

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122837.D
 Acq On : 23 Dec 2020 17:43
 Operator : JU/CG
 Sample : PB133783TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133783TB

Quant Time: Dec 24 02:57:49 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)

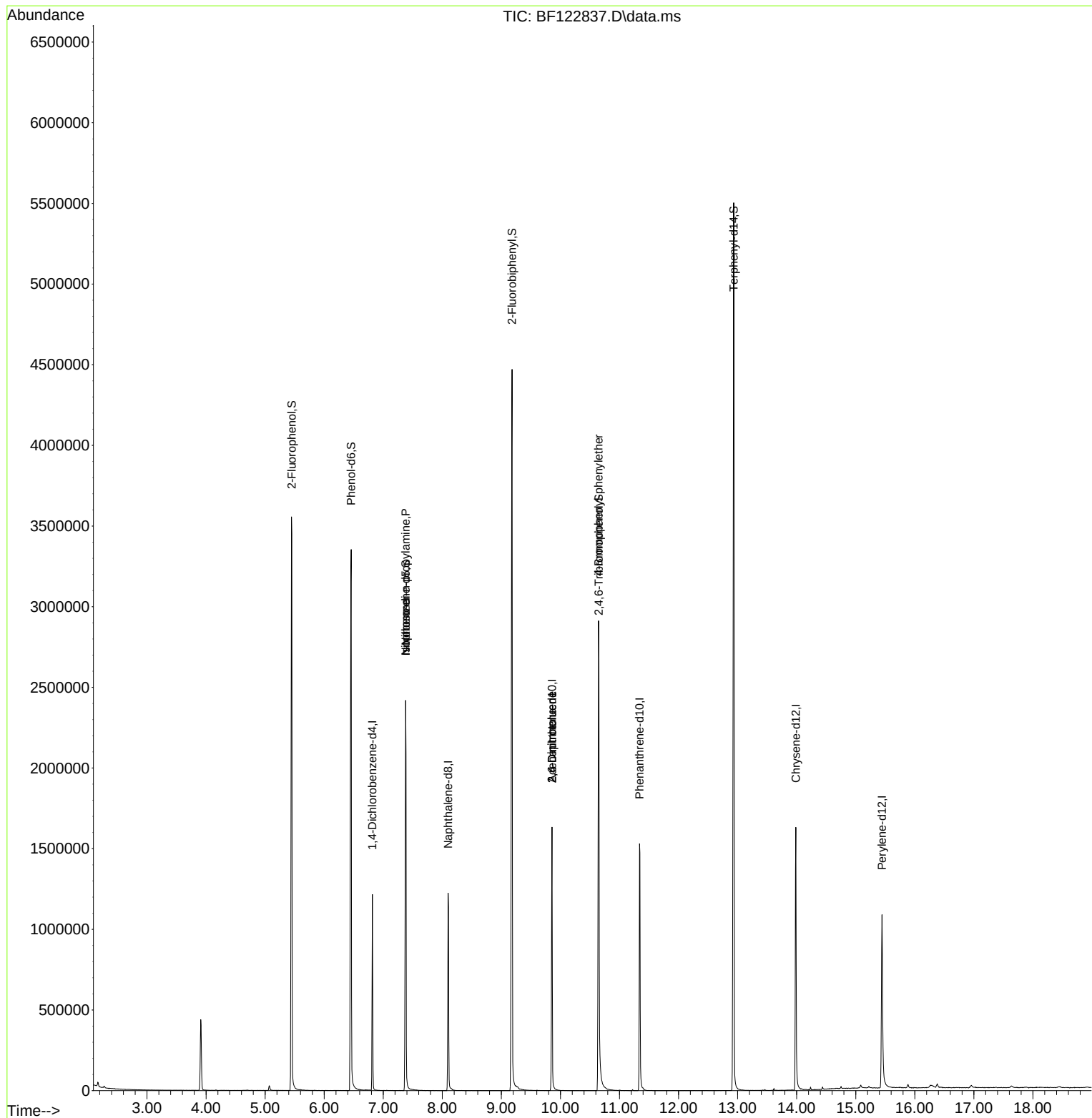
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	175011	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	675864	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	364297	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	703858	20.00	ng	0.00
76) Chrysene-d12	13.986	240	684013	20.00	ng	0.00
86) Perylene-d12	15.445	264	633348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1199244	108.48	ng	0.02
7) Phenol-d6	6.457	99	1491330	101.72	ng	0.00
23) Nitrobenzene-d5	7.381	82	973733	72.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	523422	109.77	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1759073	65.31	ng	0.00
79) Terphenyl-d14	12.933	244	2205023	56.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	128887	15.35	ng	Qvalue # 77
25) Isophorone	7.381	82	973720	41.91	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	46641	7.59	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	46773	5.71	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	33322	3.49	ng	# 1

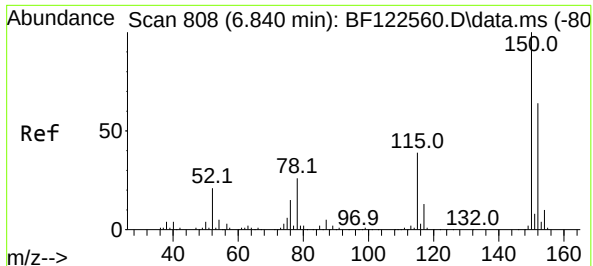
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 02:57:49 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

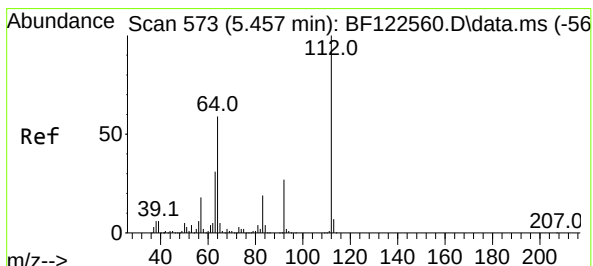
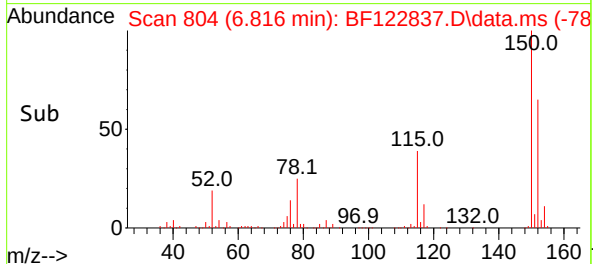
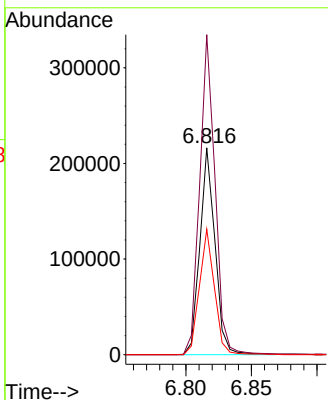
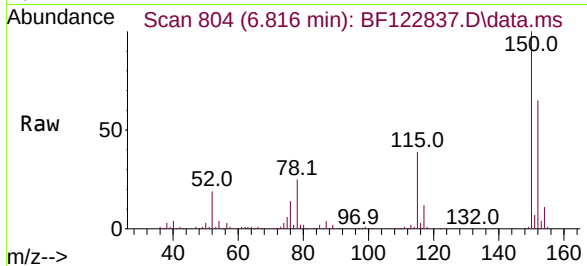




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

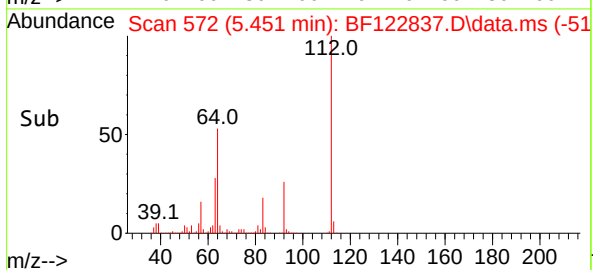
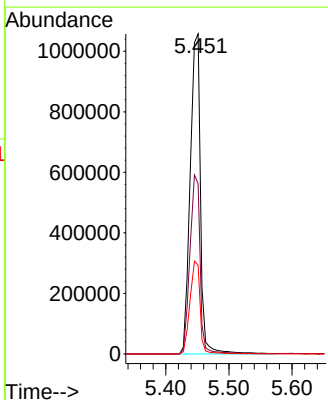
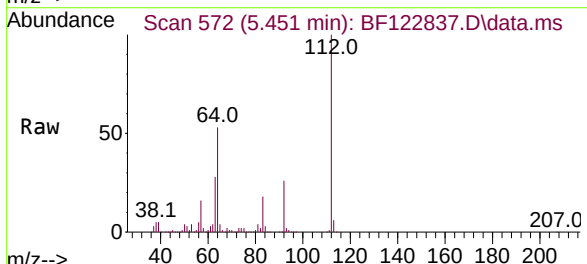
Instrument :
BNA_F
ClientSampleId :
PB133783TB

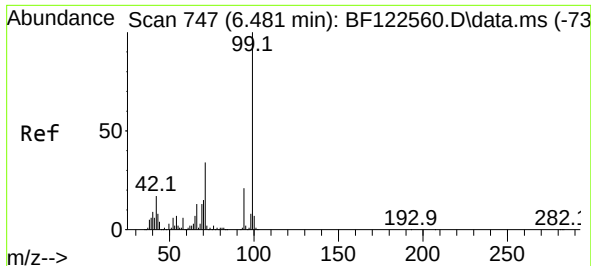
Tgt Ion:152 Resp: 175011
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 60.7 49.3 73.9



#5
2-Fluorophenol
Concen: 108.48 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

Tgt Ion:112 Resp: 1199244
Ion Ratio Lower Upper
112 100
64 53.2 46.9 70.3
63 27.7 24.5 36.7

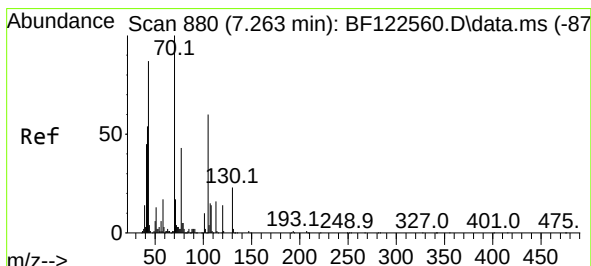
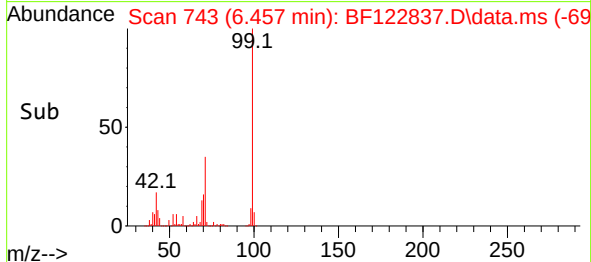
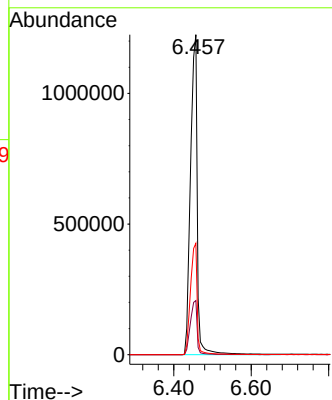
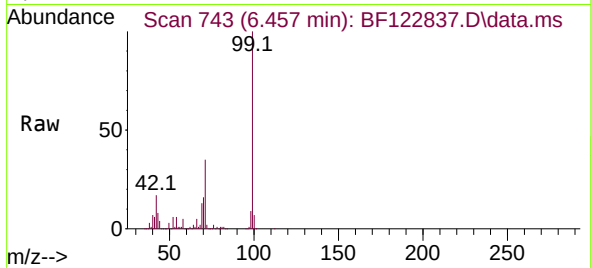




#7
Phenol-d6
Concen: 101.72 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

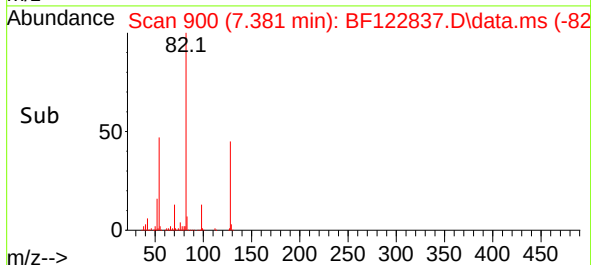
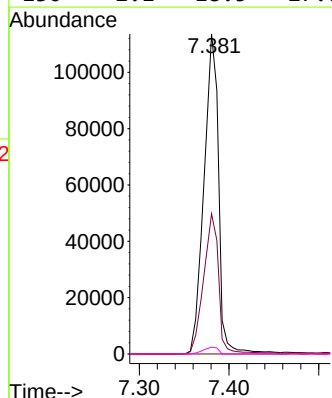
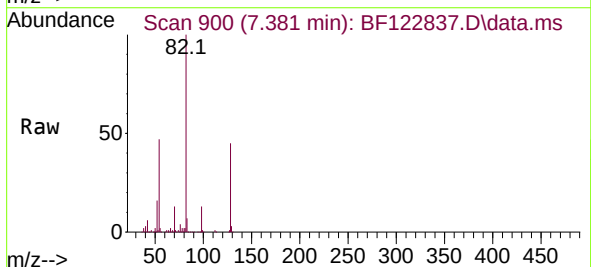
Instrument :
BNA_F
ClientSampleId :
PB133783TB

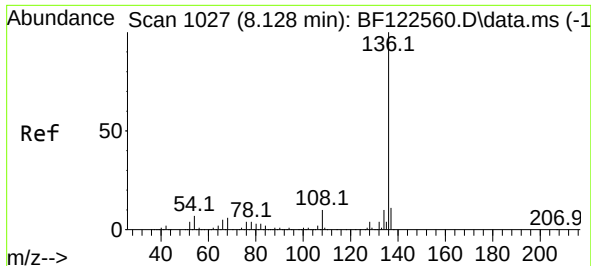
Tgt Ion: 99 Resp: 1491330
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 34.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

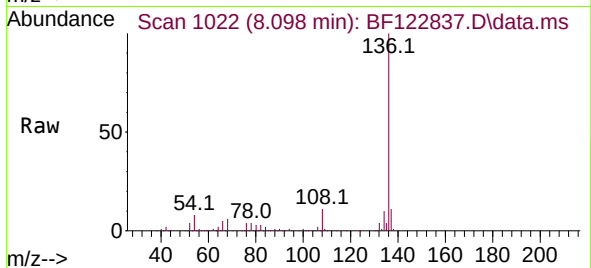
Tgt Ion: 70 Resp: 128887
Ion Ratio Lower Upper
70 100
42 43.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



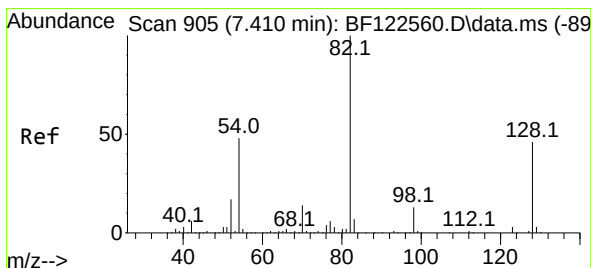
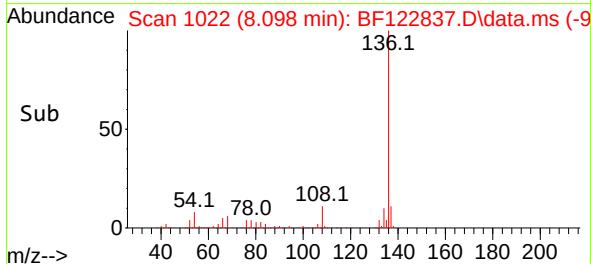
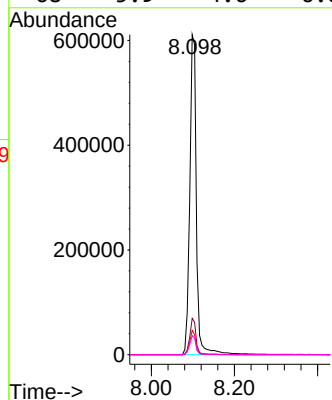


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

Instrument :
BNA_F
ClientSampleId :
PB133783TB

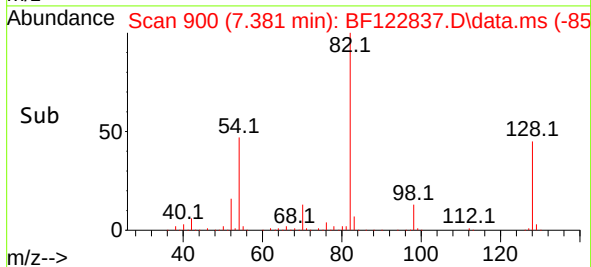
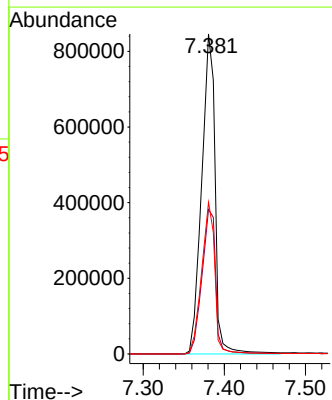
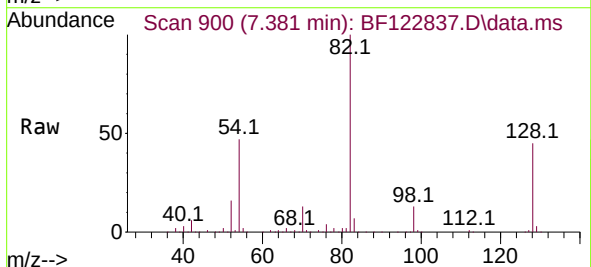


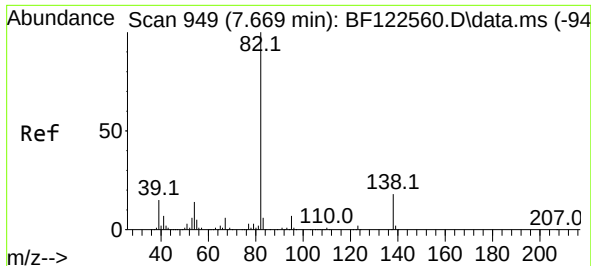
Tgt	Ion:136	Resp:	675864
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.6	5.5	8.3
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 72.18 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

Tgt Ion: 82	Resp: 973733
Ion Ratio	Lower Upper
82 100	
128 45.1	37.0 55.4
54 47.4	38.4 57.6

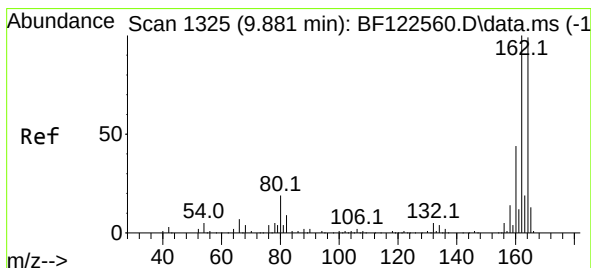
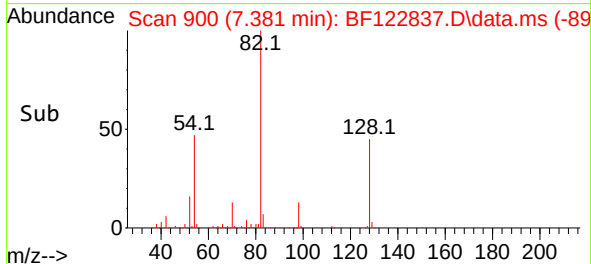
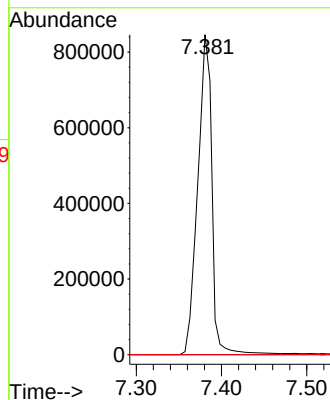
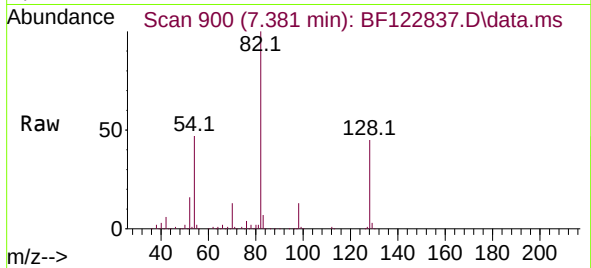




#25
Isophorone
Concen: 41.91 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

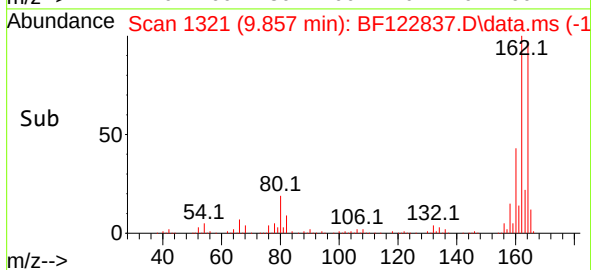
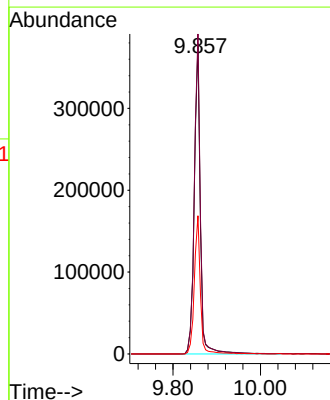
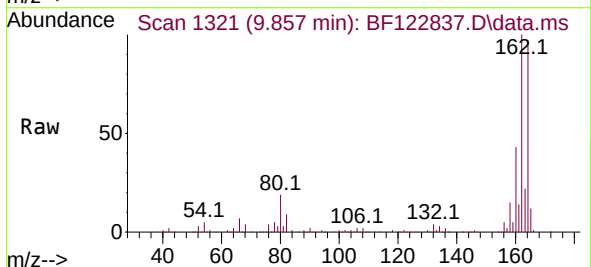
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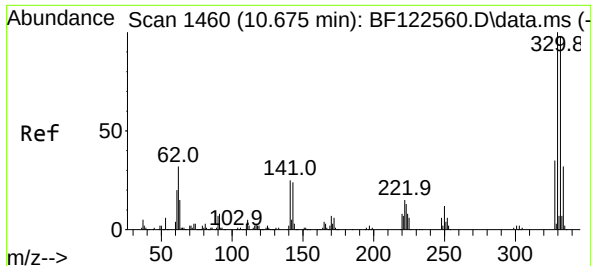
Tgt Ion: 82 Resp: 973720
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

Tgt Ion: 164 Resp: 364297
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 44.5 35.4 53.0

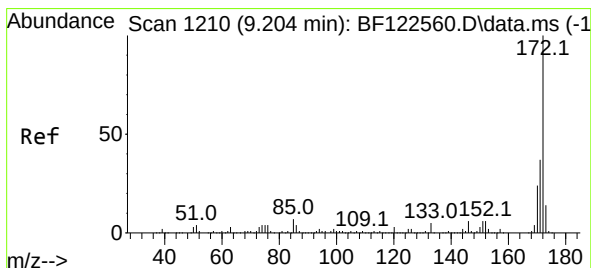
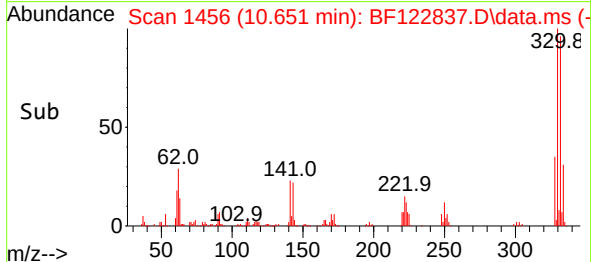
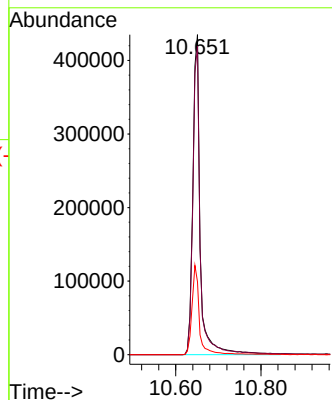
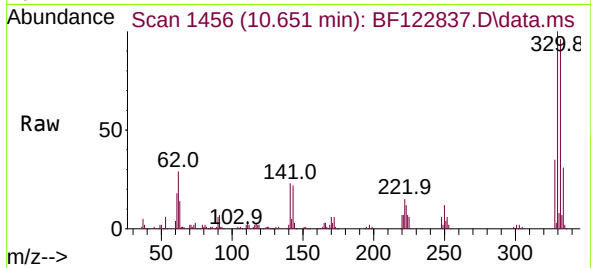




#42
 2,4,6-Tribromophenol
 Concen: 109.77 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BF122837.D
 Acq: 23 Dec 2020 17:43

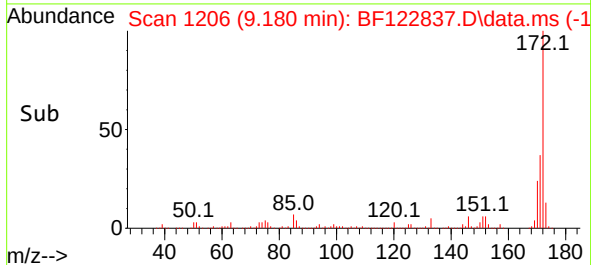
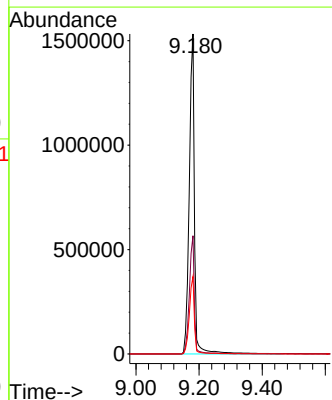
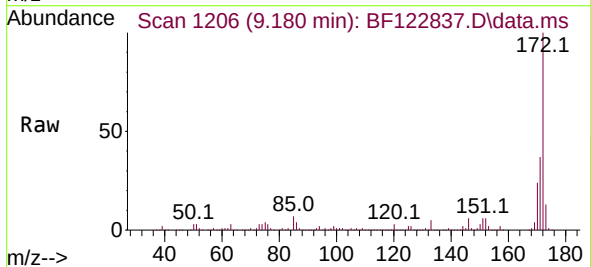
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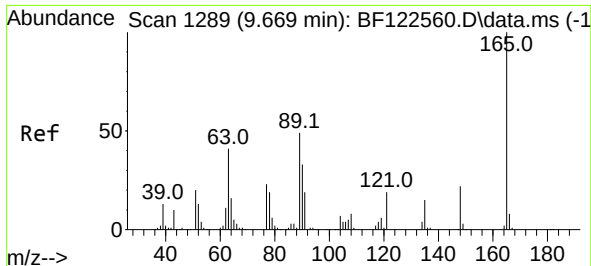
Tgt Ion: 330 Resp: 523422
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.5 116.3
 141 28.7 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 65.31 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. -0.006 min
 Lab File: BF122837.D
 Acq: 23 Dec 2020 17:43

Tgt Ion: 172 Resp: 1759073
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.2 19.5 29.3

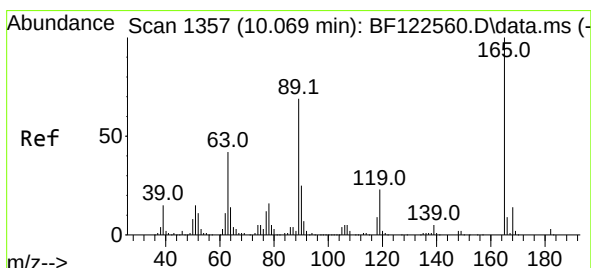
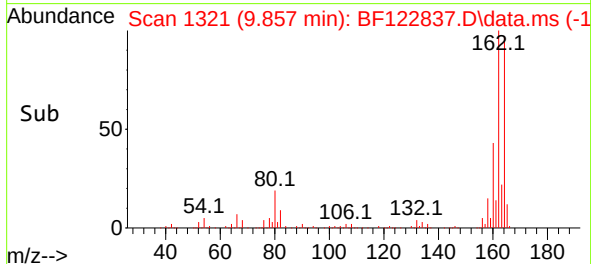
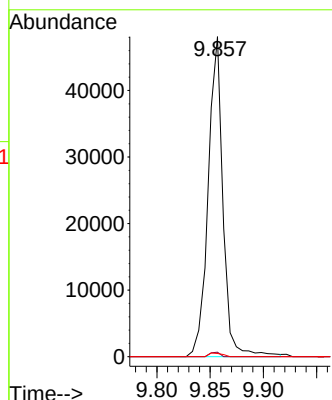
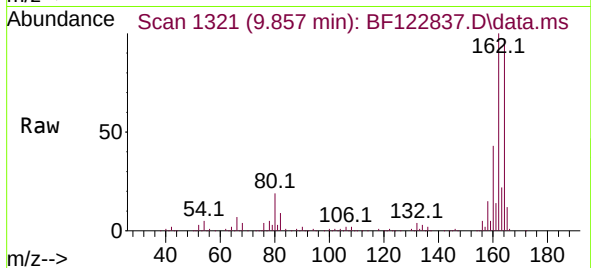




#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

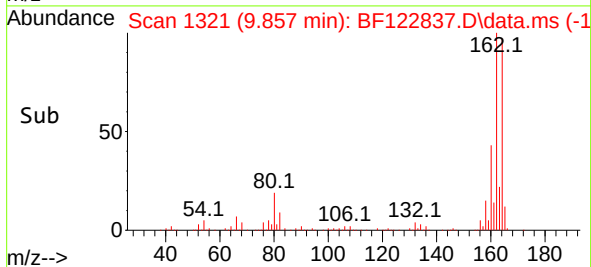
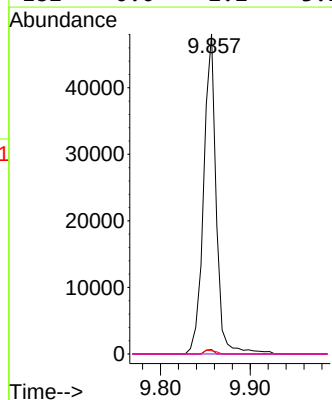
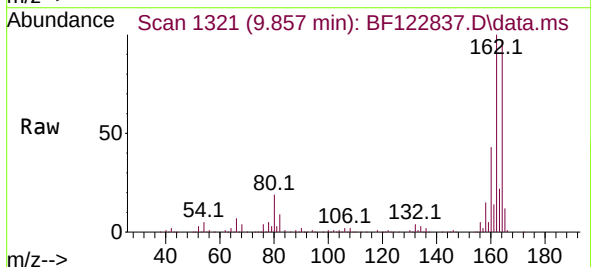
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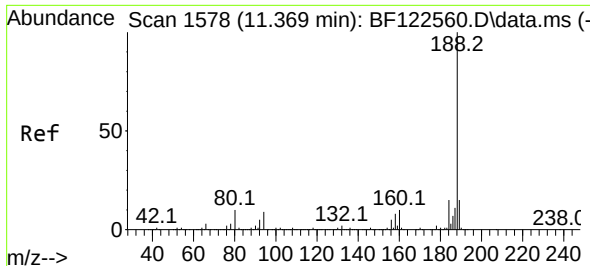
Tgt Ion:165 Resp: 46641
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

Tgt Ion:165 Resp: 46773
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

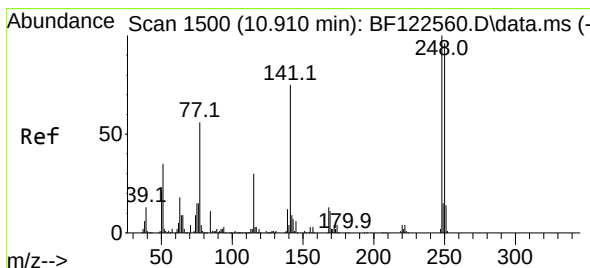
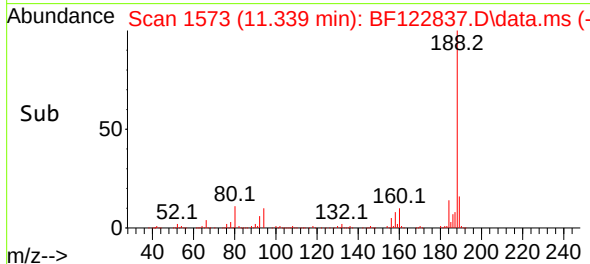
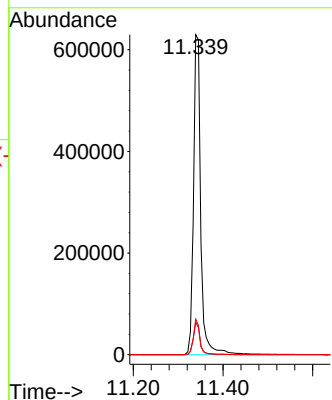
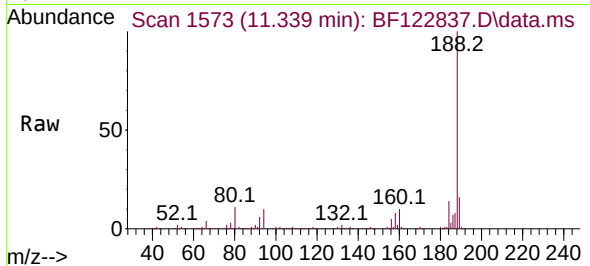




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

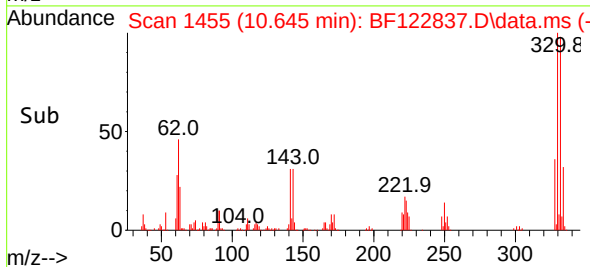
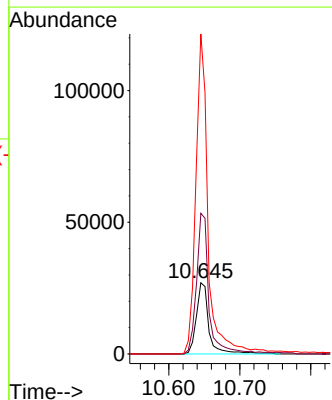
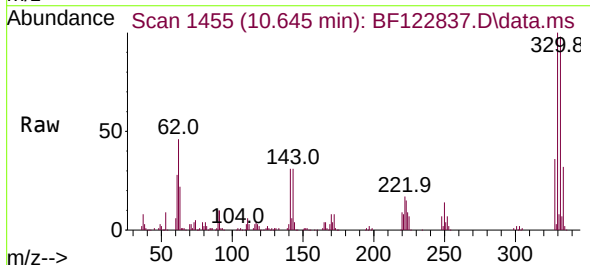
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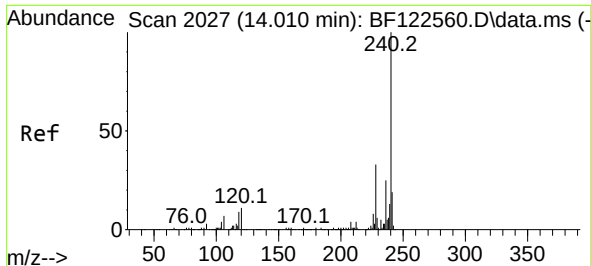
Tgt Ion:188 Resp: 703858
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

Tgt Ion:248 Resp: 33322
Ion Ratio Lower Upper
248 100
250 197.6 76.8 115.2#
141 449.4 59.8 89.8#

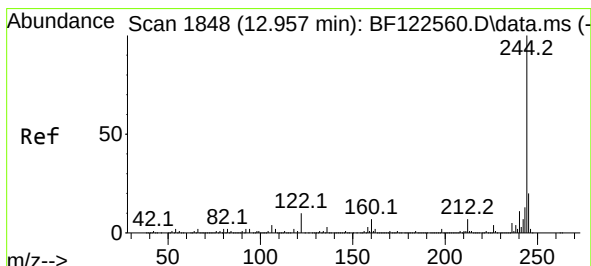
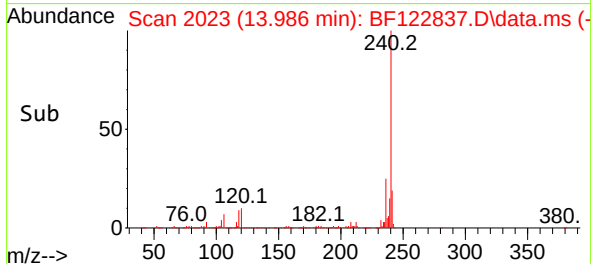
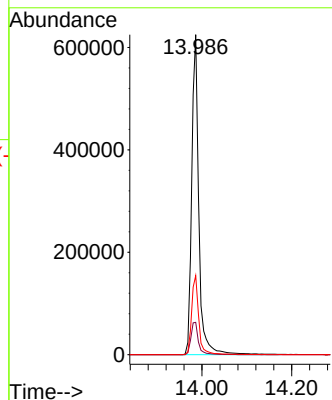
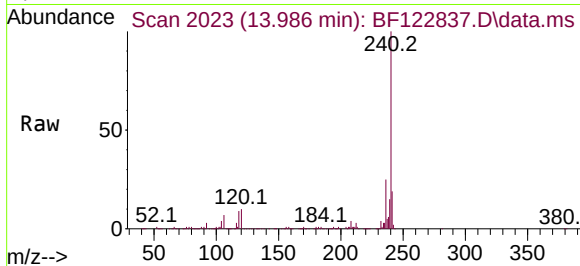




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

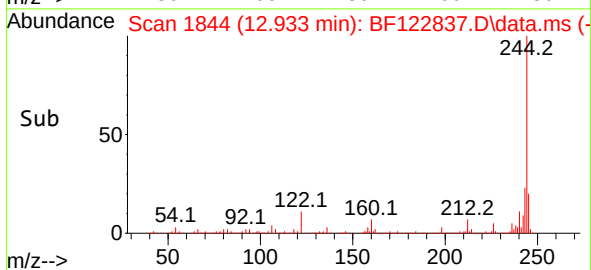
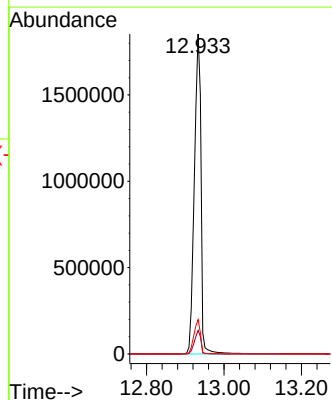
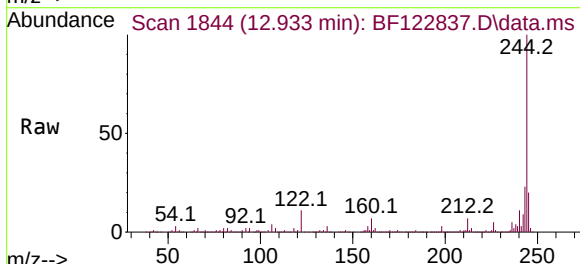
Instrument :
BNA_F
ClientSampleId :
PB133783TB

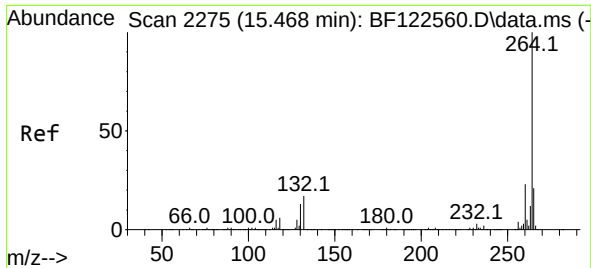
Tgt Ion:240 Resp: 684013
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 24.7 20.3 30.5



#79
Terphenyl-d14
Concen: 56.43 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122837.D
Acq: 23 Dec 2020 17:43

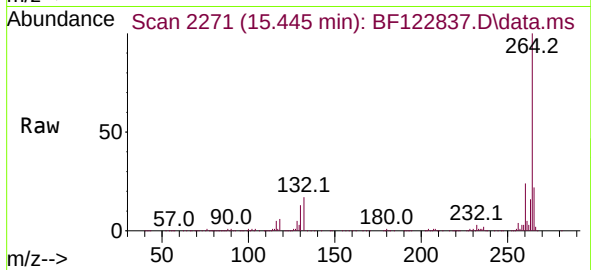
Tgt Ion:244 Resp: 2205023
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122837.D
 Acq: 23 Dec 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB133783TB



Tgt Ion:264 Resp: 633348

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.8	17.0	25.6

