

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122819.D
 Acq On : 22 Dec 2020 18:53
 Operator : JU/CG
 Sample : PB133764BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133764BL

Quant Time: Dec 22 23:38:15 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)

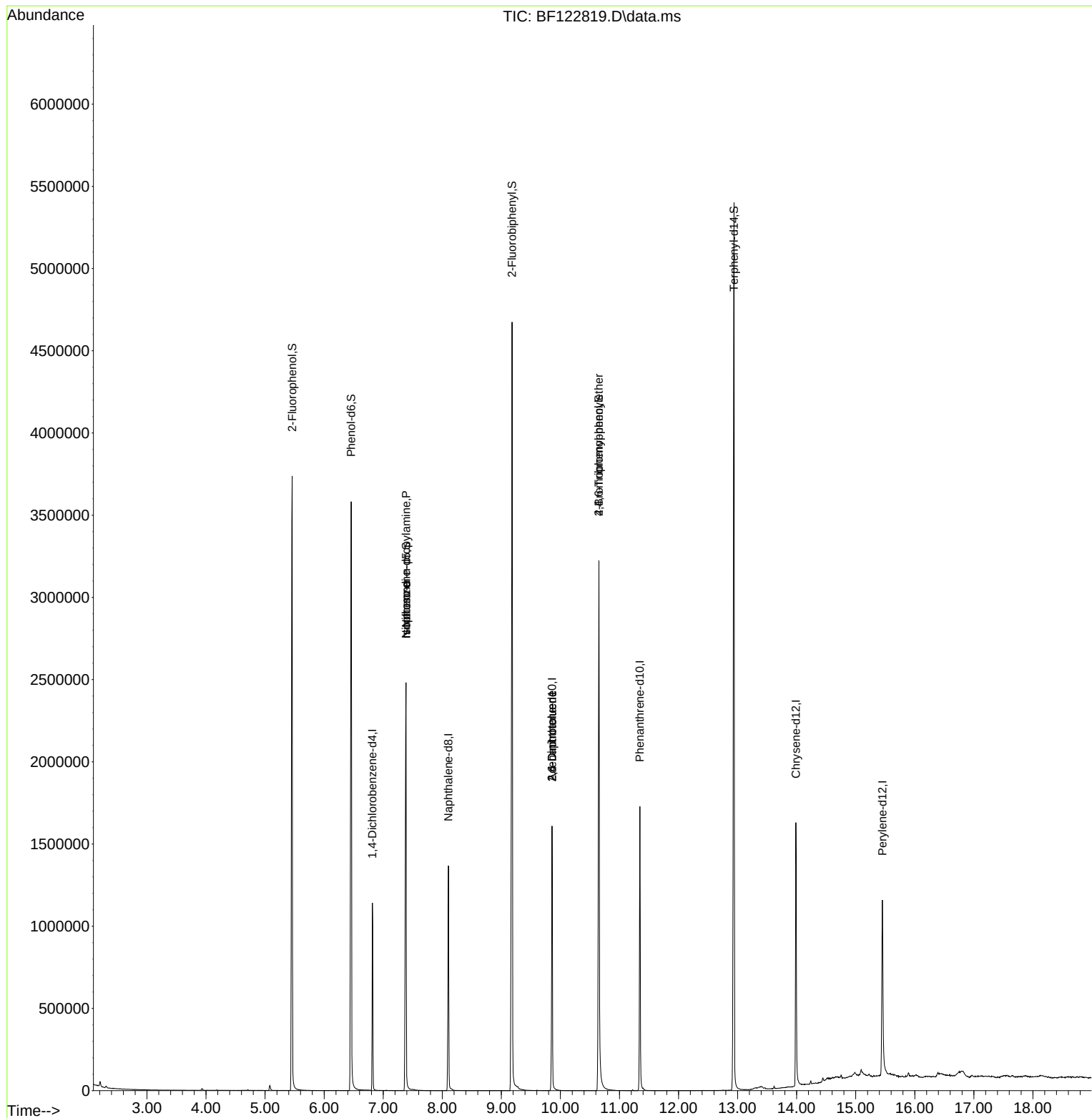
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	180583	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	704425	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	375365	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	713787	20.00	ng	0.00
76) Chrysene-d12	13.986	240	648872	20.00	ng	0.00
86) Perylene-d12	15.451	264	605492	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1237973	108.53	ng	0.02
7) Phenol-d6	6.457	99	1583271	104.66	ng	0.00
23) Nitrobenzene-d5	7.387	82	995480	70.80	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	554968	112.95	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1909707	68.81	ng	0.00
79) Terphenyl-d14	12.939	244	2097323	56.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	133805	15.44	ng	Qvalue
25) Isophorone	7.387	82	995467	41.11	ng	# 77
51) 2,6-Dinitrotoluene	9.857	165	47944	7.57	ng	# 65
57) 2,4-Dinitrotoluene	9.857	165	47945	5.68	ng	# 31
67) 4-Bromophenyl-phenylether	10.651	248	34292	3.55	ng	# 25
						# 1

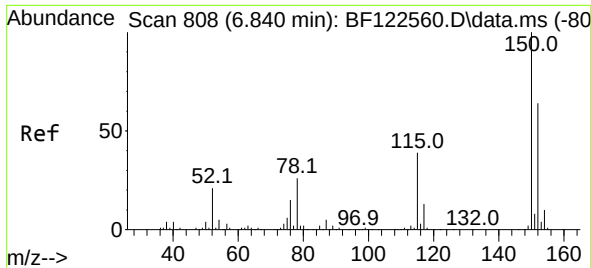
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:38:15 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

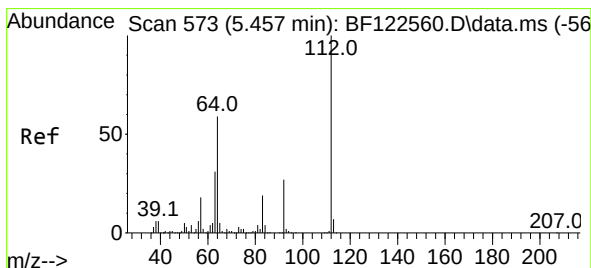
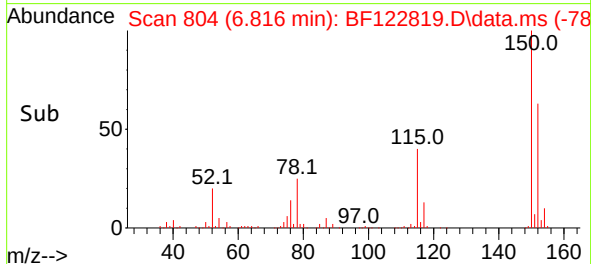
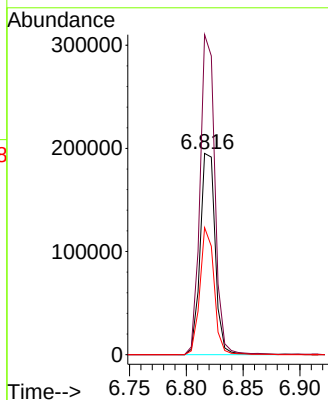
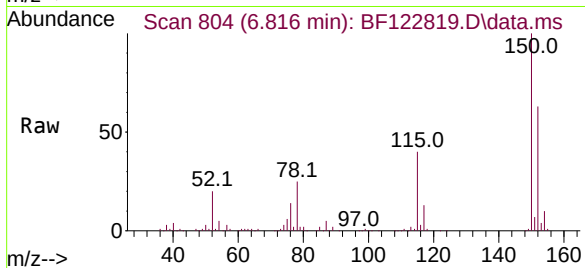




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF122819.D
 Acq: 22 Dec 2020 18:53

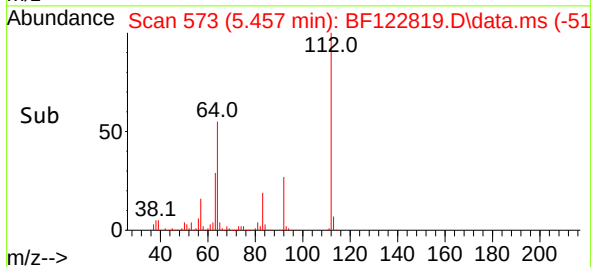
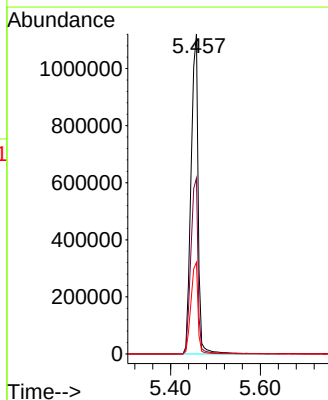
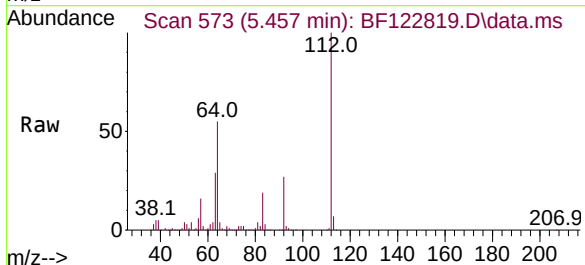
Instrument :
 BNA_F
 ClientSampleId :
 PB133764BL

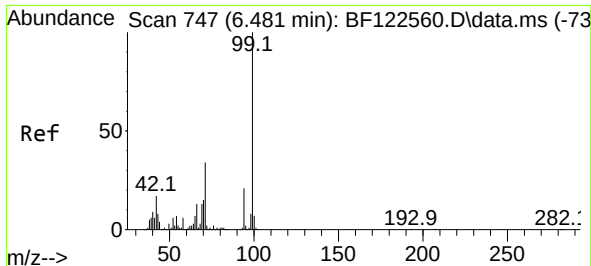
Tgt Ion:152 Resp: 180583
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.8 188.6
 115 63.1 49.3 73.9



#5
 2-Fluorophenol
 Concen: 108.53 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.023 min
 Lab File: BF122819.D
 Acq: 22 Dec 2020 18:53

Tgt Ion:112 Resp: 1237973
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.9 70.3
 63 28.6 24.5 36.7



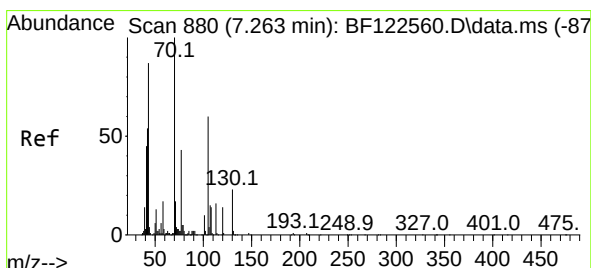
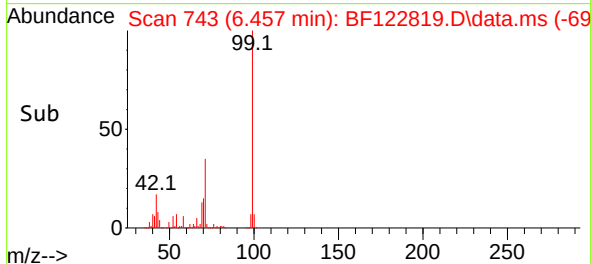
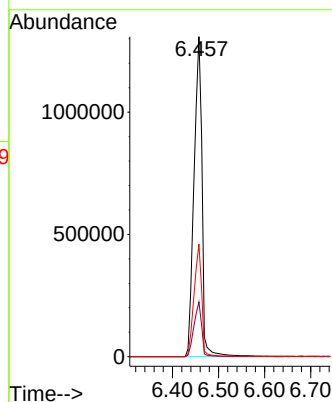
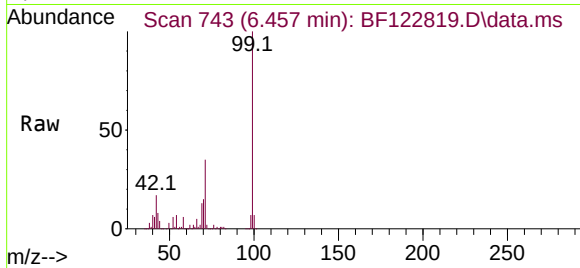


#7
Phenol-d6
Concen: 104.66 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB133764BL

Tgt Ion: 99 Resp: 1583271

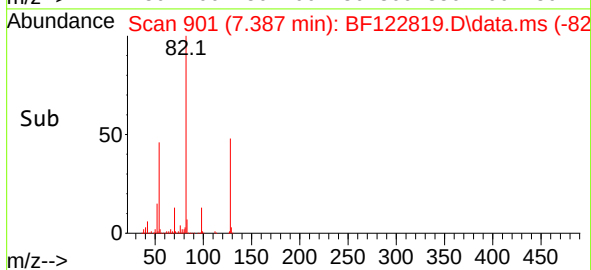
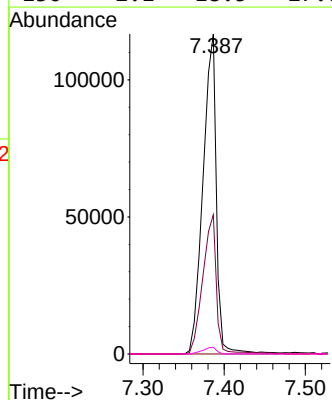
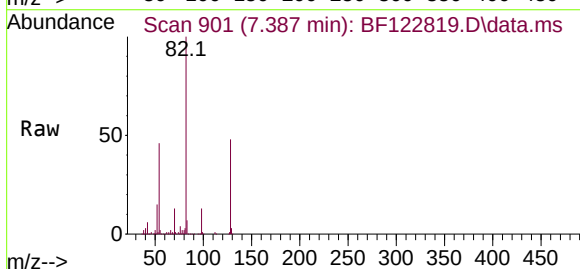
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	35.2	26.9	40.3

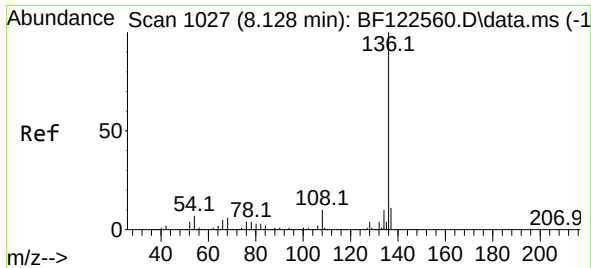


#19
n-Nitroso-di-n-propylamine
Concen: 15.44 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Tgt Ion: 70 Resp: 133805

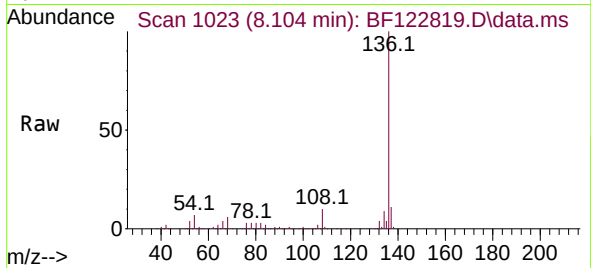
Ion	Ratio	Lower	Upper
70	100		
42	43.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



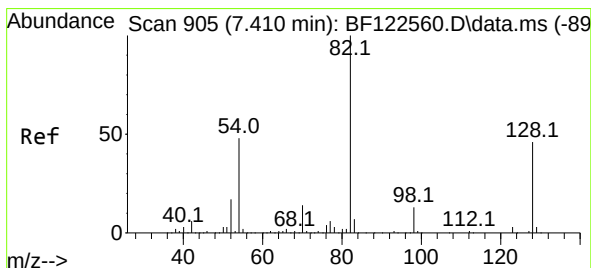
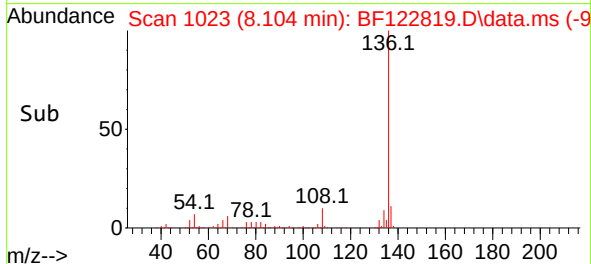
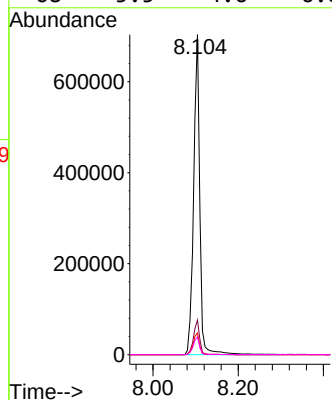


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB133764BL

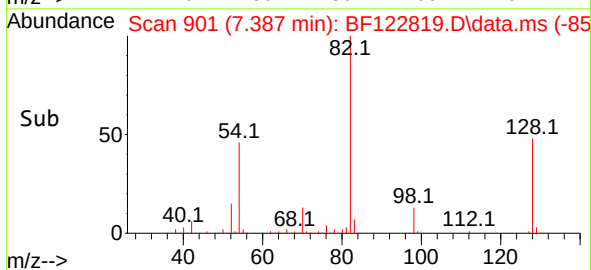
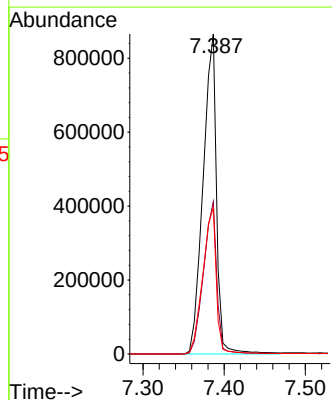
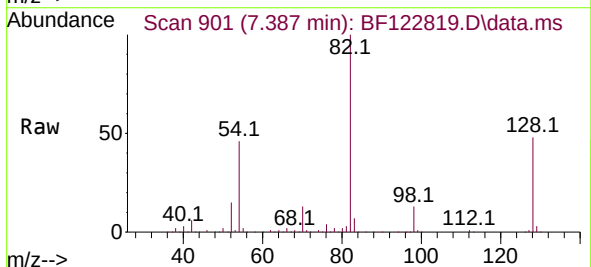


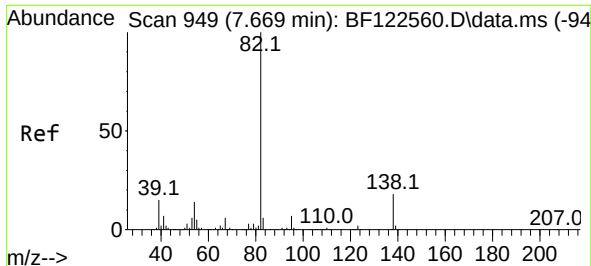
Tgt	Ion:136	Resp:	704425
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.5	8.3
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 70.80 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Tgt Ion: 82	Resp: 995480
Ion Ratio	Lower Upper
82 100	
128 47.5	37.0 55.4
54 45.6	38.4 57.6

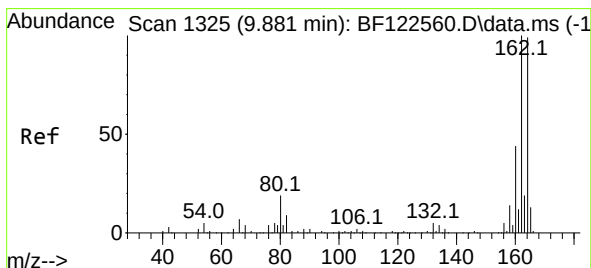
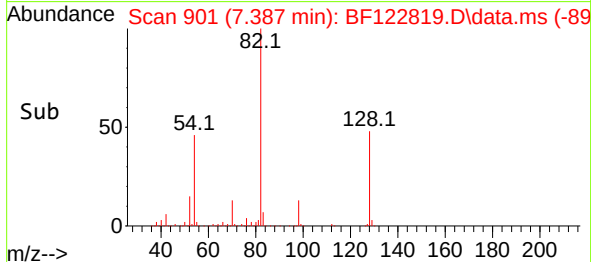
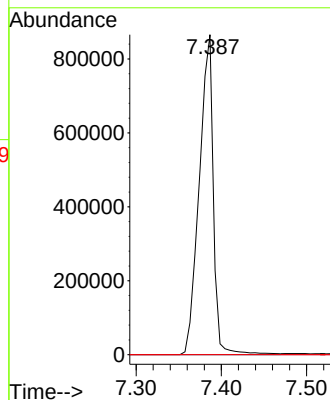
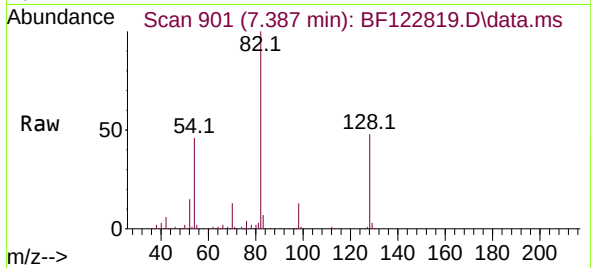




#25
Isophorone
Concen: 41.11 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

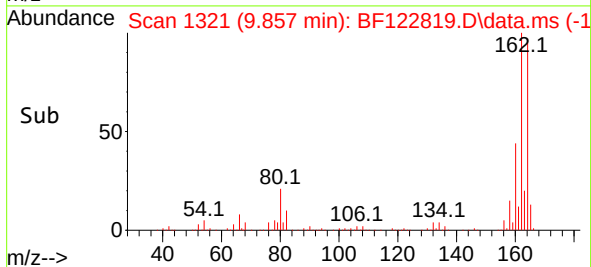
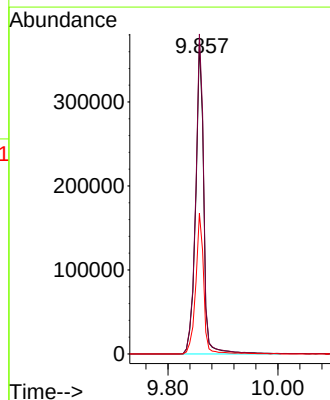
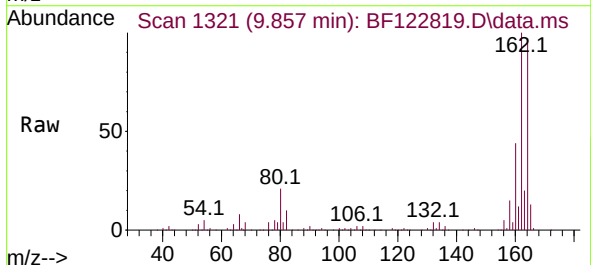
Instrument :
BNA_F
ClientSampleId :
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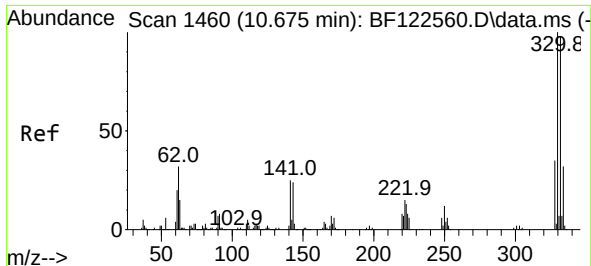
Tgt Ion: 82 Resp: 995467
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Tgt Ion:164 Resp: 375365
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.2 35.4 53.0

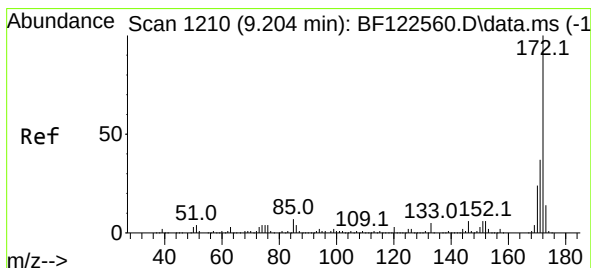
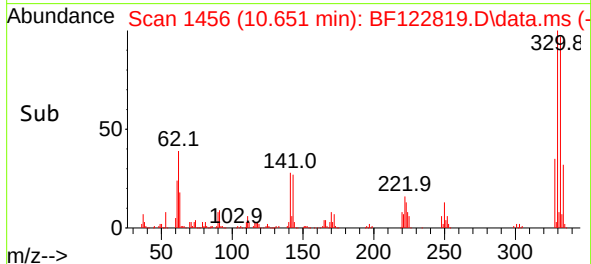
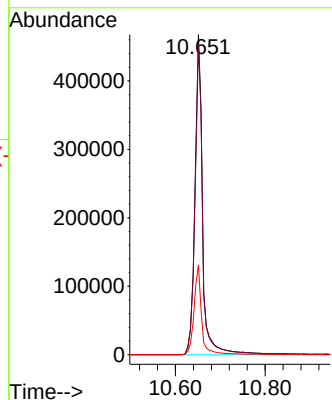
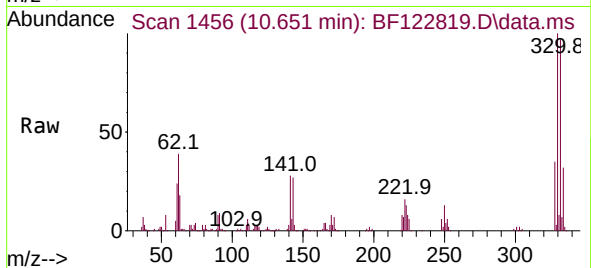




#42
2,4,6-Tribromophenol
Concen: 112.95 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

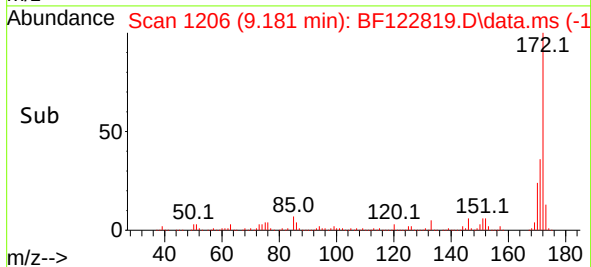
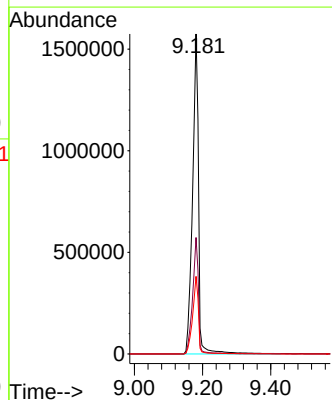
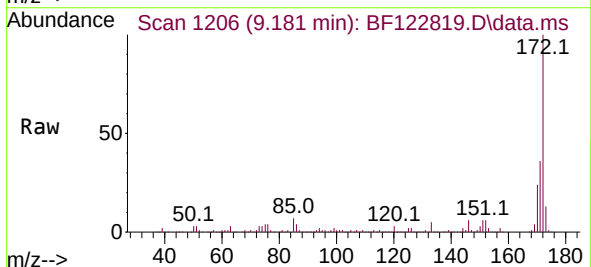
Instrument :
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ClientSampleId :
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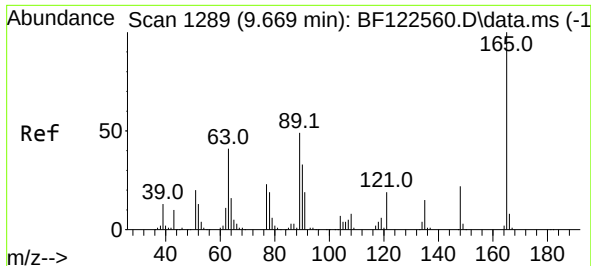
Tgt Ion: 330 Resp: 554968
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 27.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 68.81 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Tgt Ion: 172 Resp: 1909707
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.5 29.3

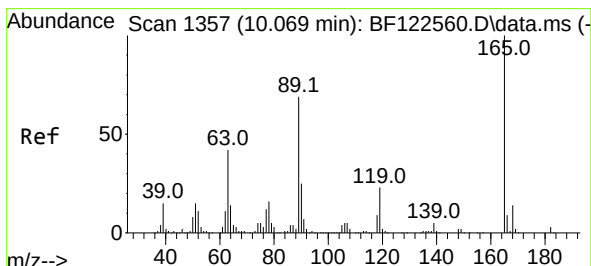
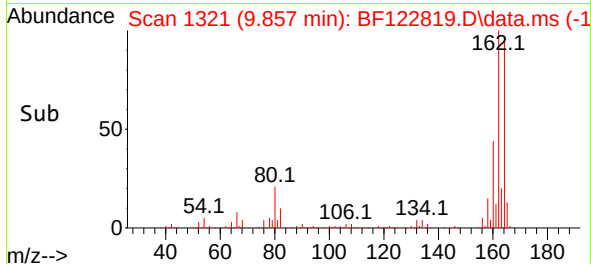
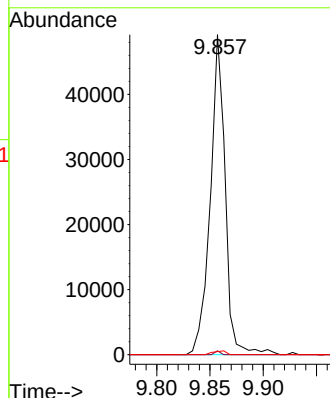
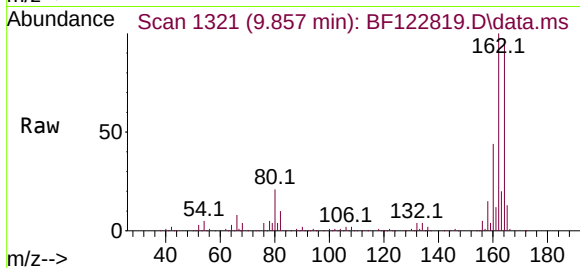




#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

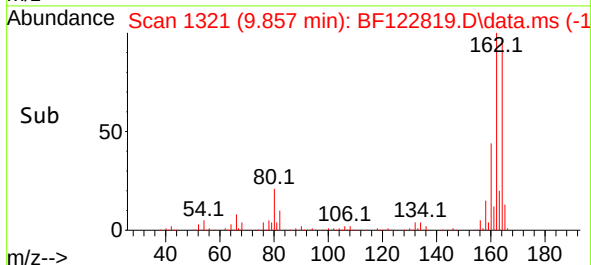
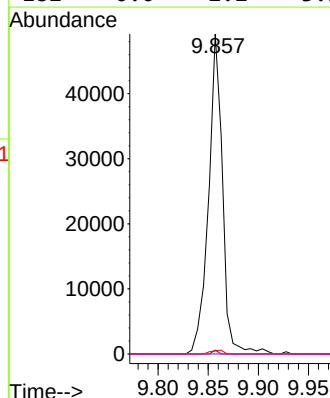
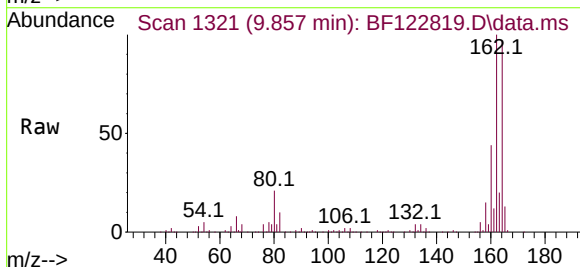
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PB133764BL

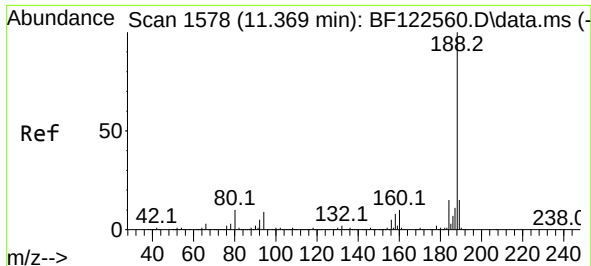
Tgt Ion:165 Resp: 47944
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Tgt Ion:165 Resp: 47945
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

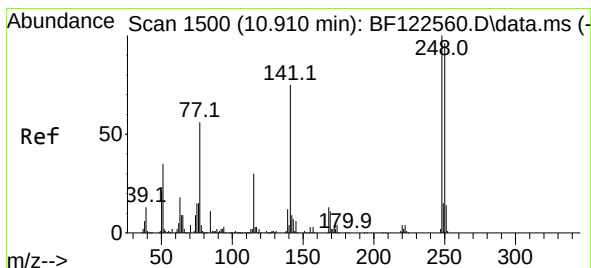
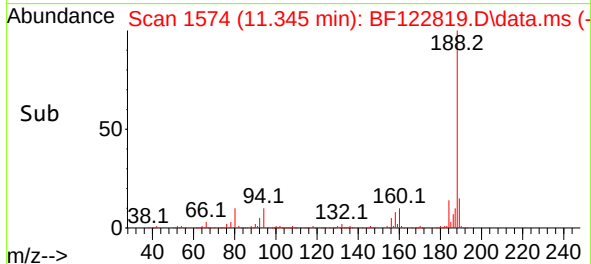
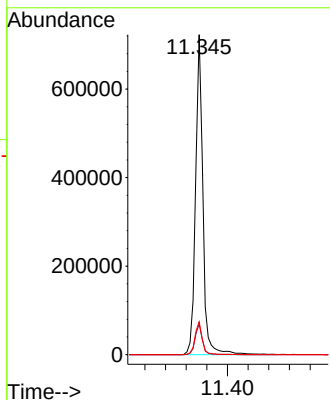
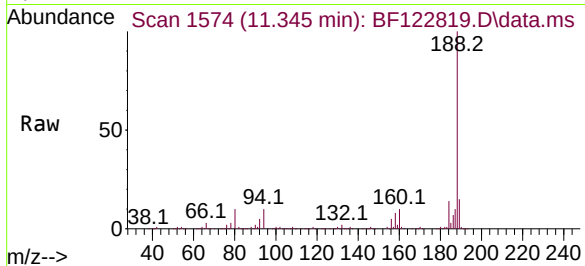




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

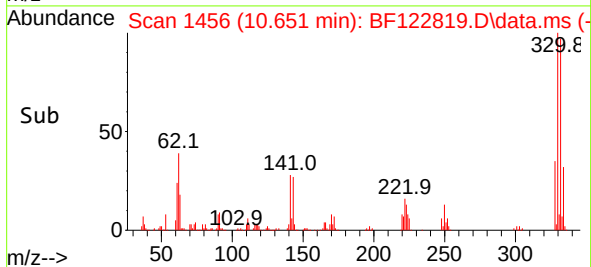
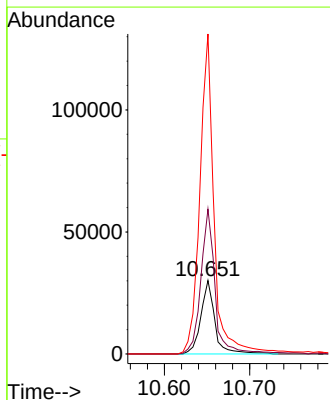
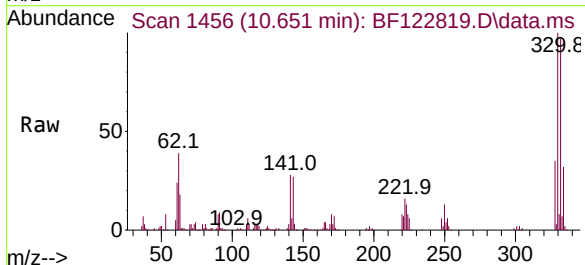
Instrument :
BNA_F
ClientSampleId :
PB133764BL

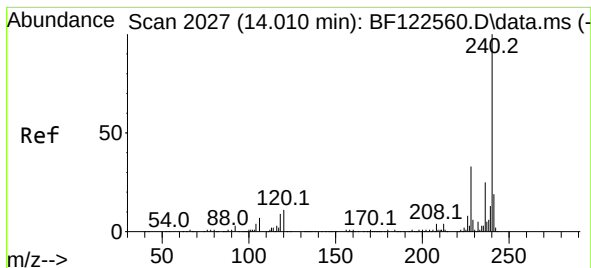
Tgt Ion:188 Resp: 713787
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122819.D
Acq: 22 Dec 2020 18:53

Tgt Ion:248 Resp: 34292
Ion Ratio Lower Upper
248 100
250 196.9 76.8 115.2#
141 435.4 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122819.D

Acq: 22 Dec 2020 18:53

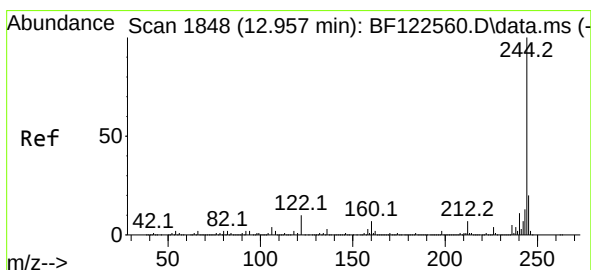
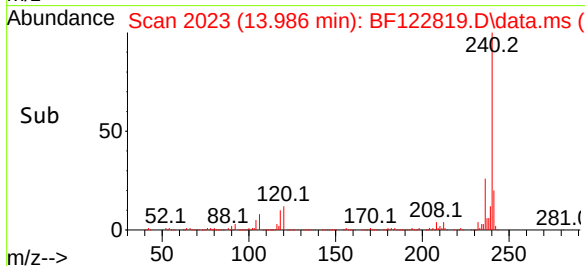
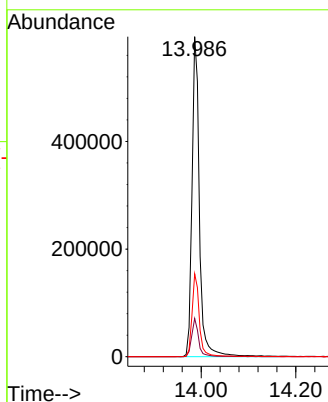
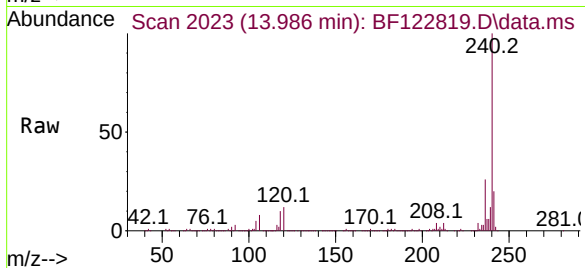
Tgt Ion:240 Resp: 648872

Ion Ratio Lower Upper

240 100

120 11.9 8.6 12.8

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 56.58 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.006 min

Lab File: BF122819.D

Acq: 22 Dec 2020 18:53

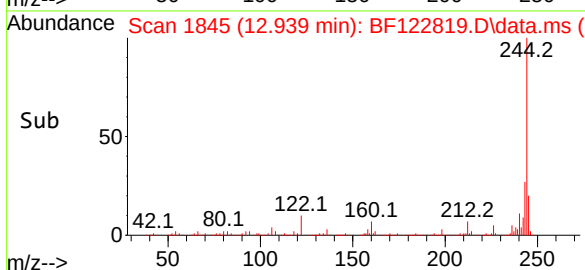
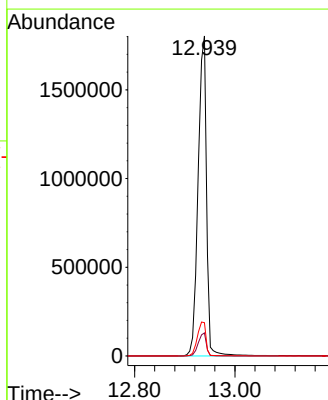
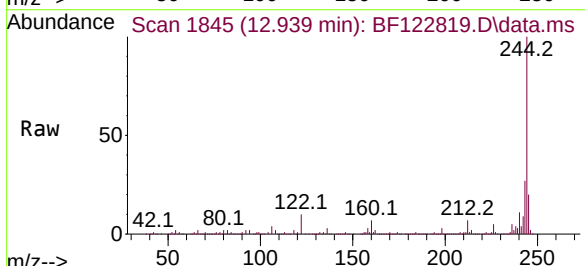
Tgt Ion:244 Resp: 2097323

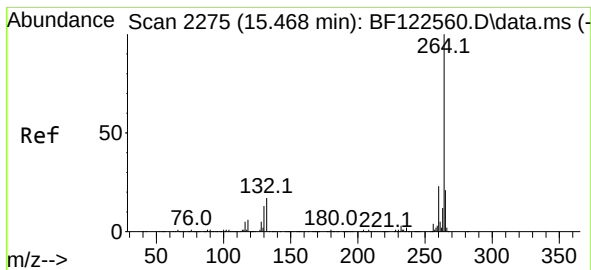
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF122819.D
 Acq: 22 Dec 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB133764BL

Tgt Ion:264 Resp: 605492
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.2 17.0 25.6

