

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122588.D
 Acq On : 8 Dec 2020 15:07
 Operator : JU/CG
 Sample : L4970-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4S2-A-D-COMP

Quant Time: Dec 08 15:34:55 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)

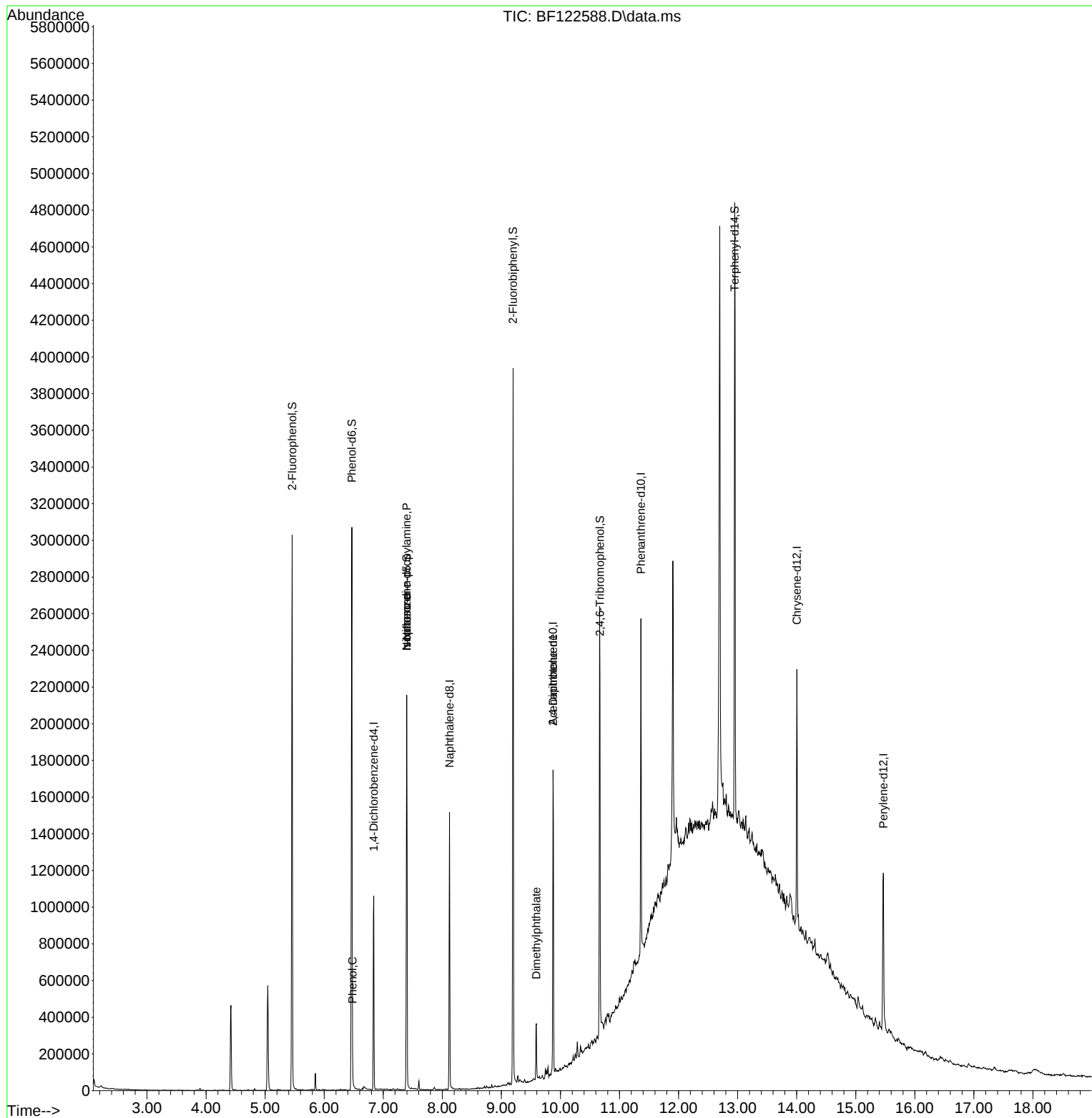
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	159933	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	630860	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	339421	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	622436	20.00	ng	0.00
76) Chrysene-d12	14.004	240	478172	20.00	ng	0.00
86) Perylene-d12	15.468	264	444500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	853181	84.46	ng	0.00
7) Phenol-d6	6.469	99	1078923	80.53	ng	-0.01
23) Nitrobenzene-d5	7.398	82	665992	52.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	324554	73.05	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1165203	46.43	ng	0.00
79) Terphenyl-d14	12.951	244	1190965	43.60	ng	0.00
Target Compounds						
10) Phenol	6.481	94	44265	3.19	ng	Qvalue 85
19) n-Nitroso-di-n-propyla...	7.398	70	88472	11.53	ng	# 78
25) Isophorone	7.398	82	659218	30.40	ng	# 65
50) Dimethylphthalate	9.592	163	121972	4.50	ng	100
57) 2,4-Dinitrotoluene	9.875	165	46107	6.05	ng	# 25

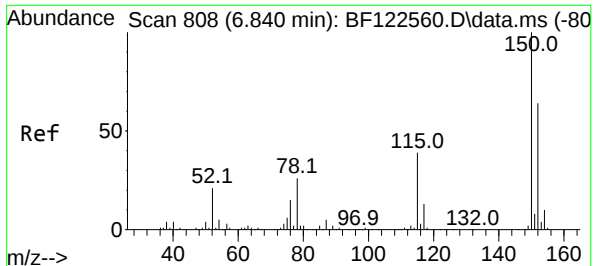
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 08 15:34:55 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

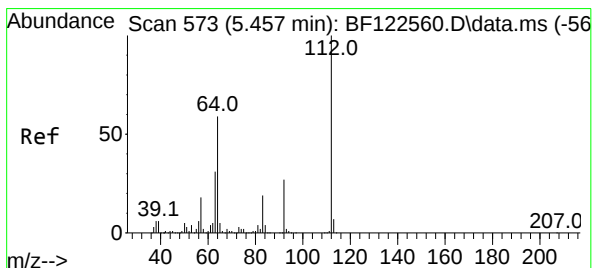
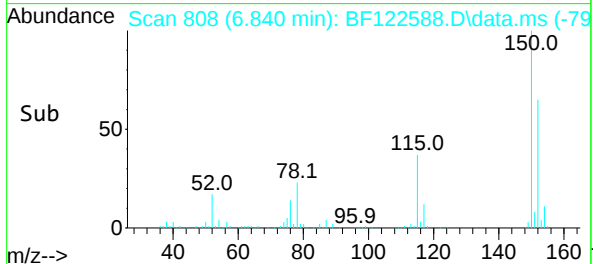
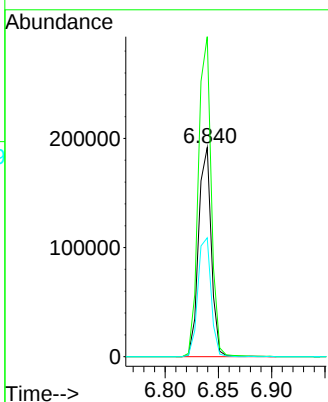
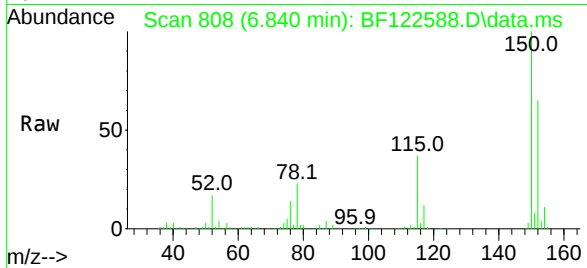




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

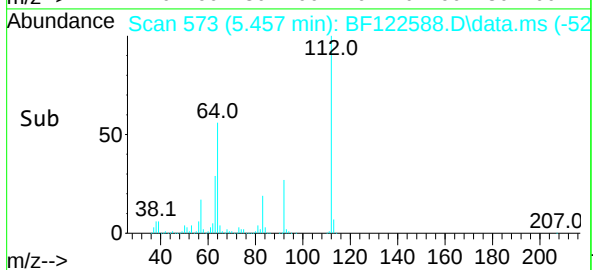
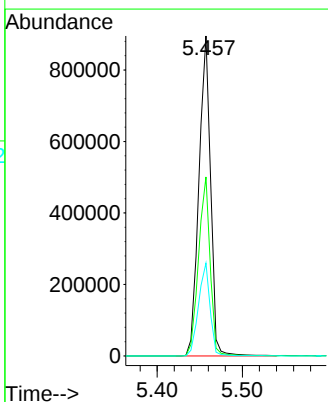
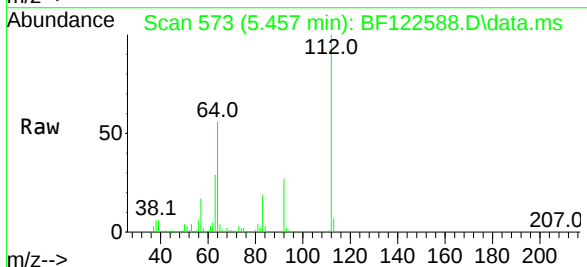
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

Tgt Ion:152 Resp: 159933
Ion Ratio Lower Upper
152 100
150 153.0 125.8 188.6
115 56.9 49.3 73.9



#5
2-Fluorophenol
Concen: 84.46 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

Tgt Ion:112 Resp: 853181
Ion Ratio Lower Upper
112 100
64 55.9 46.9 70.3
63 29.0 24.5 36.7



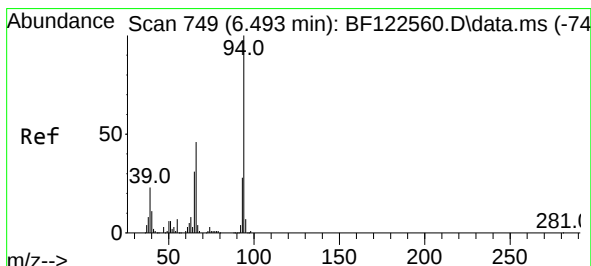
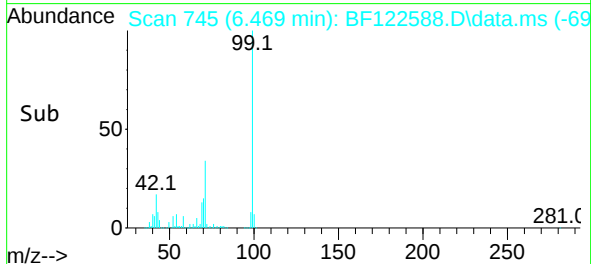
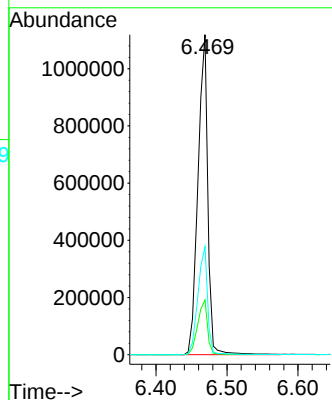
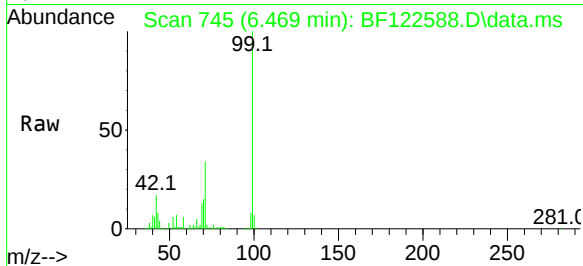


#7
Phenol-d6
Concen: 80.53 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

Tgt Ion: 99 Resp: 1078923

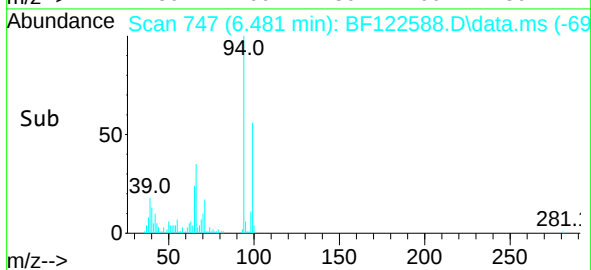
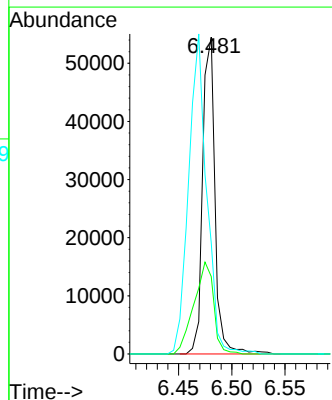
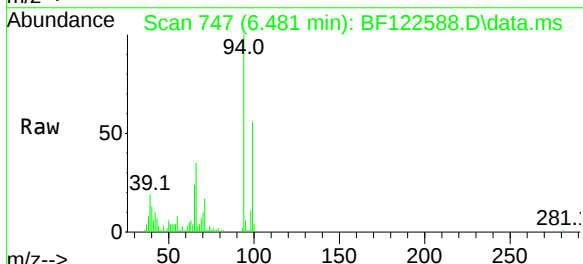
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	33.7	26.9	40.3

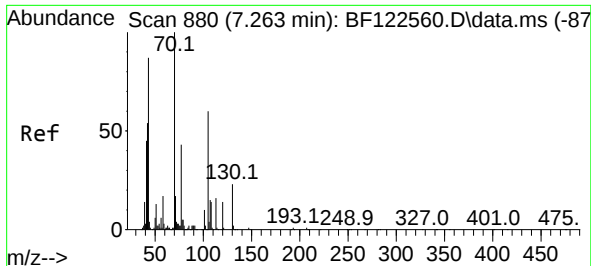


#10
Phenol
Concen: 3.19 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

Tgt Ion: 94 Resp: 44265

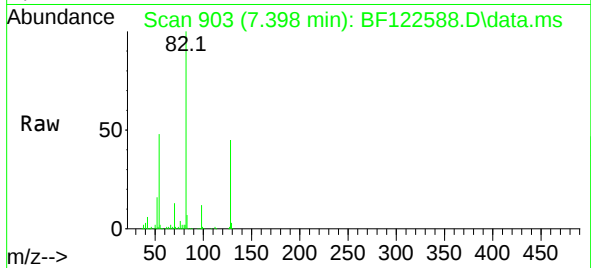
Ion	Ratio	Lower	Upper
94	100		
65	24.5	11.2	51.2
66	35.1	25.8	65.8



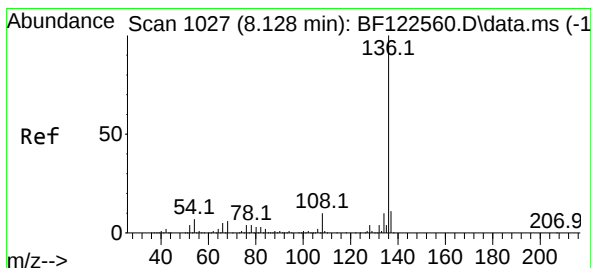
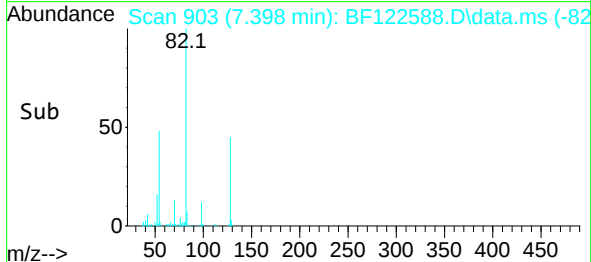
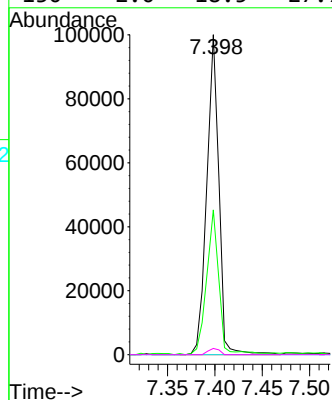


#19
n-Nitroso-di-n-propylamine
Concen: 11.53 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

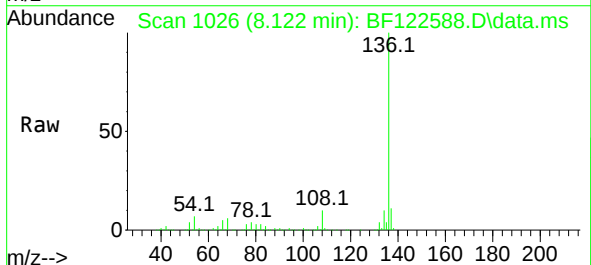
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP



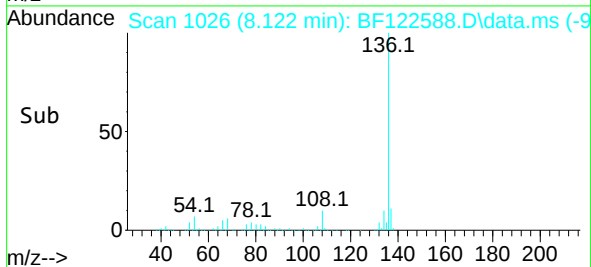
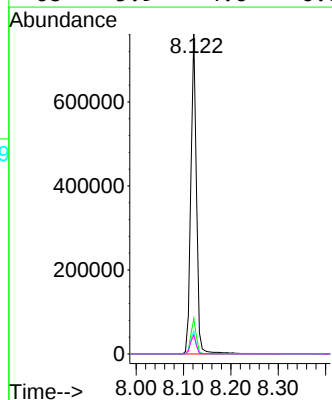
Tgt Ion: 70 Resp: 88472
Ion Ratio Lower Upper
70 100
42 45.2 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

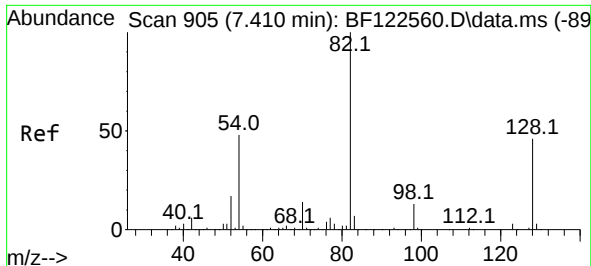


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07



Tgt Ion: 136 Resp: 630860
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 5.5 8.3
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 52.89 ng

RT: 7.398 min Scan# 903

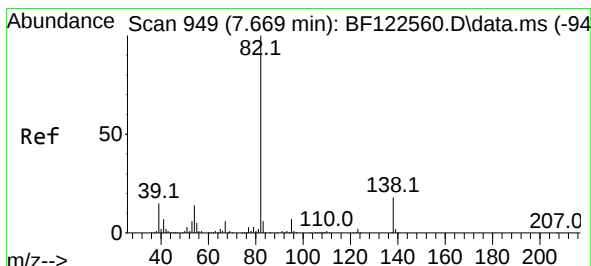
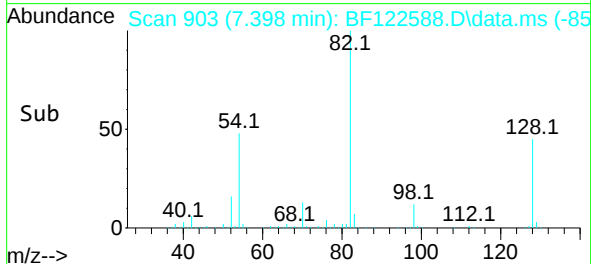
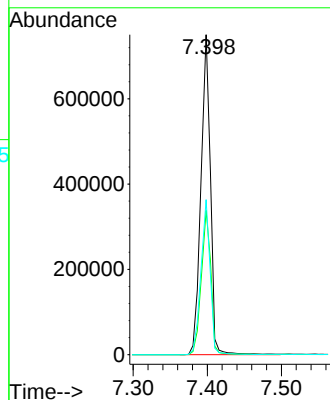
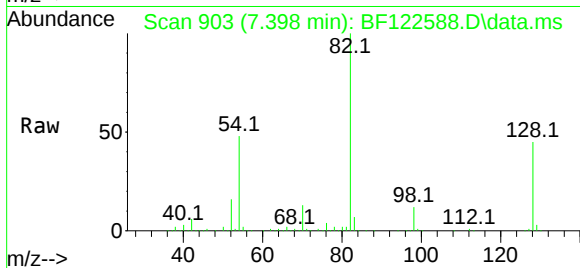
Delta R.T. -0.012 min

Lab File: BF122588.D

Acq: 8 Dec 2020 15:07

Tgt Ion: 82 Resp: 665992

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.0	55.4
54	48.5	38.4	57.6



#25

Isophorone

Concen: 30.40 ng

RT: 7.398 min Scan# 903

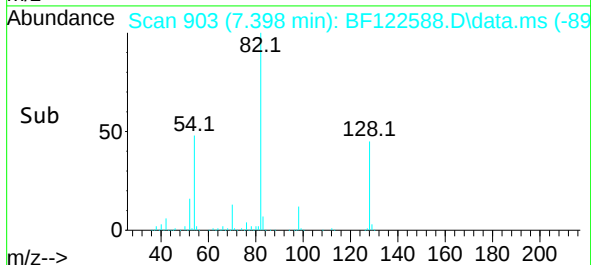
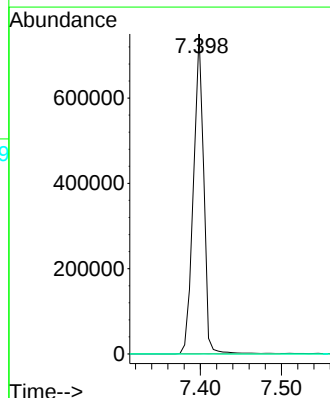
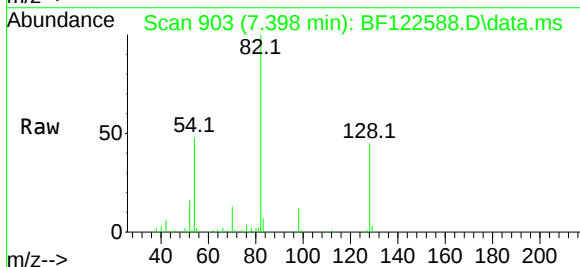
Delta R.T. -0.271 min

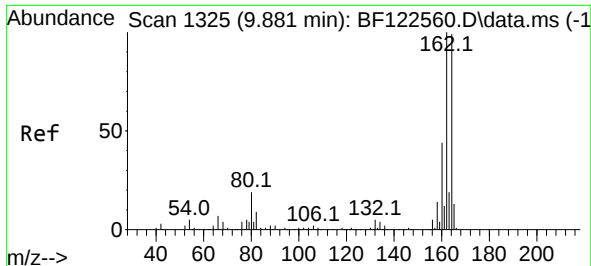
Lab File: BF122588.D

Acq: 8 Dec 2020 15:07

Tgt Ion: 82 Resp: 659218

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

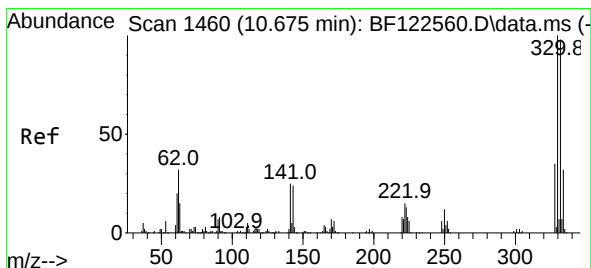
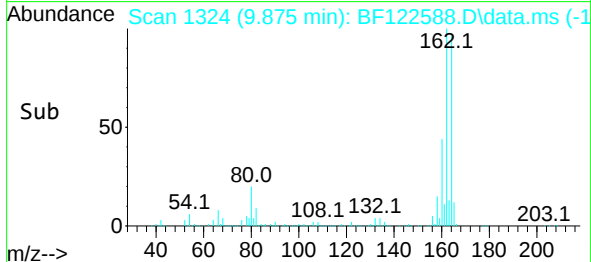
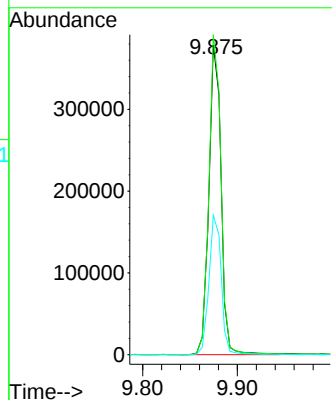
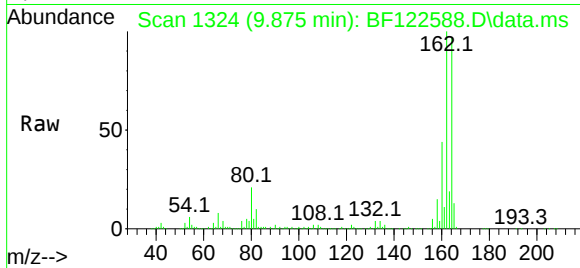




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

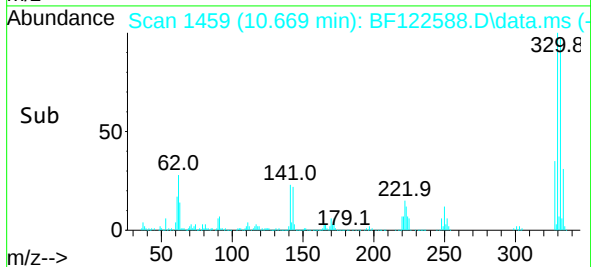
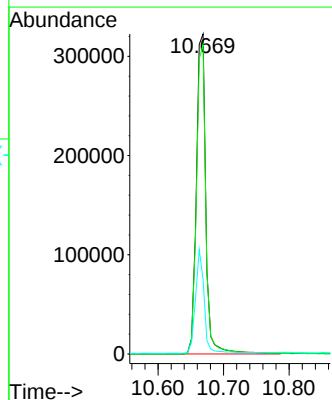
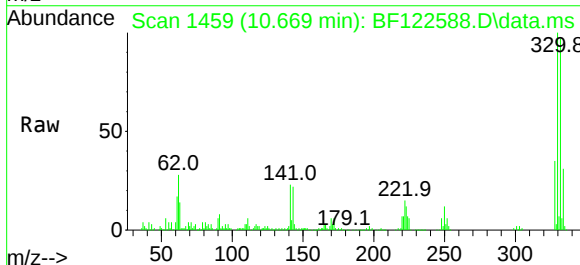
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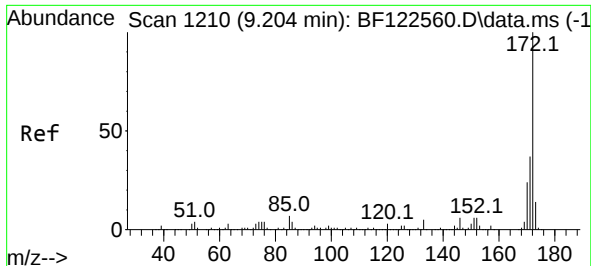
Tgt Ion:164 Resp: 339421
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 73.05 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

Tgt Ion:330 Resp: 324554
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 30.4 23.8 35.8

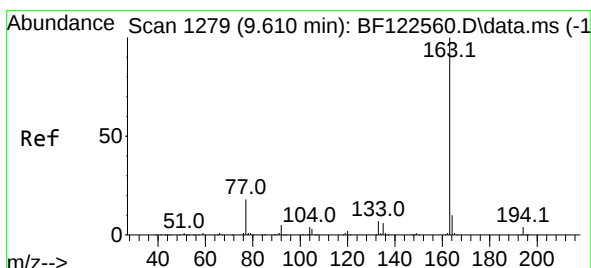
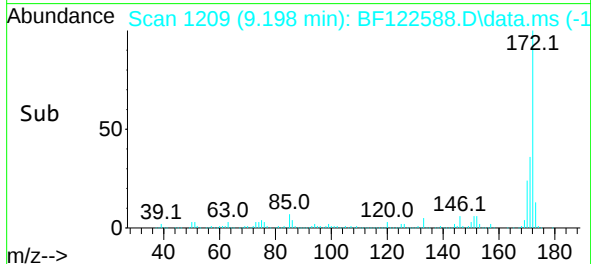
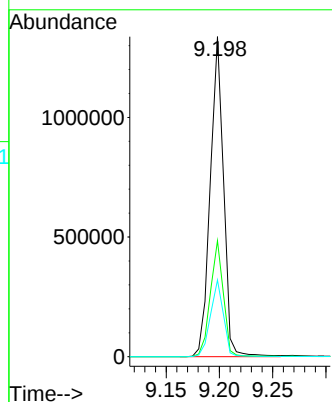
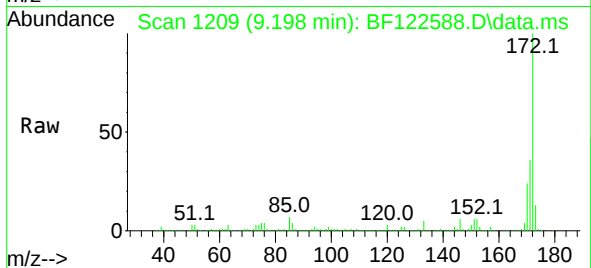




#45
2-Fluorobiphenyl
Concen: 46.43 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

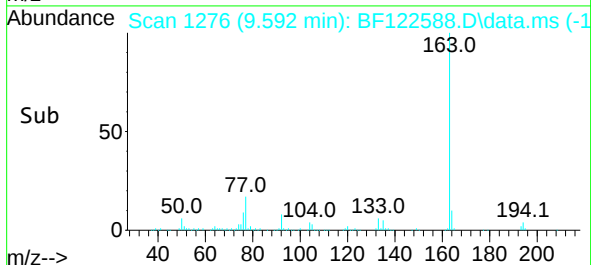
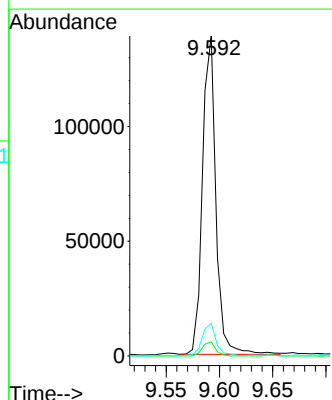
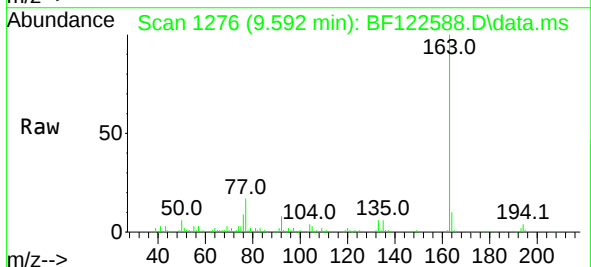
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4S2-A-D-COMP

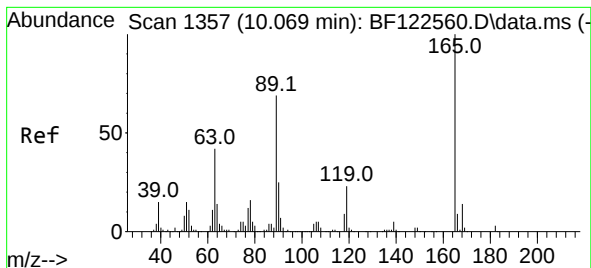
Tgt Ion:172 Resp: 1165203
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 4.50 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

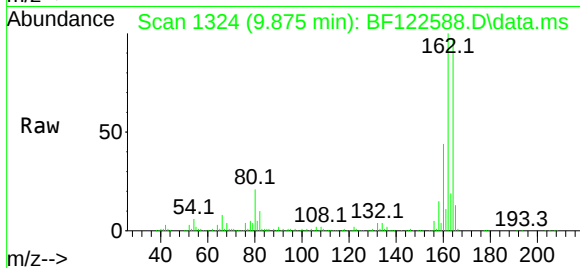
Tgt Ion:163 Resp: 121972
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.2 8.1 12.1



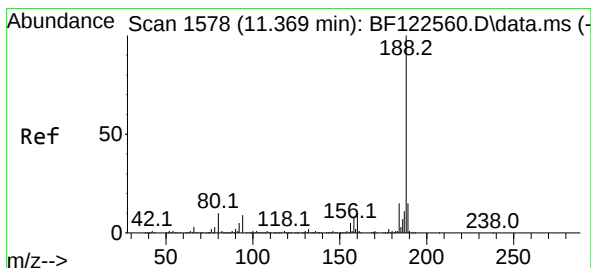
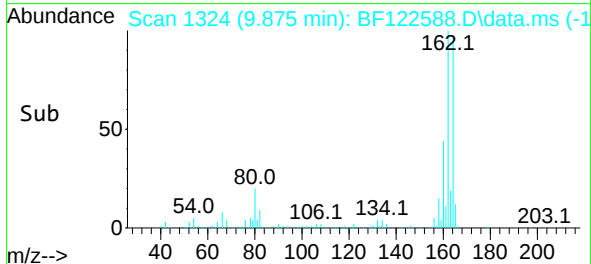
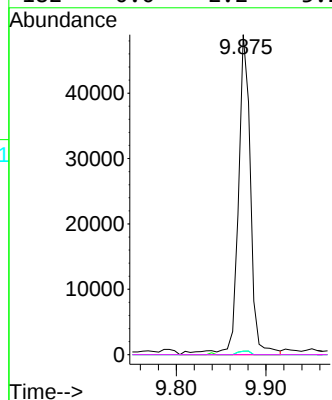


#57
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

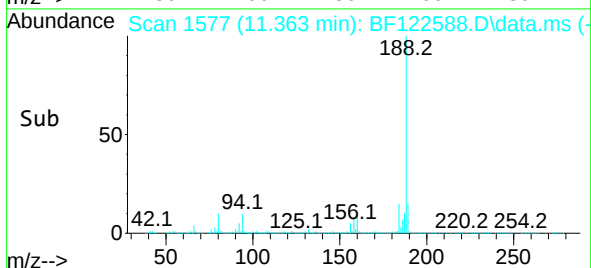
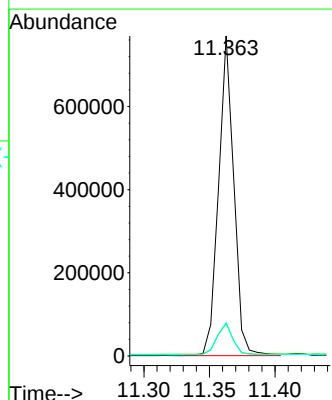
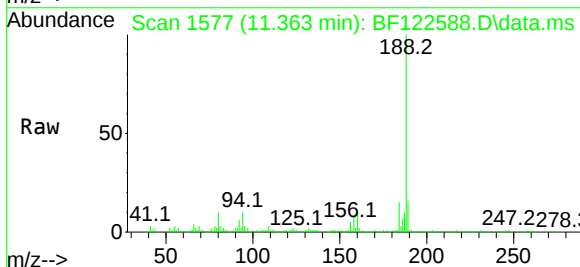


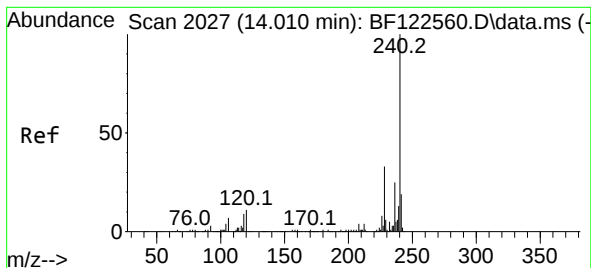
Tgt Ion:165 Resp: 46107
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122588.D
Acq: 8 Dec 2020 15:07

Tgt Ion:188 Resp: 622436
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.4 8.2 12.4





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF122588.D

Acq: 8 Dec 2020 15:07

Tgt Ion:240 Resp: 478172

Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

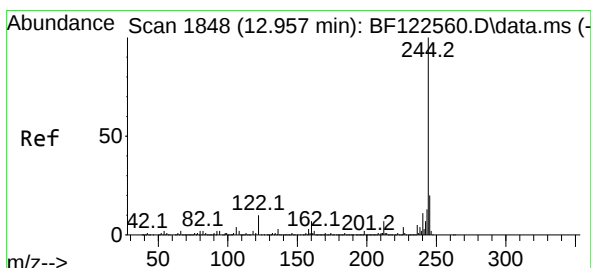
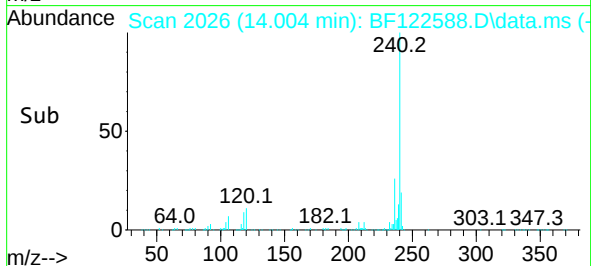
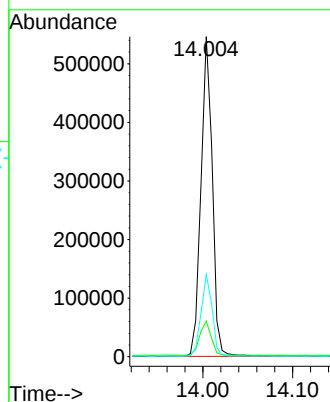
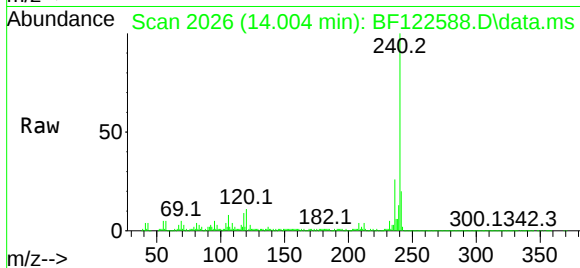
236 25.8 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

4S2-A-D-COMP



#79

Terphenyl-d14

Concen: 43.60 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF122588.D

Acq: 8 Dec 2020 15:07

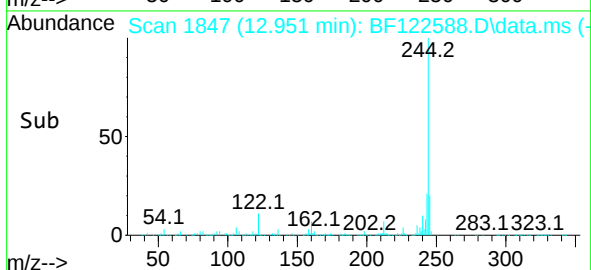
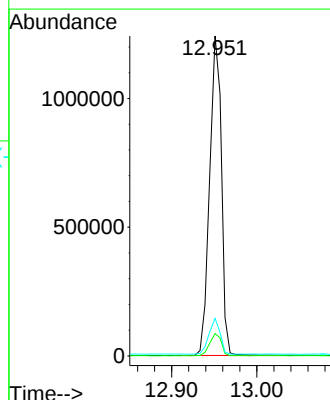
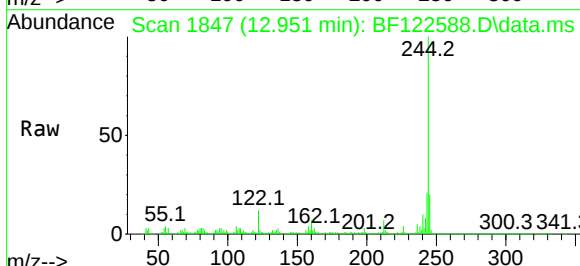
Tgt Ion:244 Resp: 1190965

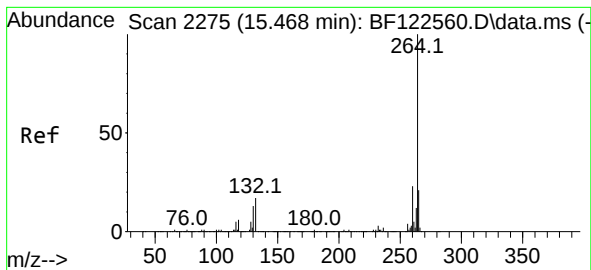
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

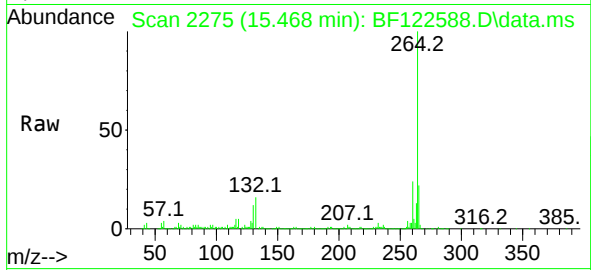
122 11.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF122588.D
 Acq: 8 Dec 2020 15:07

Instrument :
 BNA_F
 ClientSampleId :
 4S2-A-D-COMP



Tgt Ion:	264	Resp:	444500
Ion Ratio	100	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.0	25.6

