

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122156.D
 Acq On : 28 Oct 2020 19:34
 Operator : JU/CG
 Sample : L4528-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24245

Quant Time: Oct 29 00:32:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

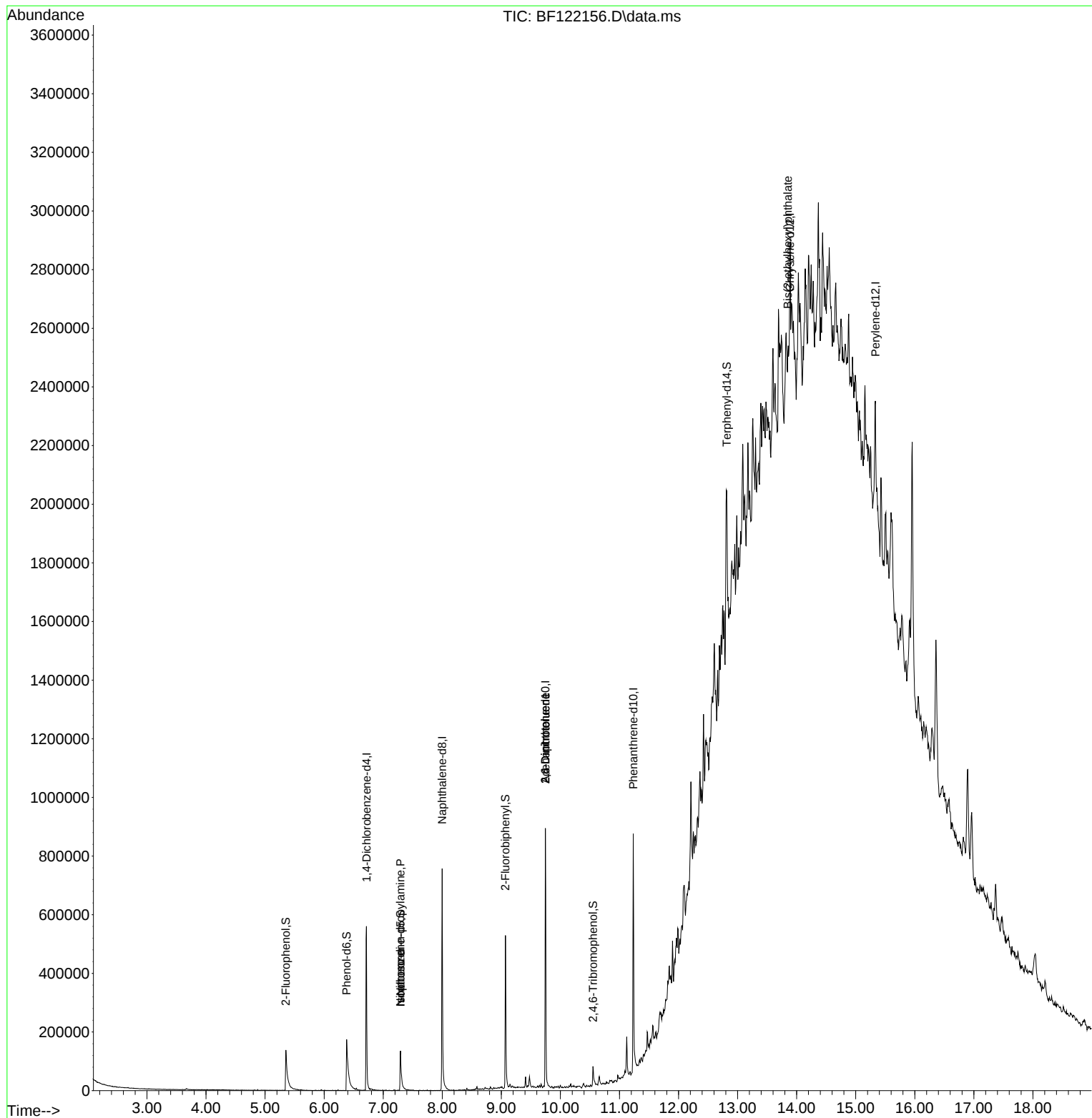
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	92968	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	366202	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	177530	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	289045	20.00	ng	0.00
76) Chrysene-d12	13.886	240	190575	20.00	ng	# 0.00
86) Perylene-d12	15.333	264	216270	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	93046	14.77	ng	0.02
7) Phenol-d6	6.381	99	132879	16.39	ng	0.01
23) Nitrobenzene-d5	7.292	82	80942	11.34	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	12802	5.83	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	171711	14.23	ng	0.00
79) Terphenyl-d14	12.816	244	118510	11.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.292	70	10192	2.21	ng	# 75
25) Isophorone	7.292	82	80942	5.99	ng	# 67
51) 2,6-Dinitrotoluene	9.745	165	23447	8.23	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	23447	6.69	ng	# 20
84) Bis(2-ethylhexyl)phtha...	13.851	149	22215	2.84	ng	# 83

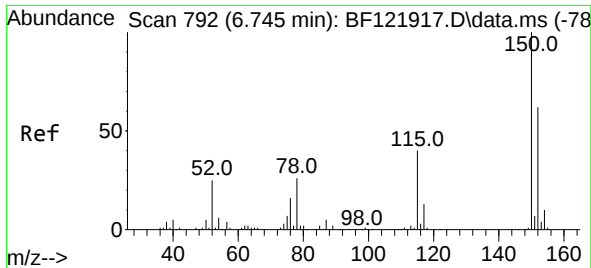
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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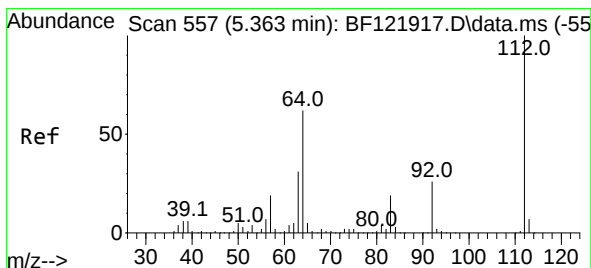
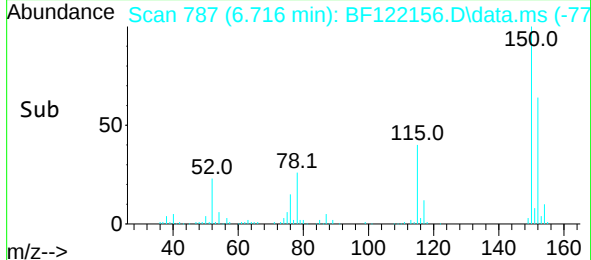
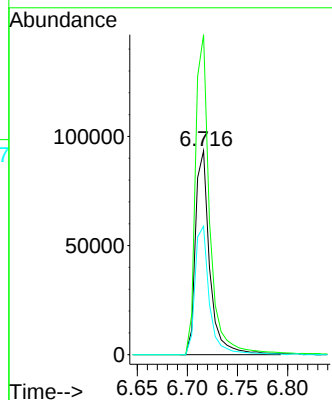
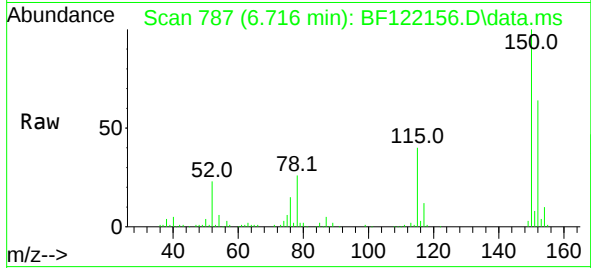




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

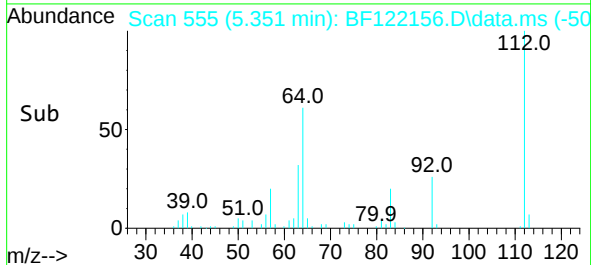
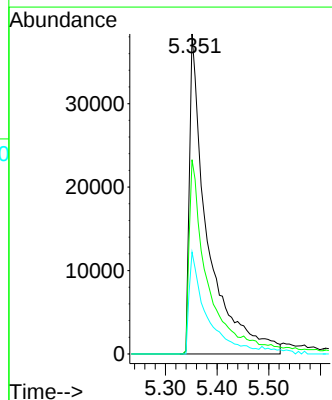
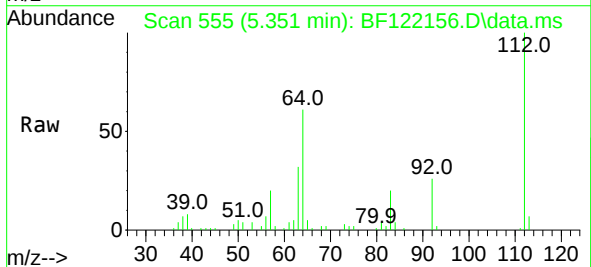
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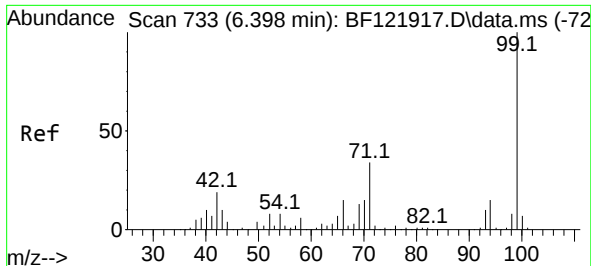
Tgt Ion:152 Resp: 92968
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 63.1 51.9 77.9



#5
2-Fluorophenol
Concen: 14.77 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

Tgt Ion:112 Resp: 93046
Ion Ratio Lower Upper
112 100
64 60.7 50.4 75.6
63 31.8 25.8 38.6

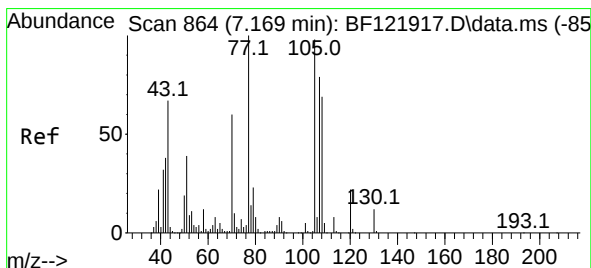
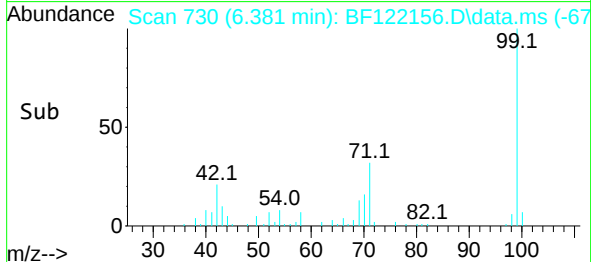
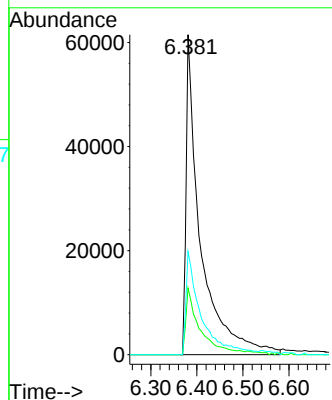
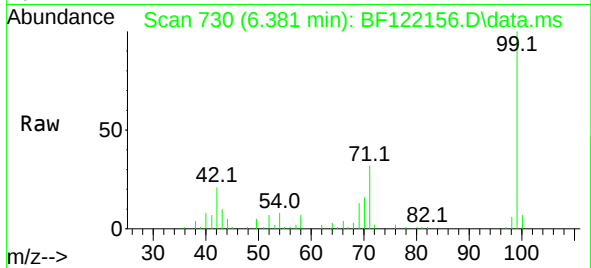




#7
Phenol-d6
Concen: 16.39 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

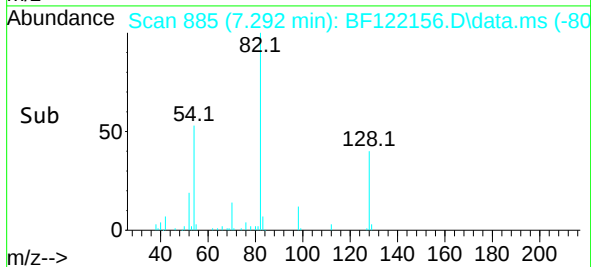
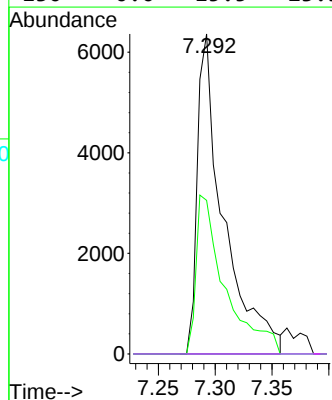
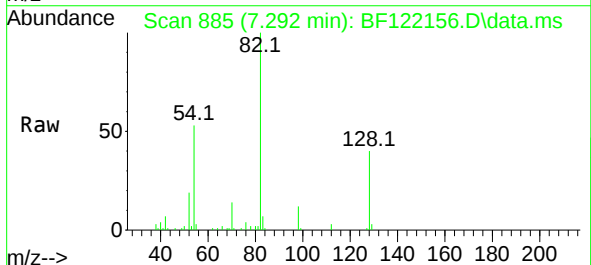
Instrument :
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ClientSampleId :
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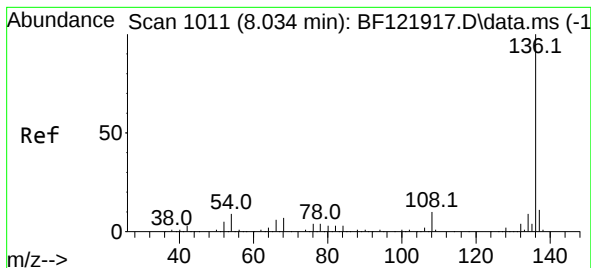
Tgt Ion: 99 Resp: 132879
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 32.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.21 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.153 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

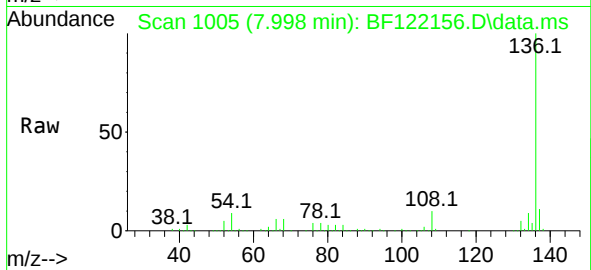
Tgt Ion: 70 Resp: 10192
Ion Ratio Lower Upper
70 100
42 48.0 50.2 75.4#
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#



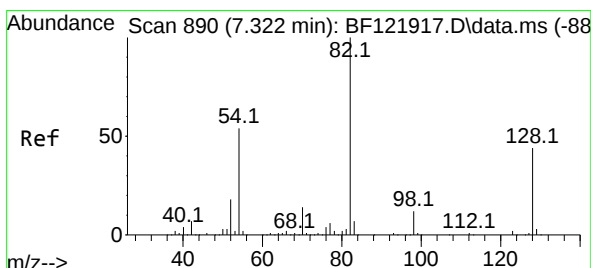
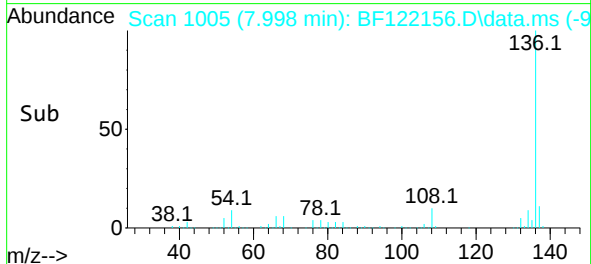
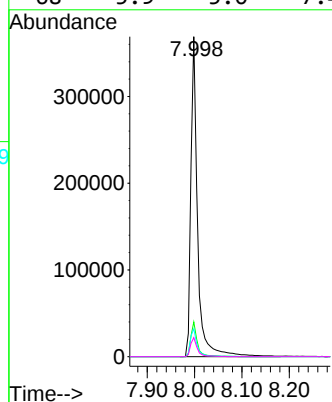


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

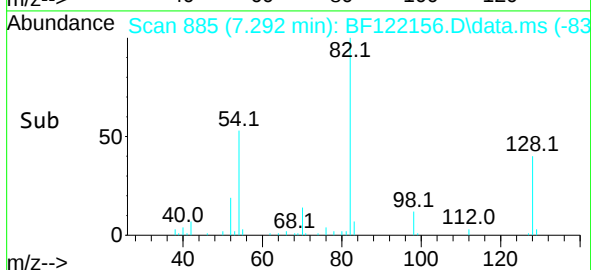
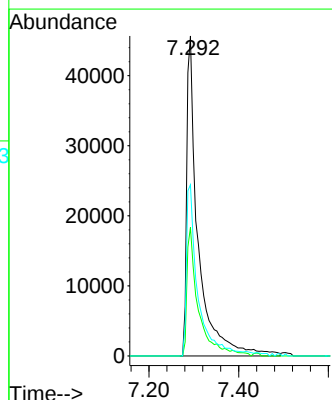
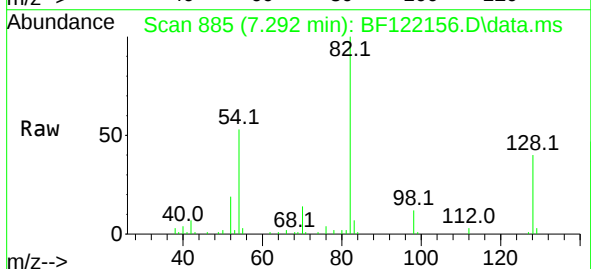


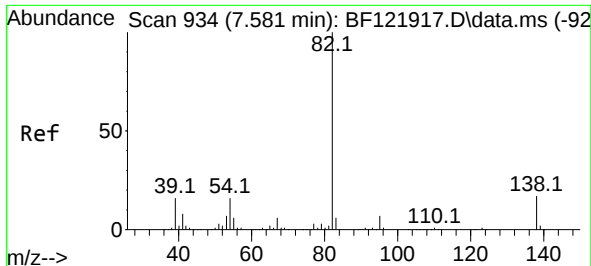
Tgt Ion:136 Resp: 366202
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.1 10.7
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 11.34 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

Tgt Ion: 82 Resp: 80942
Ion Ratio Lower Upper
82 100
128 40.2 35.0 52.4
54 53.5 43.9 65.9

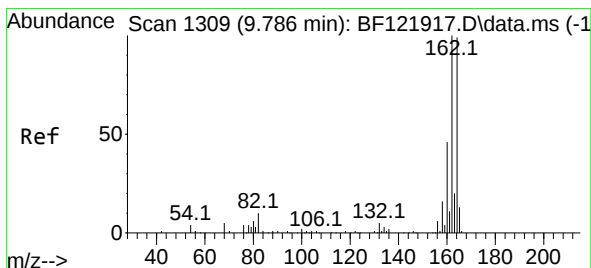
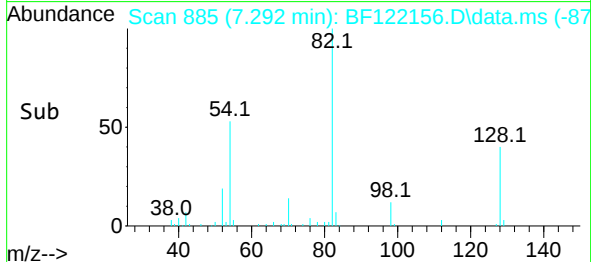
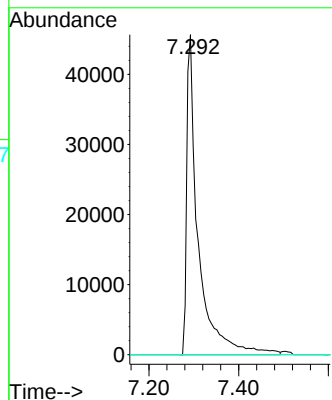
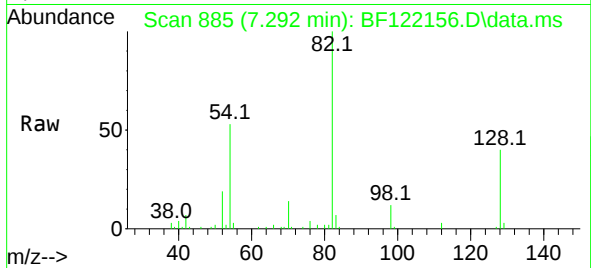




#25
Isophorone
Concen: 5.99 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.253 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

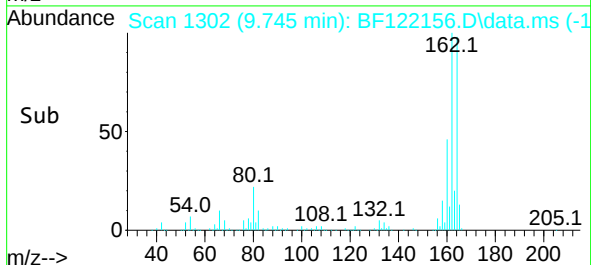
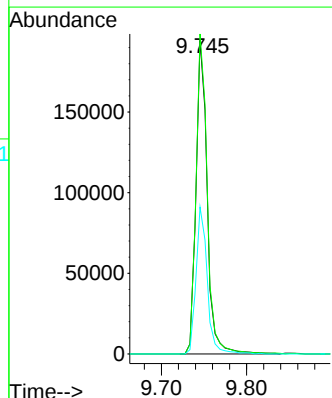
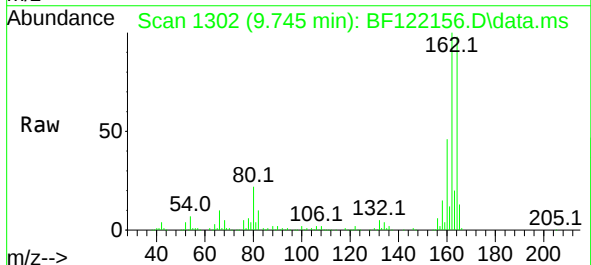
Instrument :
BNA_F
ClientSampleId :
CHRT-24245

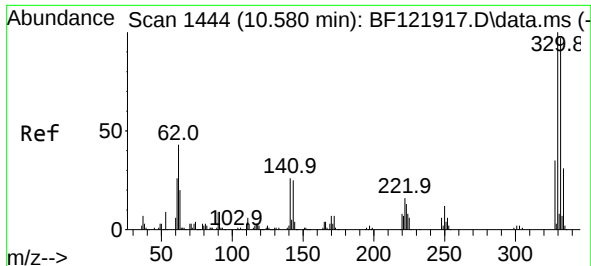
Tgt Ion: 82 Resp: 80942
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

Tgt Ion: 164 Resp: 177530
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 46.8 37.5 56.3

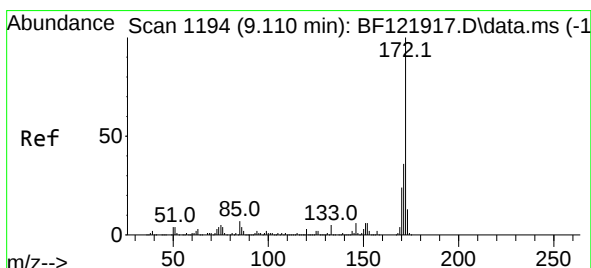
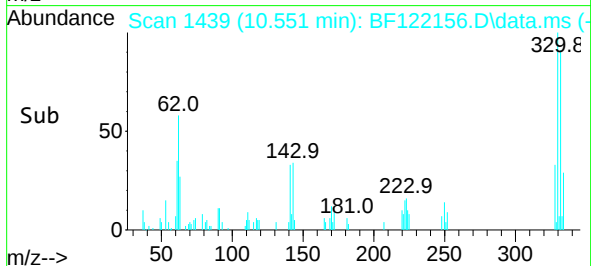
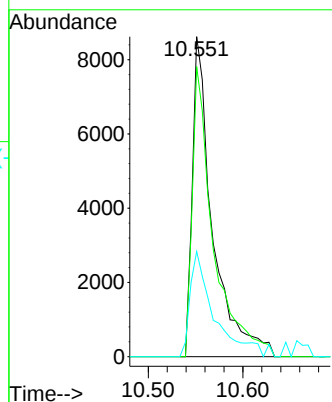
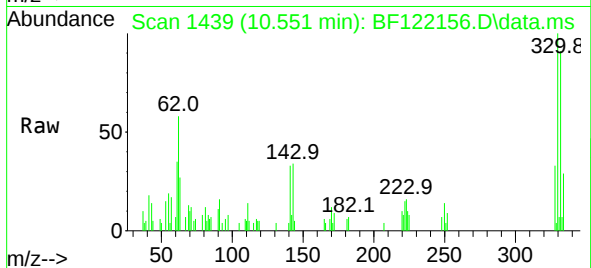




#42
2,4,6-Tribromophenol
Concen: 5.83 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

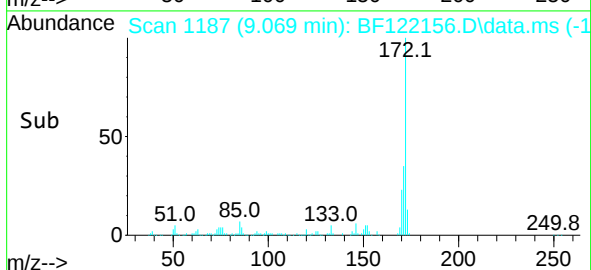
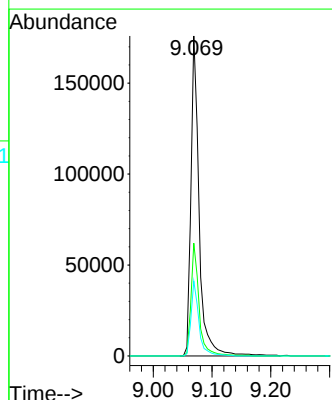
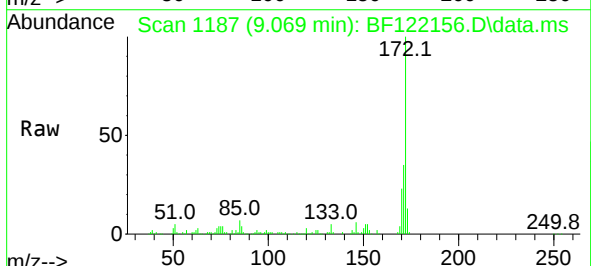
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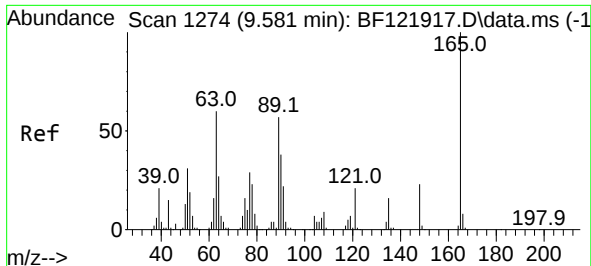
Tgt Ion:330 Resp: 12802
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 39.5 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 14.23 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

Tgt Ion:172 Resp: 171711
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.4 19.8 29.6

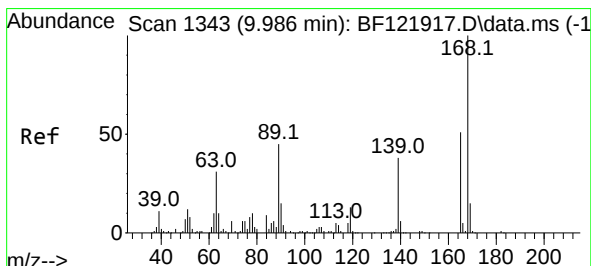
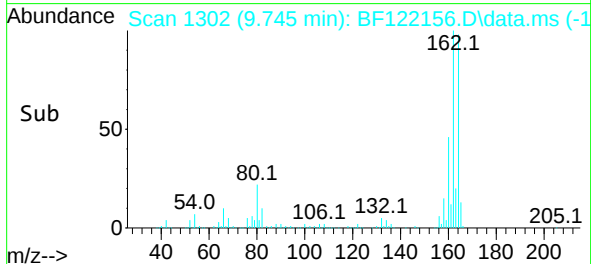
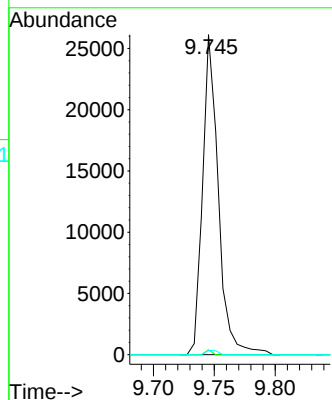
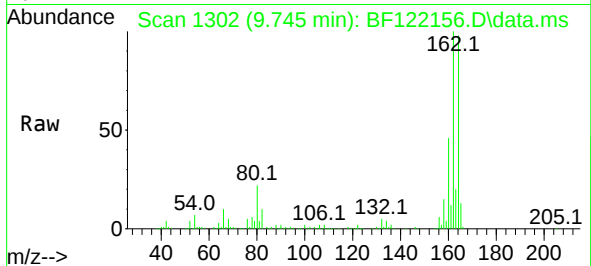




#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

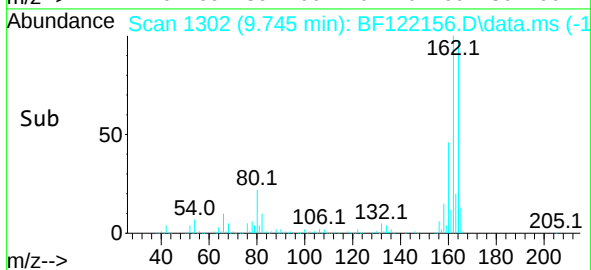
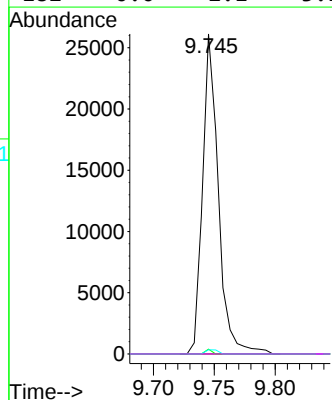
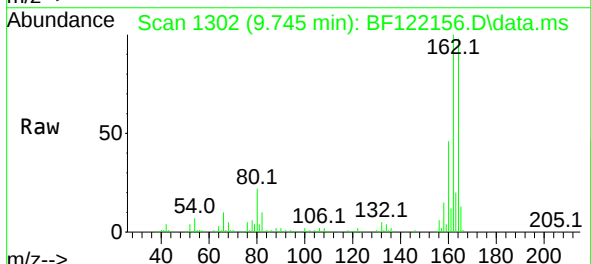
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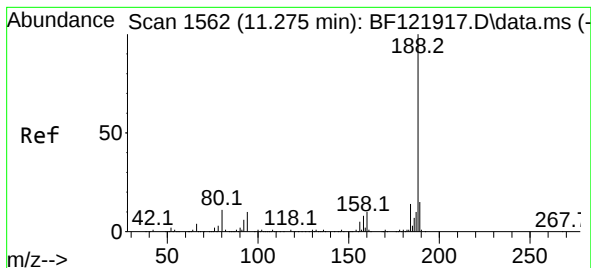
Tgt Ion:165 Resp: 23447
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

Tgt Ion:165 Resp: 23447
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

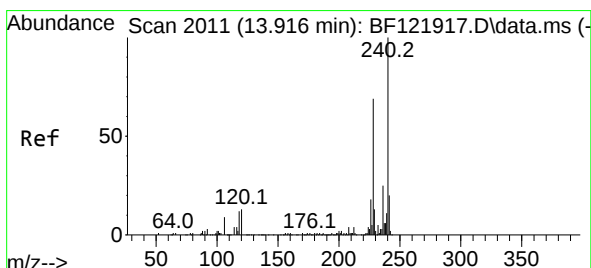
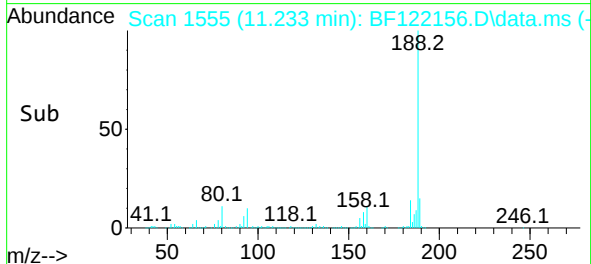
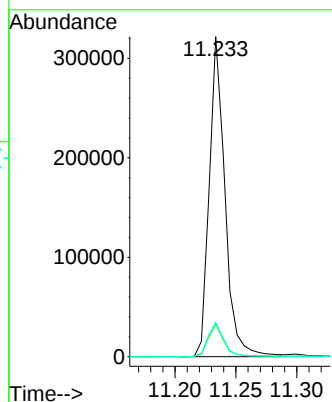
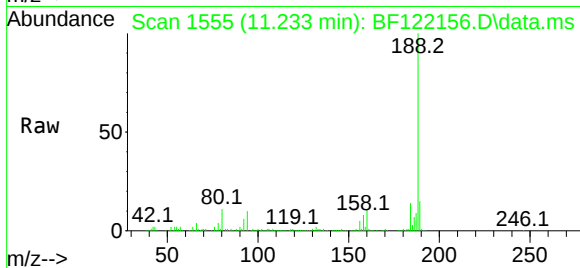




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

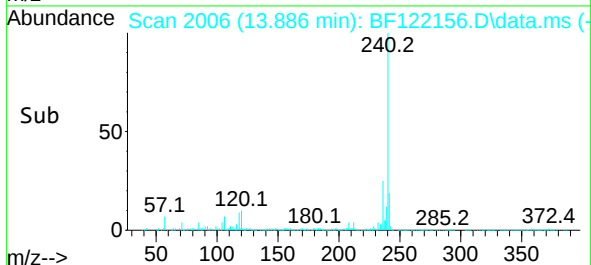
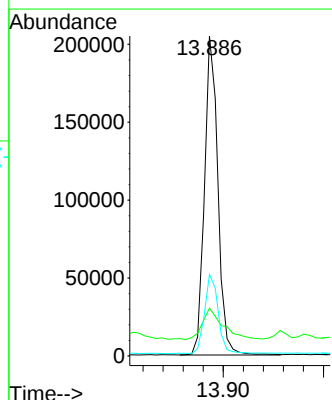
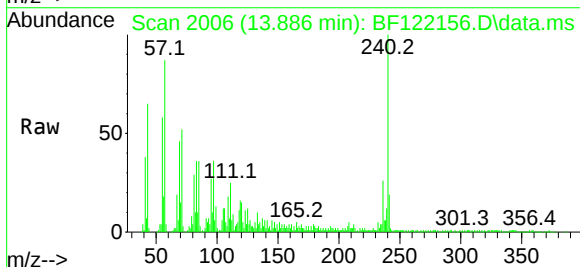
Instrument :
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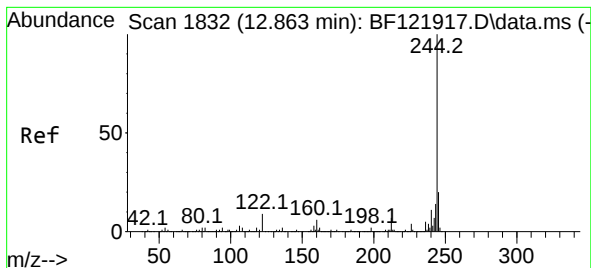
Tgt Ion:188 Resp: 289045
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.8 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122156.D
Acq: 28 Oct 2020 19:34

Tgt Ion:240 Resp: 190575
Ion Ratio Lower Upper
240 100
120 15.0 9.2 13.8#
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 11.85 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF122156.D

Acq: 28 Oct 2020 19:34

Tgt Ion:244 Resp: 118510

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

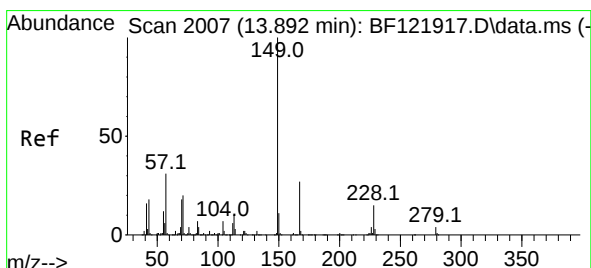
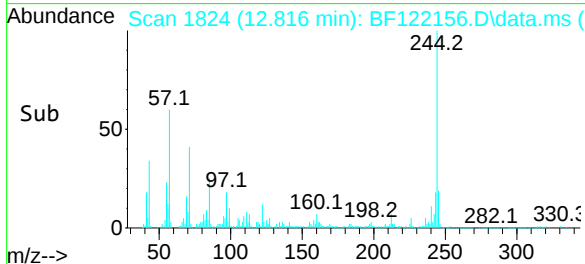
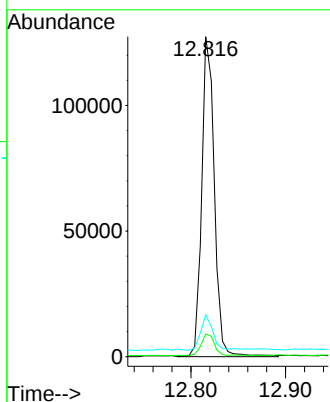
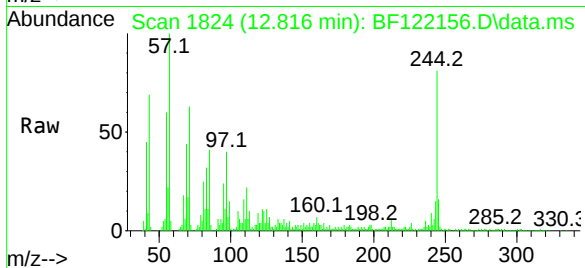
122 13.1 8.1 12.1#

Instrument :

BNA_F

ClientSampleId :

CHRT-24245



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.84 ng

RT: 13.851 min Scan# 2000

Delta R.T. 0.006 min

Lab File: BF122156.D

Acq: 28 Oct 2020 19:34

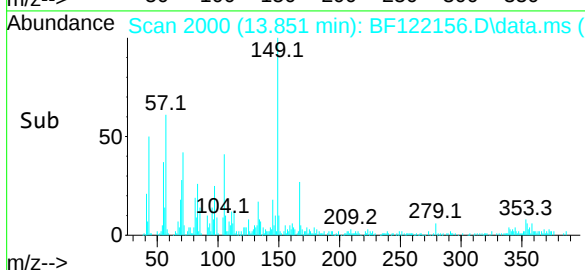
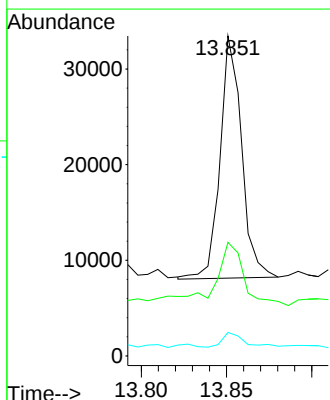
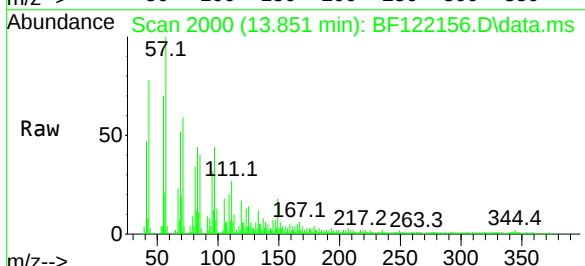
Tgt Ion:149 Resp: 22215

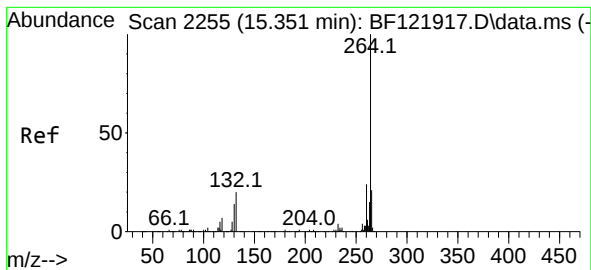
Ion Ratio Lower Upper

149 100

167 35.5 20.9 31.3#

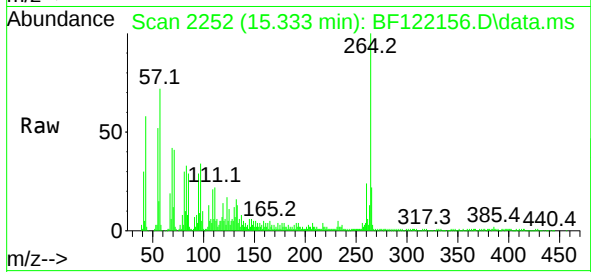
279 7.3 3.2 4.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. 0.029 min
 Lab File: BF122156.D
 Acq: 28 Oct 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24245



Tgt Ion:264 Resp: 216270

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.3	25.9

