

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122846.D
 Acq On : 23 Dec 2020 22:43
 Operator : JU/CG
 Sample : L5179-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24743

Quant Time: Dec 24 03:00:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

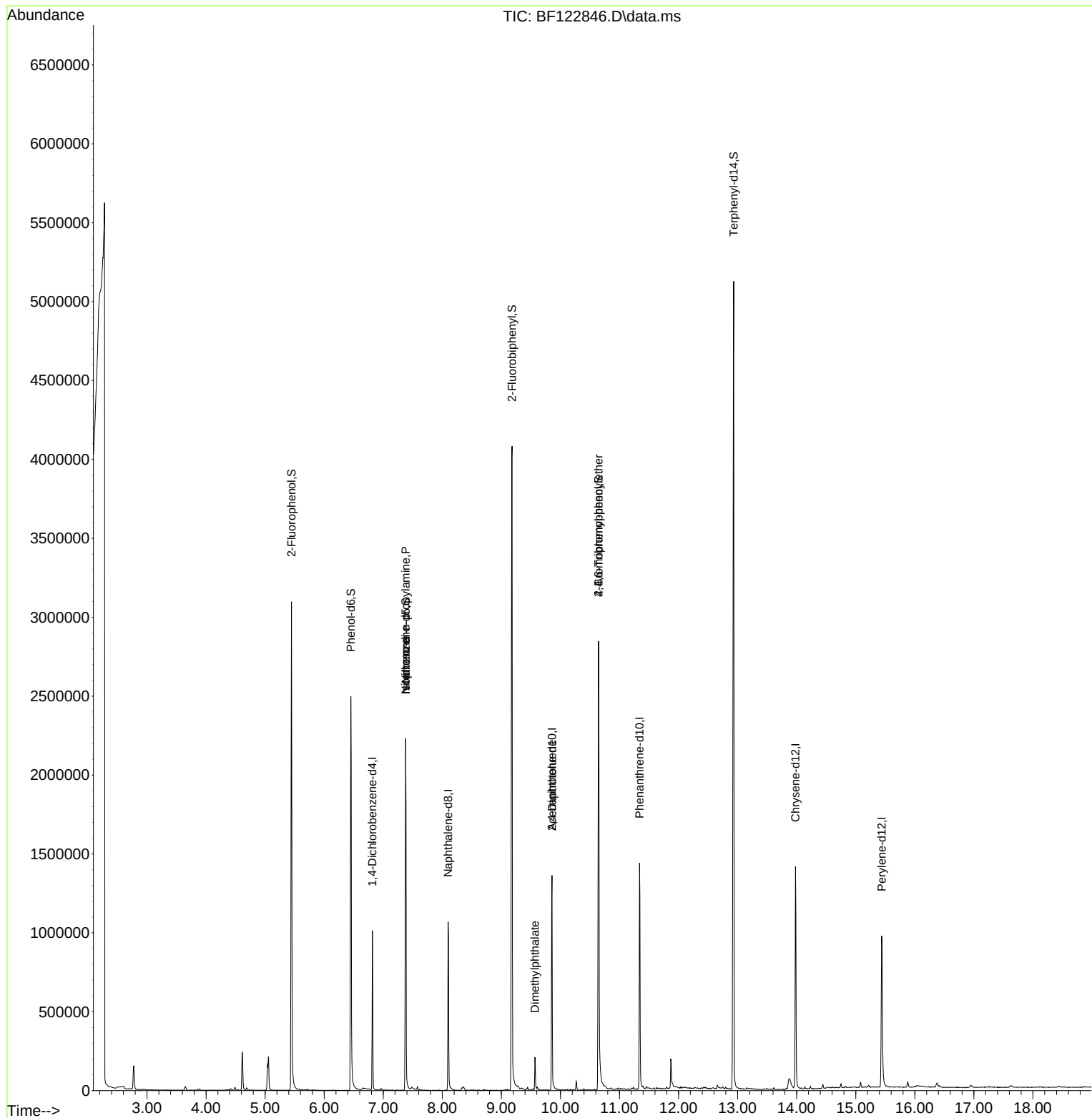
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	143460	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	544302	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	298026	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	586339	20.00	ng	0.00
76) Chrysene-d12	13.980	240	552648	20.00	ng	0.00
86) Perylene-d12	15.439	264	532669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	939259	103.65	ng	0.01
7) Phenol-d6	6.451	99	1039595	86.50	ng	0.00
23) Nitrobenzene-d5	7.381	82	801218	73.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	469582	120.37	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1573383	71.41	ng	0.00
79) Terphenyl-d14	12.933	244	1902659	60.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	107681	15.64	ng	Qvalue
25) Isophorone	7.381	82	801210	42.82	ng	# 77
50) Dimethylphthalate	9.569	163	93411	3.92	ng	# 65
57) 2,4-Dinitrotoluene	9.857	165	38277	5.72	ng	# 98
67) 4-Bromophenyl-phenylether	10.645	248	27649	3.48	ng	# 25
						# 1

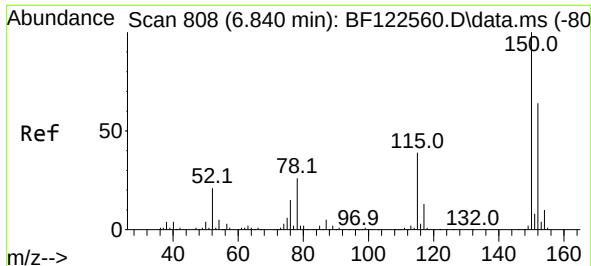
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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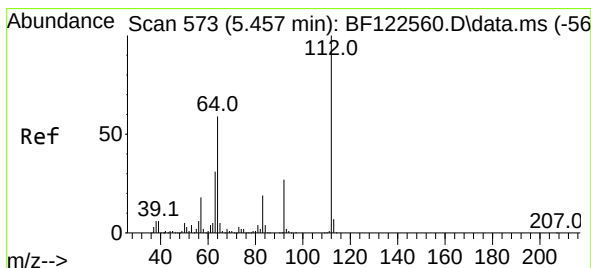
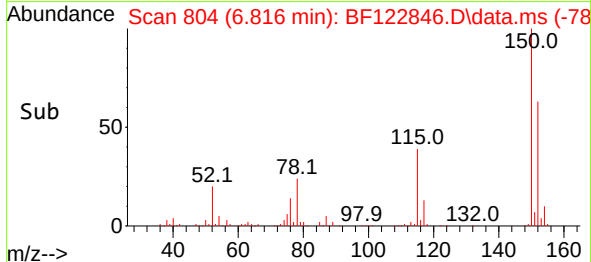
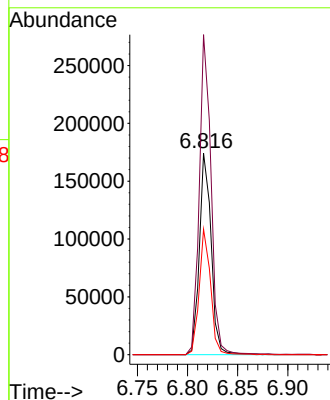
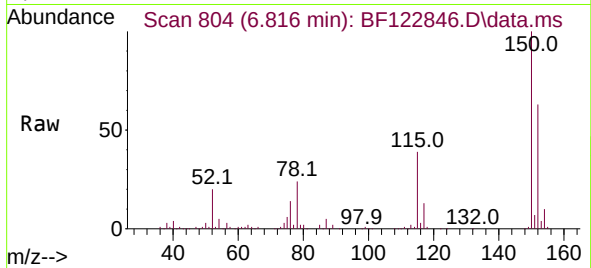




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF122846.D
 Acq: 23 Dec 2020 22:43

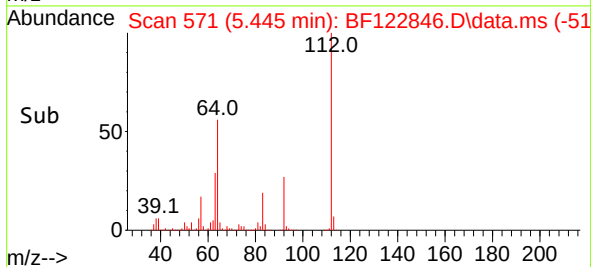
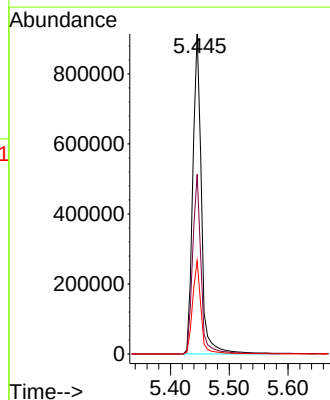
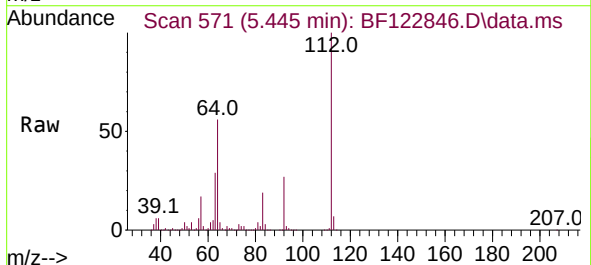
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24743

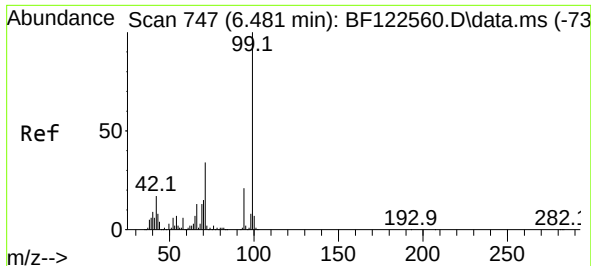
Tgt Ion:152 Resp: 143460
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.8 188.6
 115 62.3 49.3 73.9



#5
 2-Fluorophenol
 Concen: 103.65 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: BF122846.D
 Acq: 23 Dec 2020 22:43

Tgt Ion:112 Resp: 939259
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.9 70.3
 63 29.1 24.5 36.7

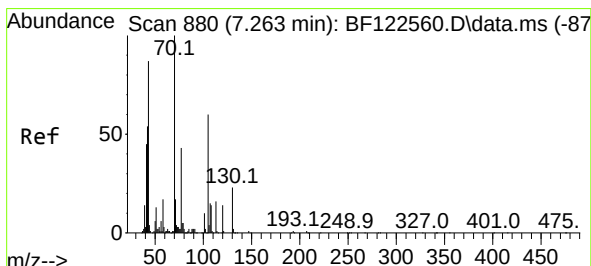
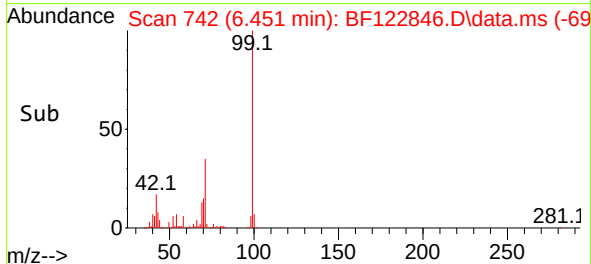
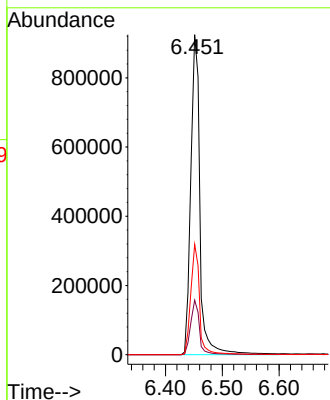
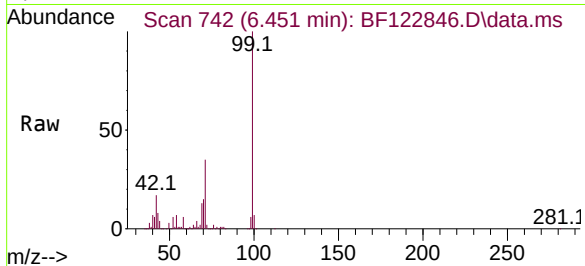




#7
Phenol-d6
Concen: 86.50 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

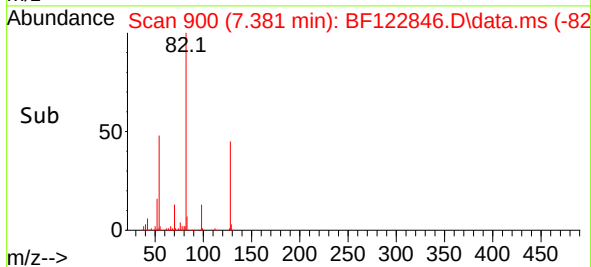
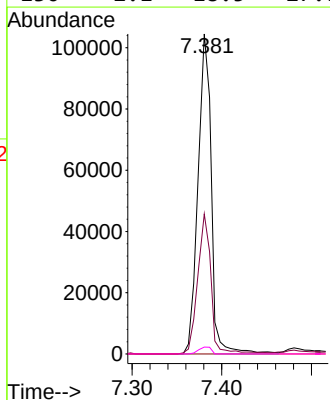
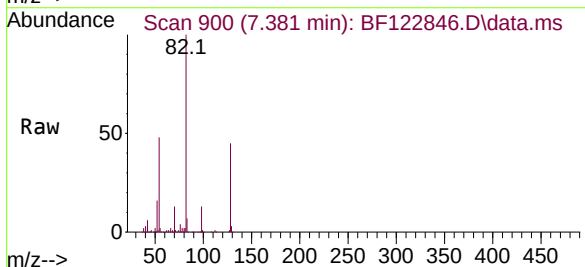
Instrument :
BNA_F
ClientSampleId :
CHRT-24743

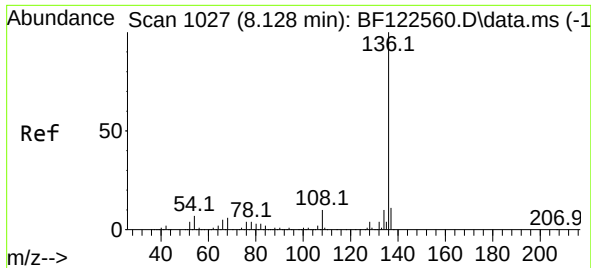
Tgt Ion: 99 Resp: 1039595
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 34.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.64 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

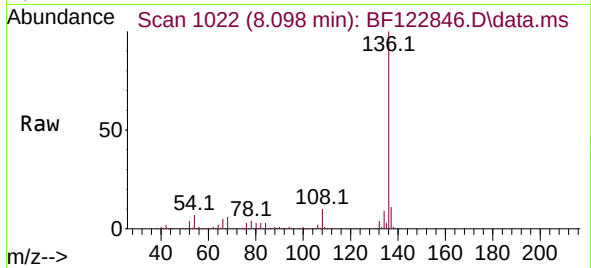
Tgt Ion: 70 Resp: 107681
Ion Ratio Lower Upper
70 100
42 43.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#





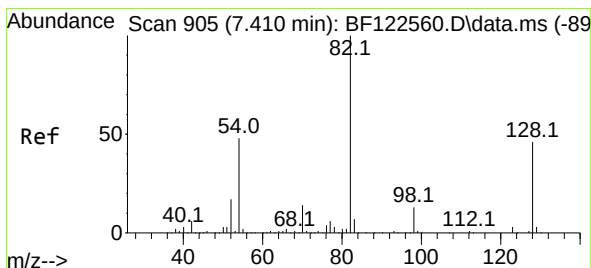
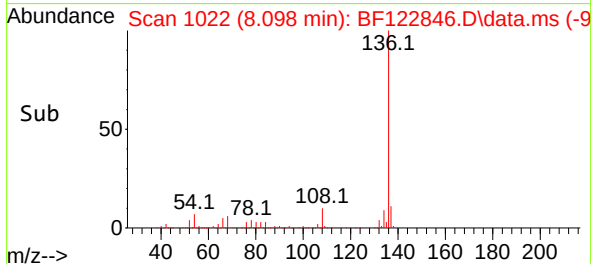
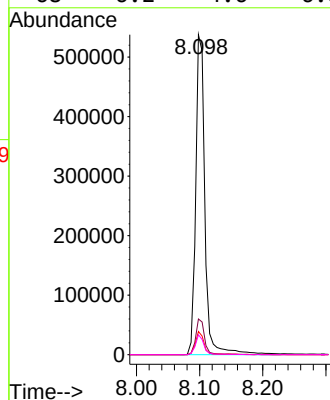
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

Instrument :
BNA_F
ClientSampleId :
CHRT-24743



Tgt Ion:136 Resp: 544302

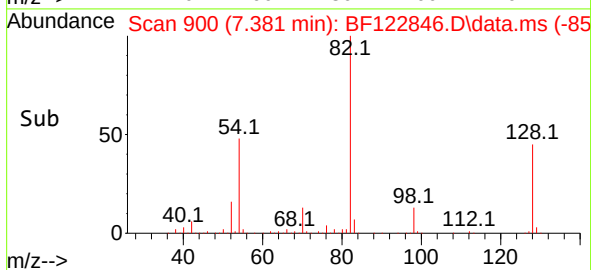
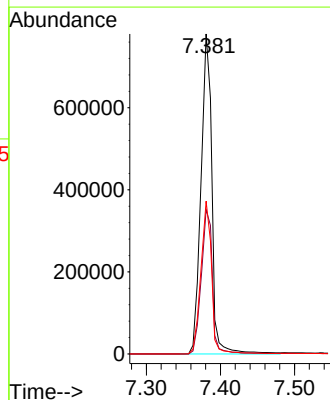
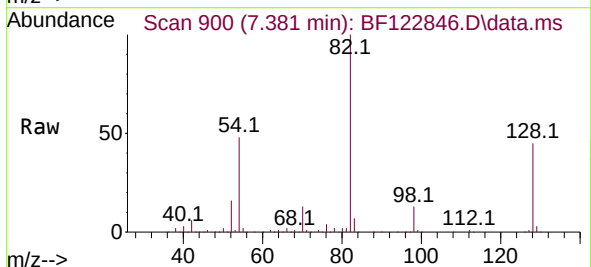
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.3	5.5	8.3
68	6.2	4.6	6.8

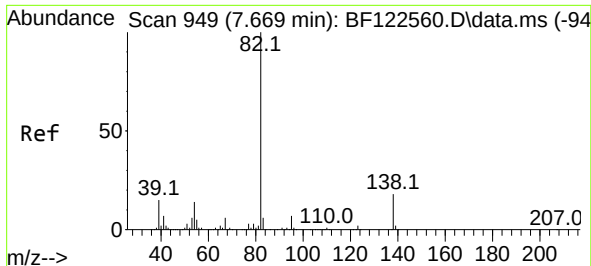


#23
Nitrobenzene-d5
Concen: 73.75 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

Tgt Ion: 82 Resp: 801218

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.0	55.4
54	47.8	38.4	57.6

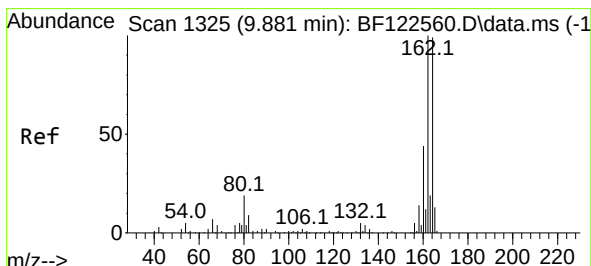
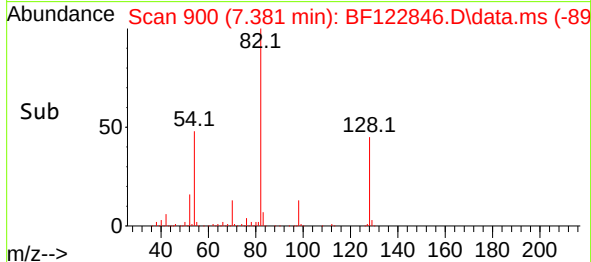
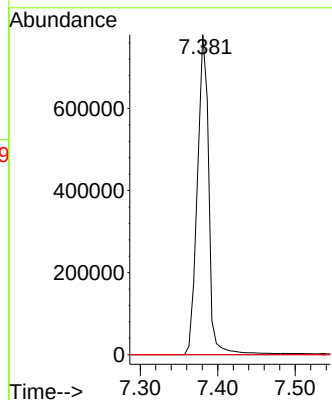
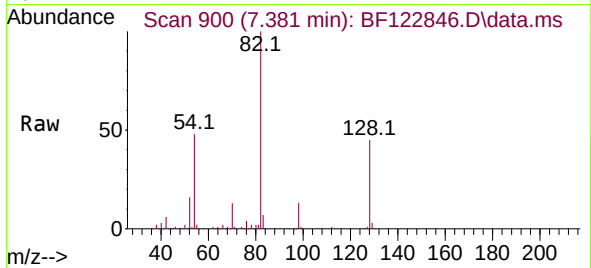




#25
Isophorone
Concen: 42.82 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

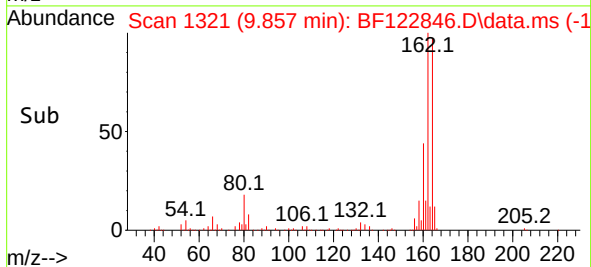
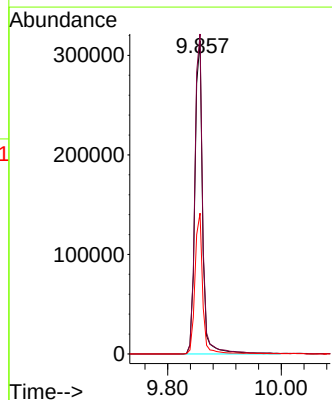
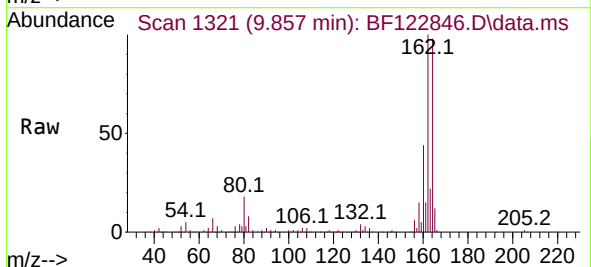
Instrument :
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ClientSampleId :
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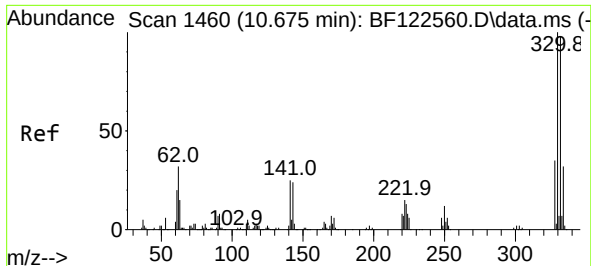
Tgt Ion: 82 Resp: 801210
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

Tgt Ion: 164 Resp: 298026
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 45.0 35.4 53.0

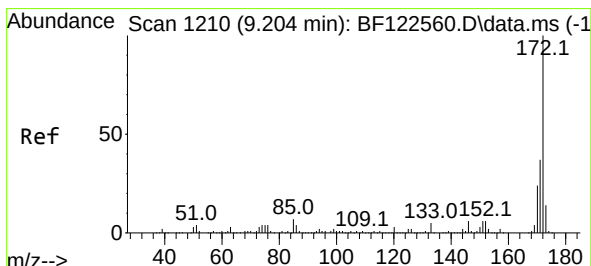
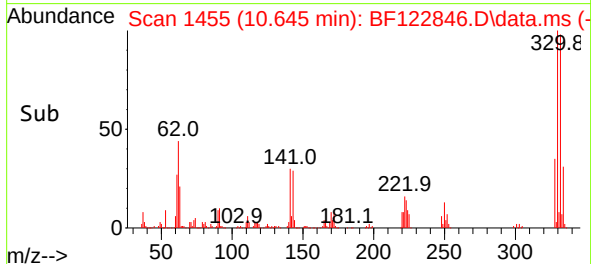
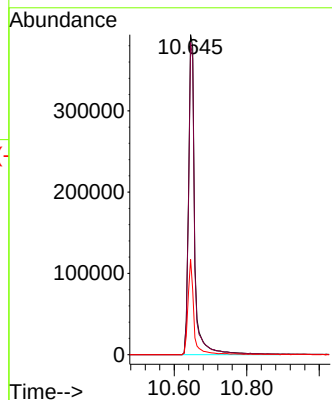
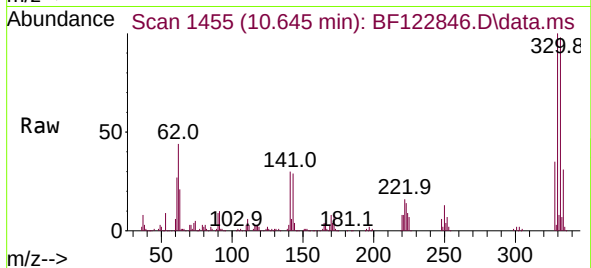




#42
2,4,6-Tribromophenol
Concen: 120.37 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

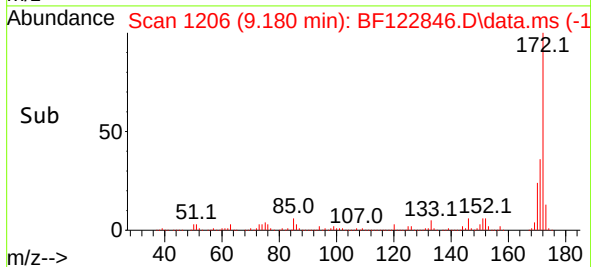
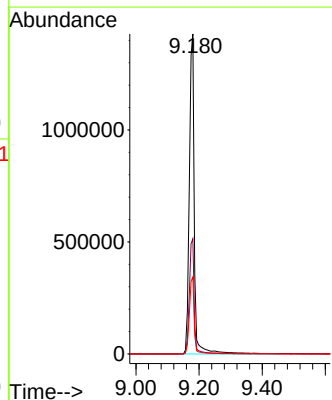
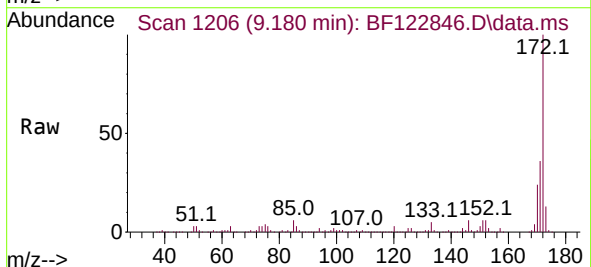
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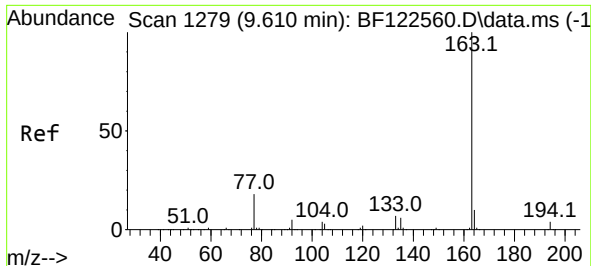
Tgt Ion: 330 Resp: 469582
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 27.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 71.41 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

Tgt Ion: 172 Resp: 1573383
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.0 19.5 29.3

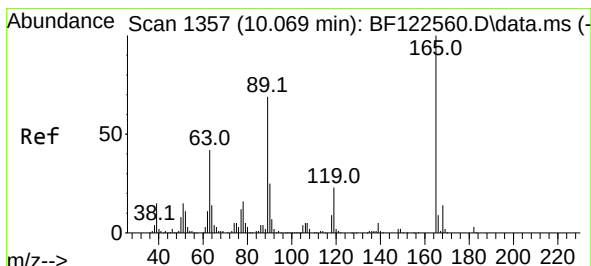
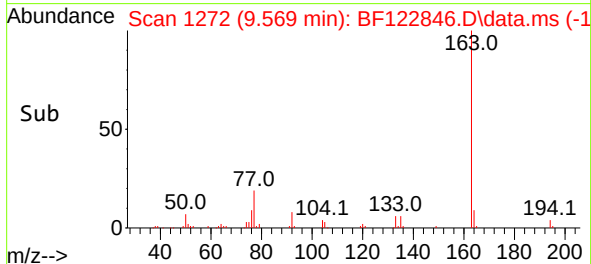
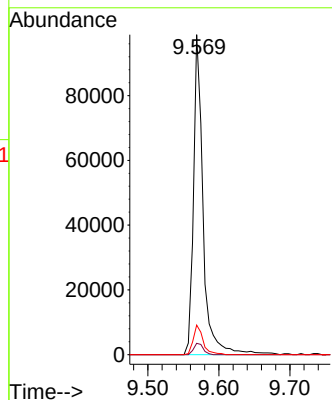
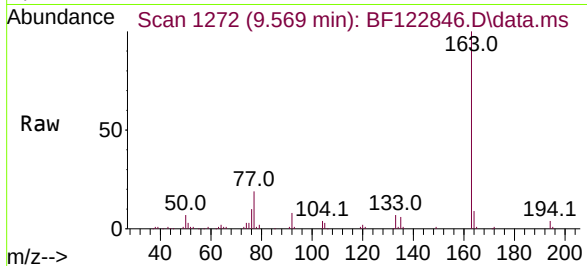




#50
Dimethylphthalate
Concen: 3.92 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

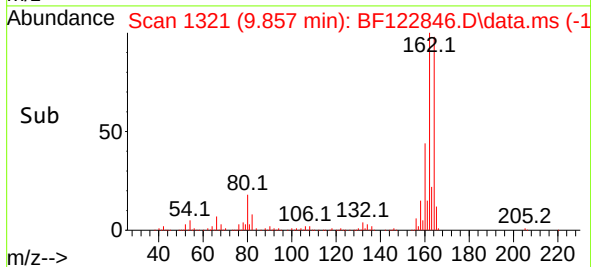
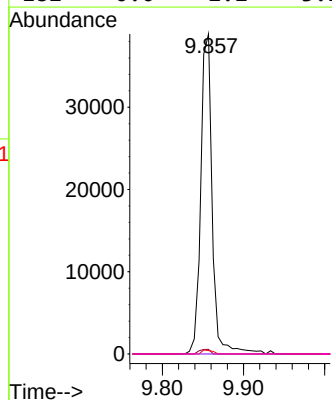
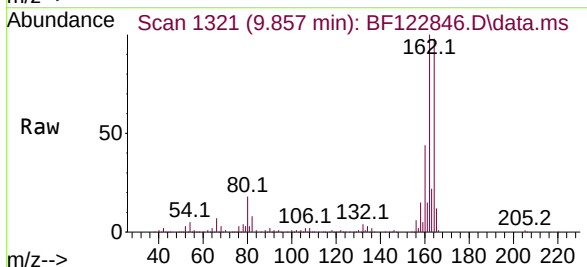
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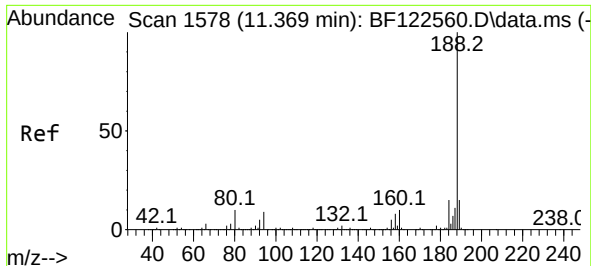
Tgt Ion:163 Resp: 93411
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 9.3 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

Tgt Ion:165 Resp: 38277
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

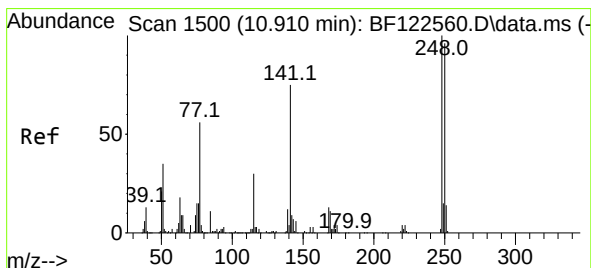
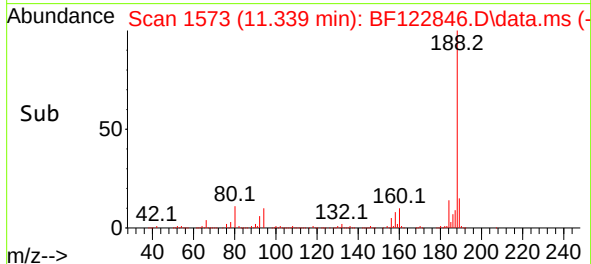
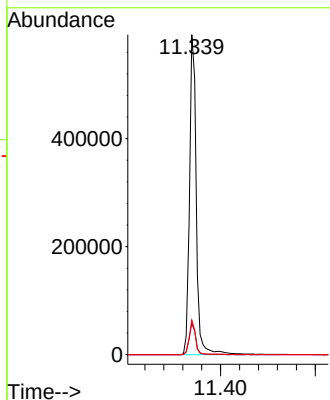
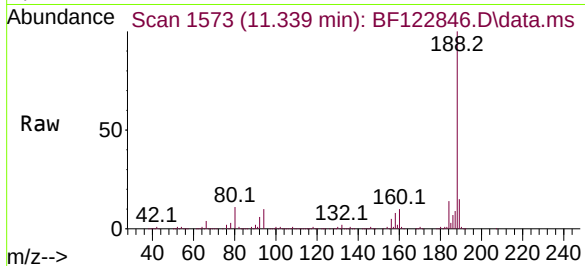




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

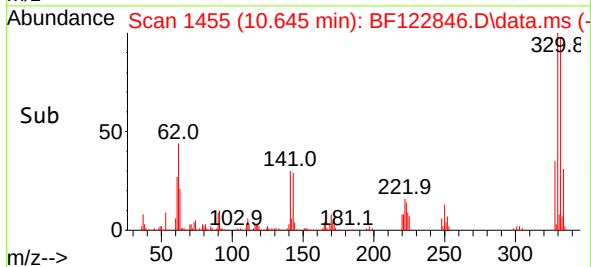
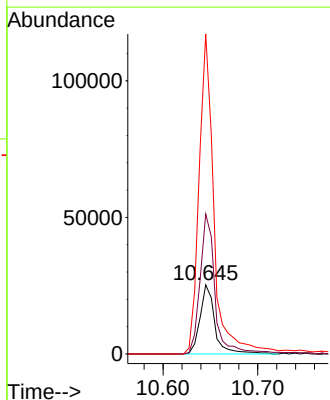
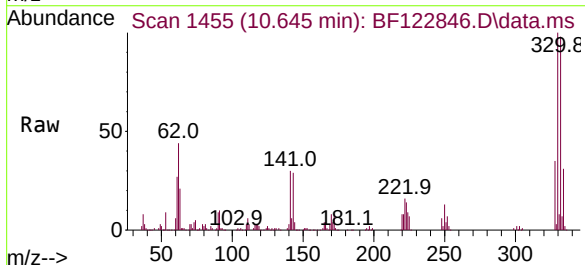
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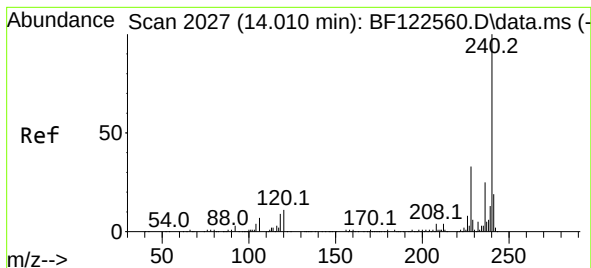
Tgt Ion:188 Resp: 586339
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122846.D
Acq: 23 Dec 2020 22:43

Tgt Ion:248 Resp: 27649
Ion Ratio Lower Upper
248 100
250 202.6 76.8 115.2#
141 463.3 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF122846.D

Acq: 23 Dec 2020 22:43

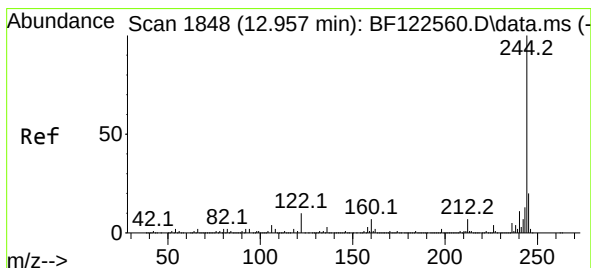
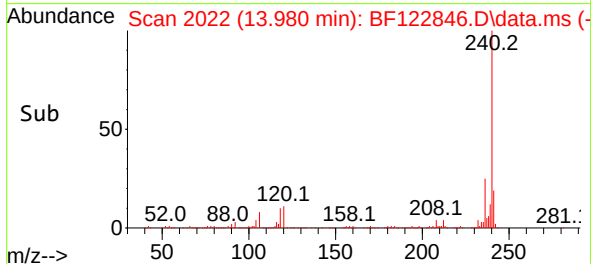
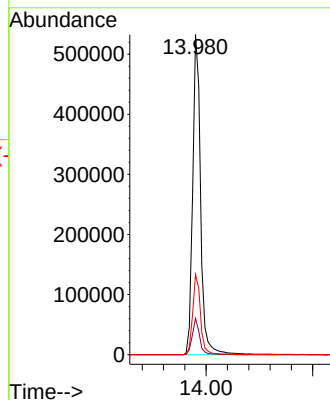
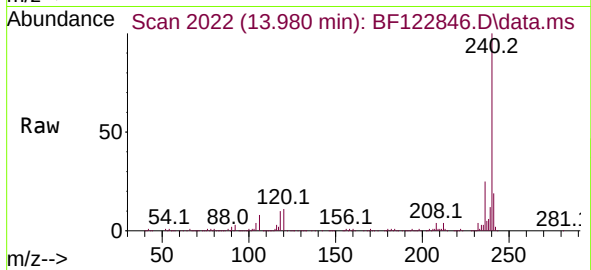
Tgt Ion:240 Resp: 552648

Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

236 25.1 20.3 30.5



#79

Terphenyl-d14

Concen: 60.26 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF122846.D

Acq: 23 Dec 2020 22:43

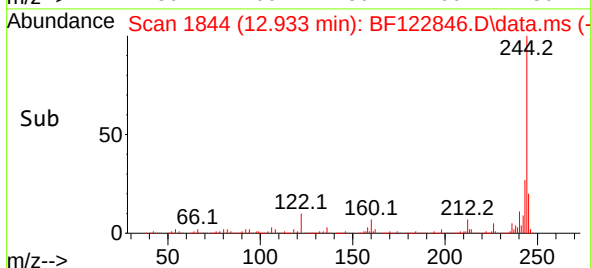
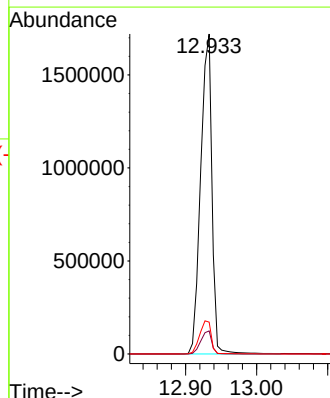
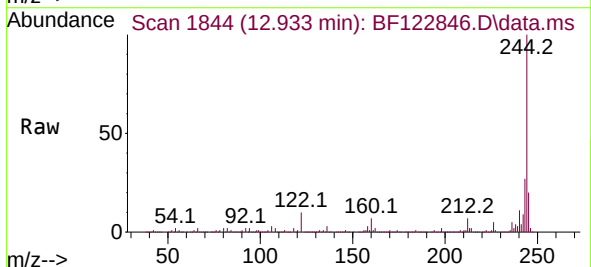
Tgt Ion:244 Resp: 1902659

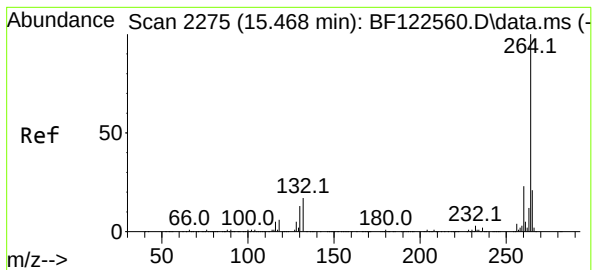
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122846.D
 Acq: 23 Dec 2020 22:43

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24743

Tgt Ion:264 Resp: 532669

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.9	17.0	25.6

