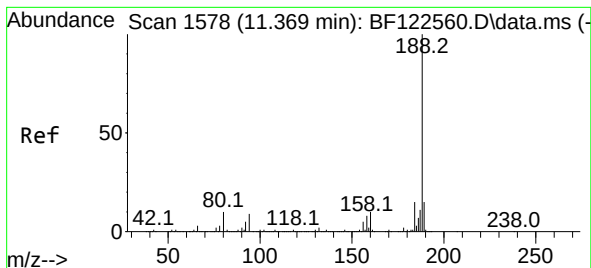
Tgt Ion:172 Resp: 1866885
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.5 19.5 29.3



#50
Dimethylphthalate
Concen: 7.37 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

Tgt Ion:163 Resp: 188740
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.0 8.1 12.1

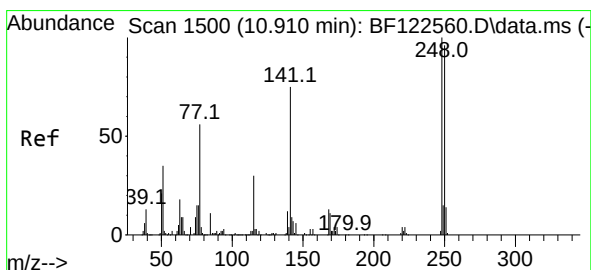
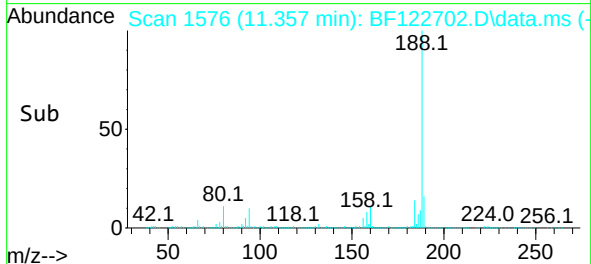
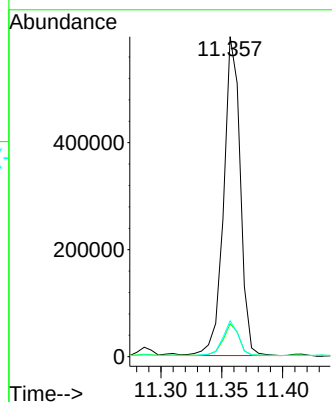
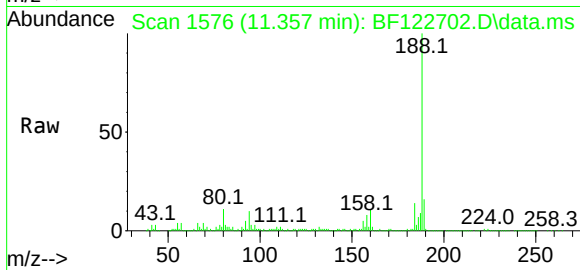




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

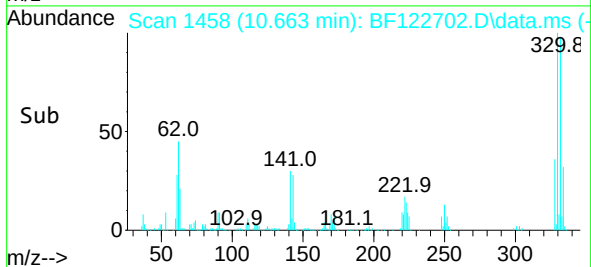
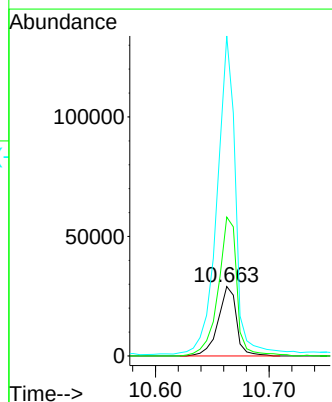
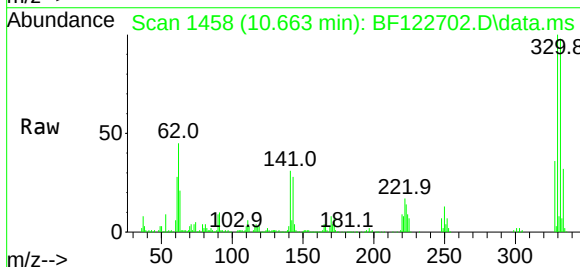
Instrument :
BNA_F
ClientSampleId :
TR1-A-D-COMP

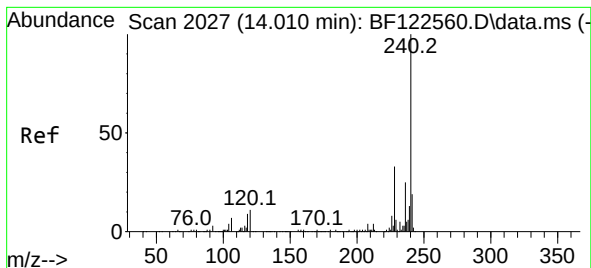
Tgt Ion:188 Resp: 565680
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122702.D
Acq: 14 Dec 2020 13:11

Tgt Ion:248 Resp: 32808
Ion Ratio Lower Upper
248 100
250 199.9 76.8 115.2#
141 460.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF122702.D

Acq: 14 Dec 2020 13:11

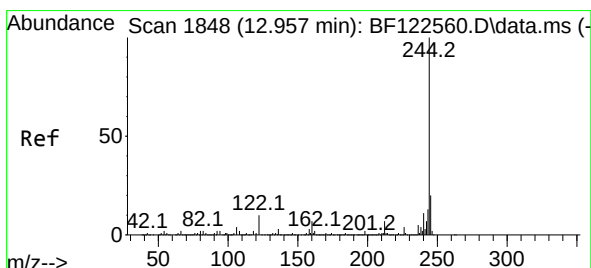
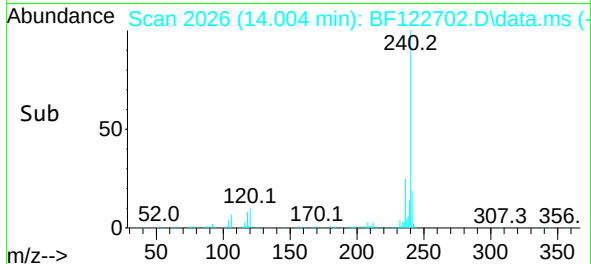
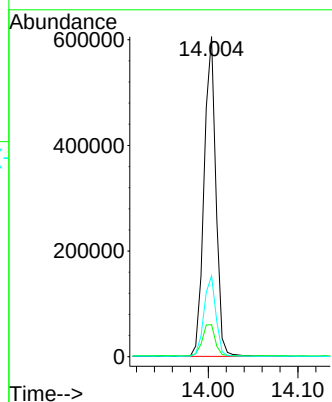
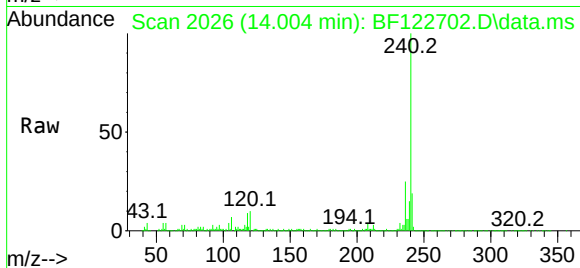
Tgt Ion:240 Resp: 551259

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.3 20.3 30.5



#79

Terphenyl-d14

Concen: 71.48 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF122702.D

Acq: 14 Dec 2020 13:11

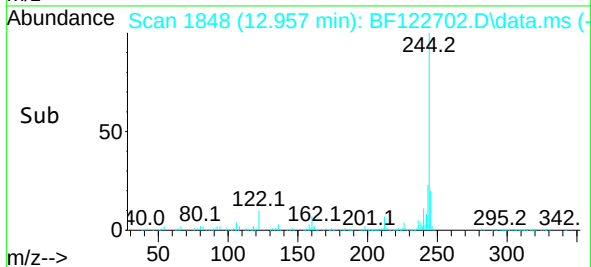
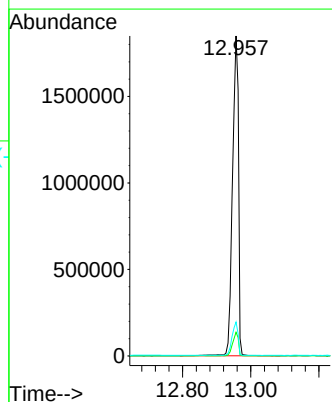
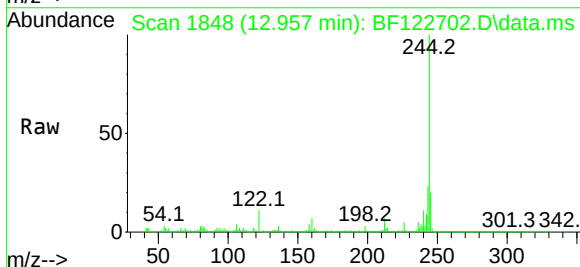
Tgt Ion:244 Resp: 2251070

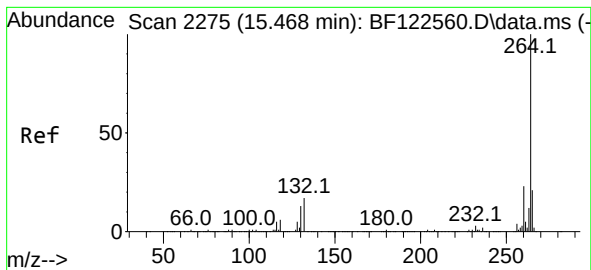
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

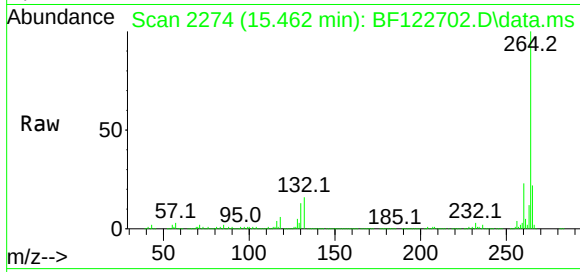
122 10.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122702.D
 Acq: 14 Dec 2020 13:11

Instrument :
 BNA_F
 ClientSampleId :
 TR1-A-D-COMP



Tgt Ion:264 Resp: 524076
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.6 17.0 25.6

