

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125540.D
 Acq On : 21 Sep 2021 17:30
 Operator : JU/CG
 Sample : M3817-09RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-CB-02-(0.3)RE

Quant Time: Sep 21 18:39:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 14:40:01 2021
 Response via : Initial Calibration

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

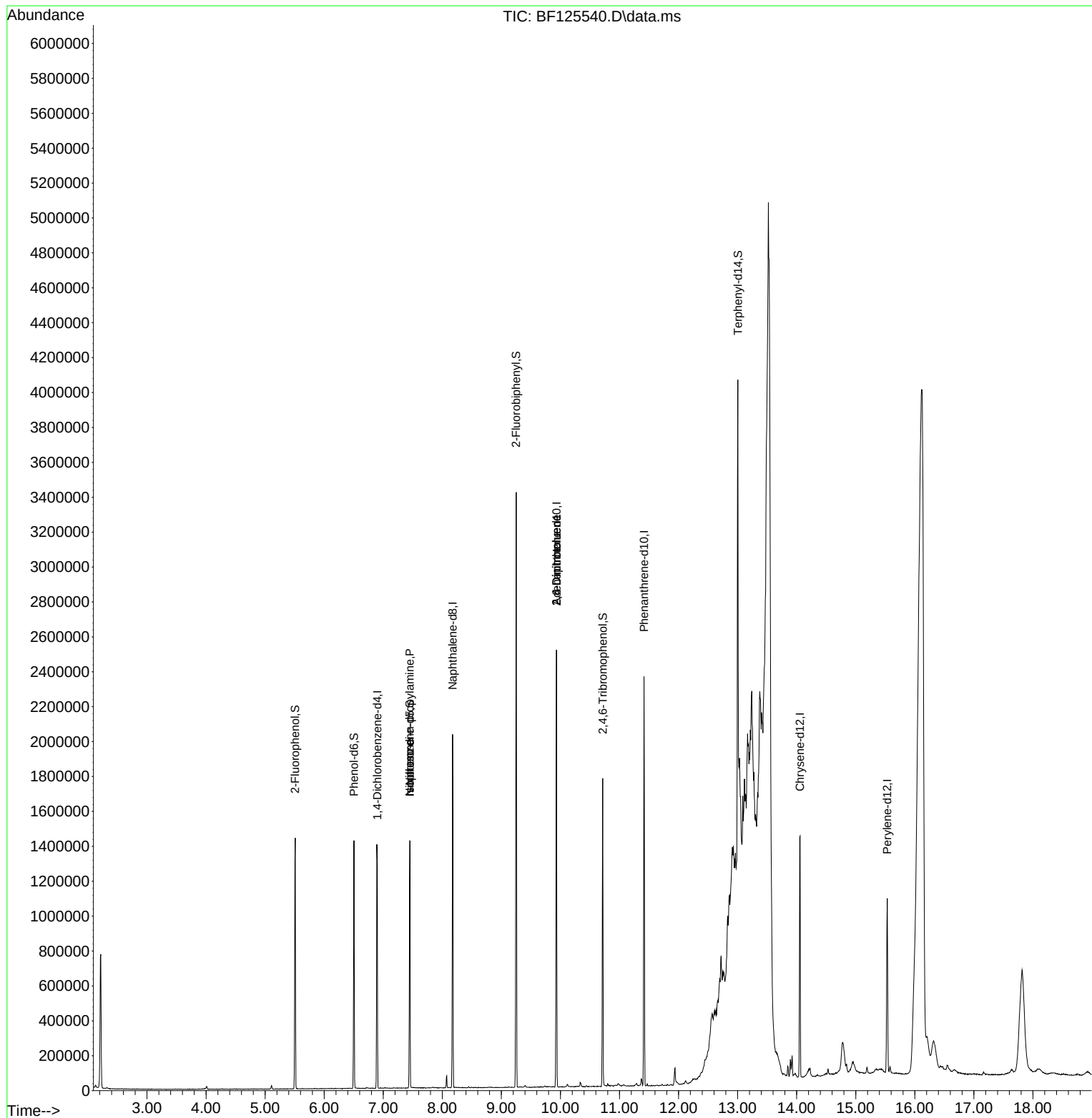
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	216826	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	906273	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	479101	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	822353	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	490231	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	424115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	418378	30.513	ng	0.00
7) Phenol-d6	6.504	99	433228	24.506	ng	-0.02
23) Nitrobenzene-d5	7.451	82	429838	30.251	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	197164	42.016	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	975335	29.473	ng	-0.01
79) Terphenyl-d14	13.004	244	878973	28.953	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	705	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	54622	5.162	ng	# 52
25) Isophorone	7.451	82	428926	14.028	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	60715	9.255	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	60715	7.723	ng	# 19

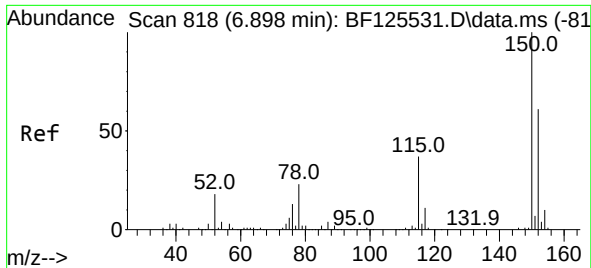
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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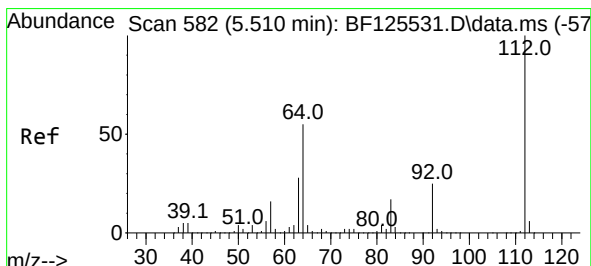
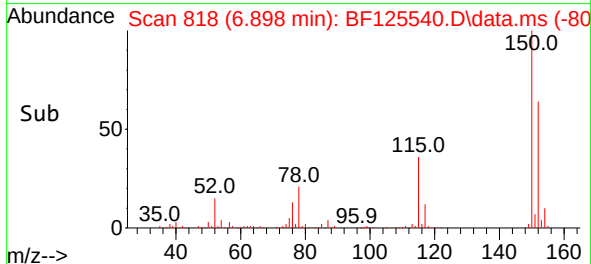
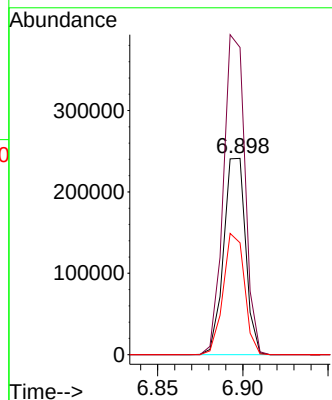
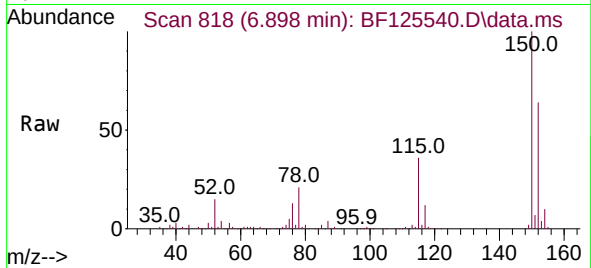




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

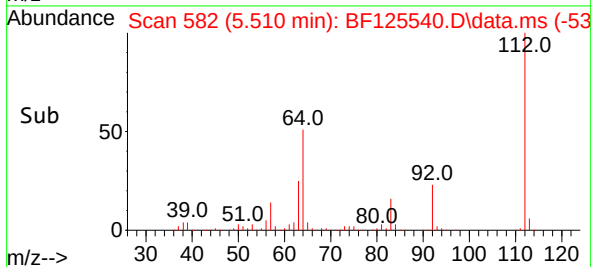
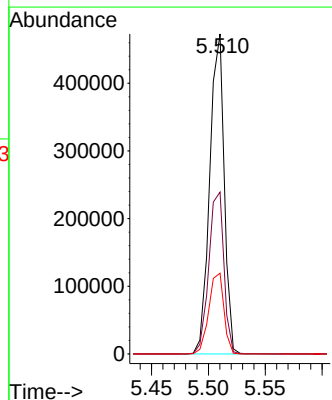
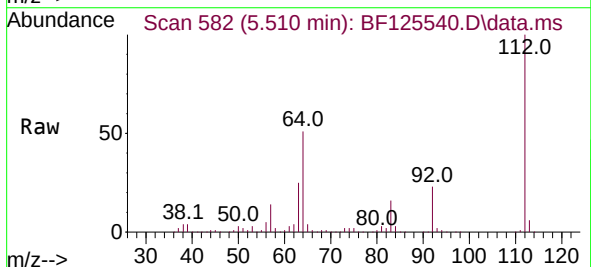
Instrument :
BNA_F
ClientSampleId :
SW-CB-02-(0.3)RE

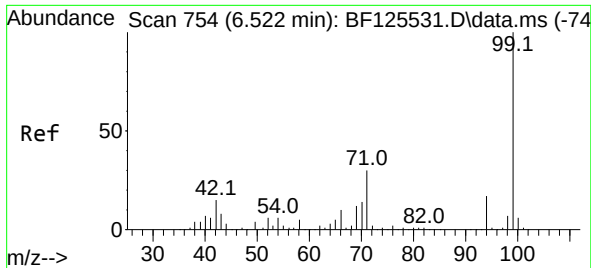
Tgt Ion:152 Resp: 216826
Ion Ratio Lower Upper
152 100
150 156.4 117.6 176.4
115 56.9 47.1 70.7



#5
2-Fluorophenol
Concen: 30.513 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

Tgt Ion:112 Resp: 418378
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 25.3 26.2 39.2#

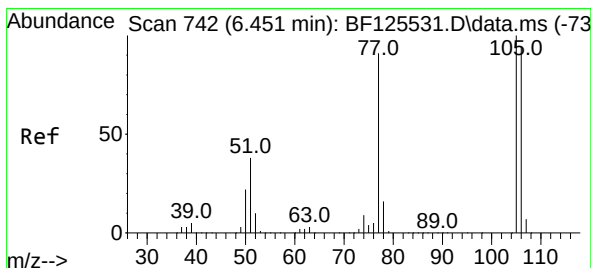
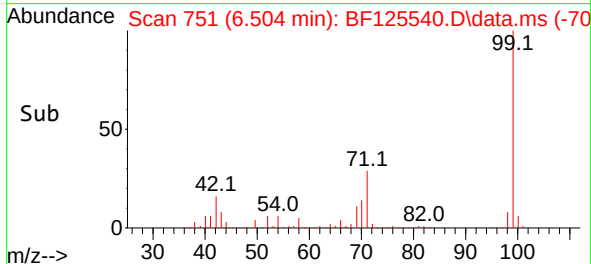
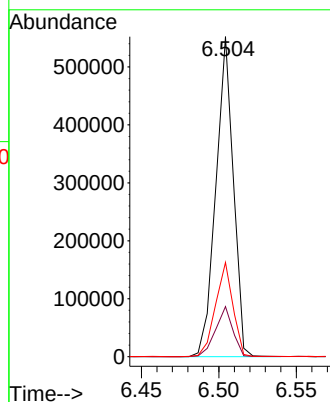
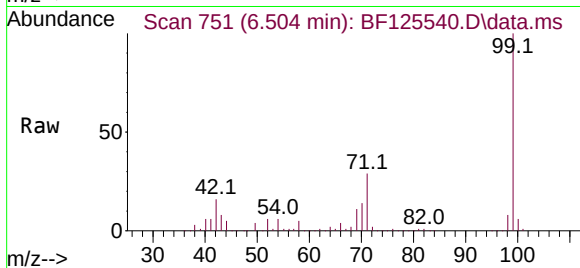




#7
Phenol-d6
Concen: 24.506 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

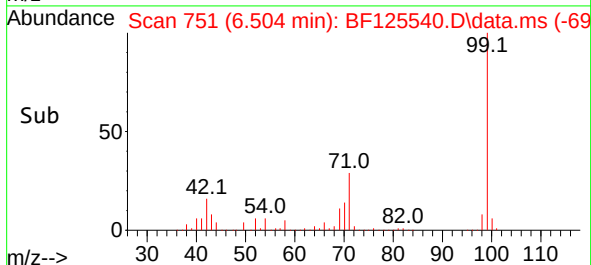
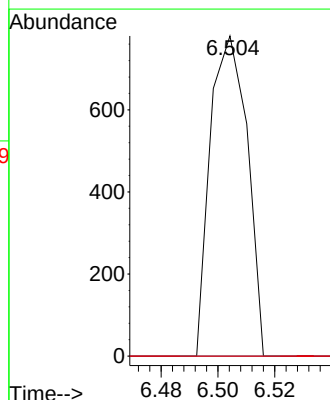
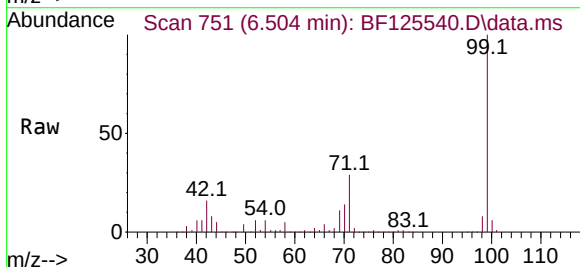
Instrument :
BNA_F
ClientSampleId :
SW-CB-02-(0.3)RE

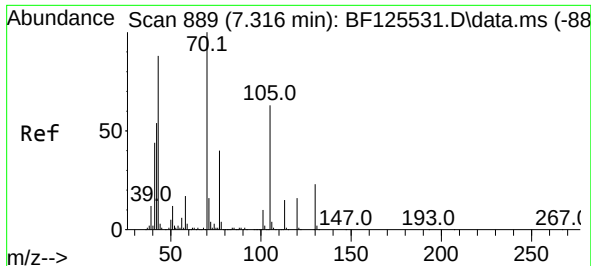
Tgt Ion: 99 Resp: 433228
Ion Ratio Lower Upper
99 100
42 15.7 23.5 35.3#
71 29.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.053 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

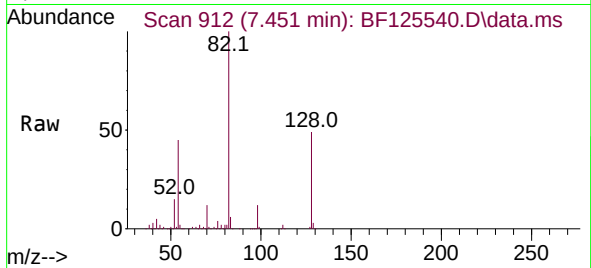
Tgt Ion: 77 Resp: 705
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



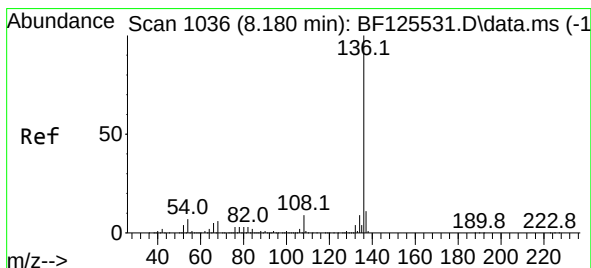
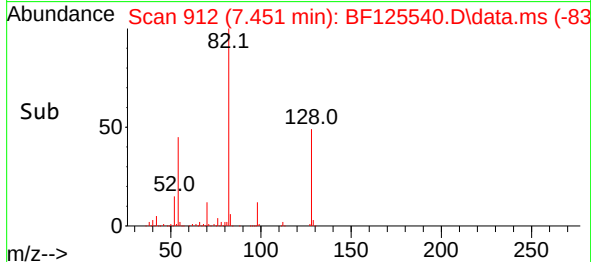
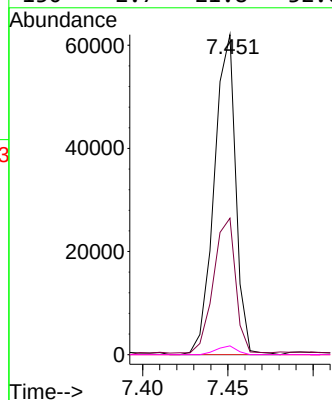


#19
n-Nitroso-di-n-propylamine
Concen: 5.162 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

Instrument :
BNA_F
ClientSampleId :
SW-CB-02-(0.3)RE

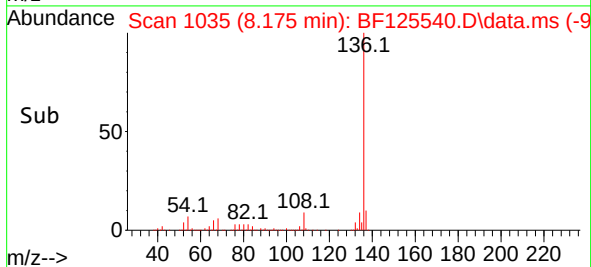
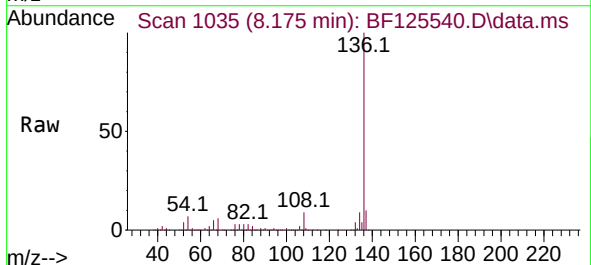
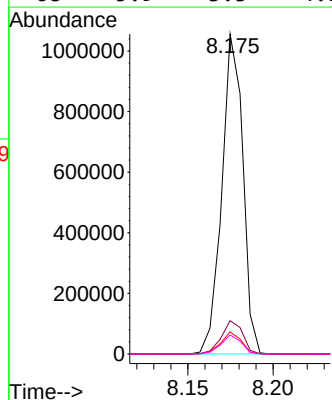


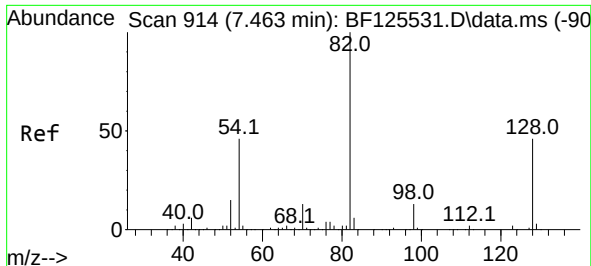
Tgt Ion:	70	Resp:	54622
Ion	Ratio	Lower	Upper
70	100		
42	42.7	72.2	108.2#
101	0.0	7.8	11.8#
130	2.7	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

Tgt Ion:	136	Resp:	906273
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	6.9	6.4	9.6
68	5.9	3.3	4.9#

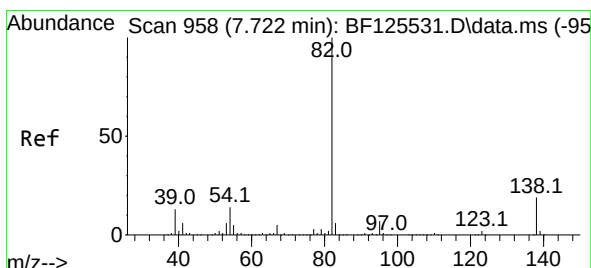
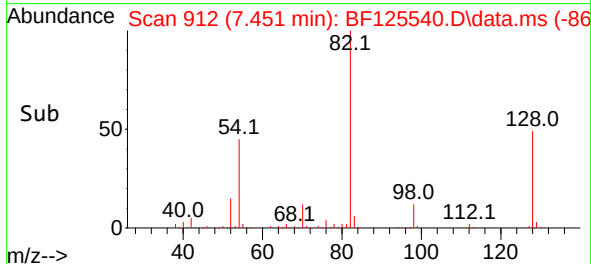
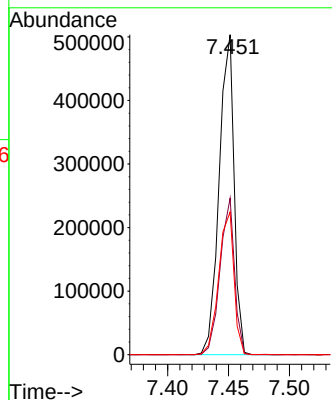
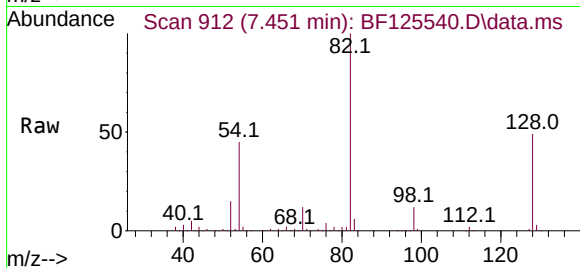




#23
Nitrobenzene-d5
Concen: 30.251 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

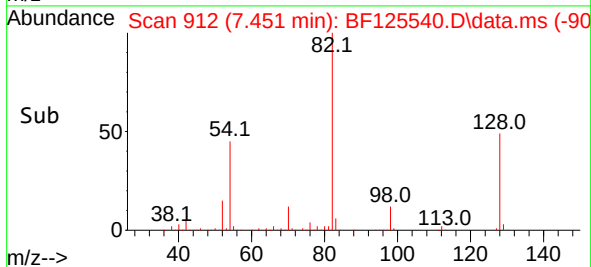
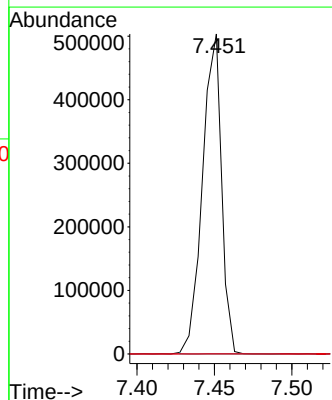
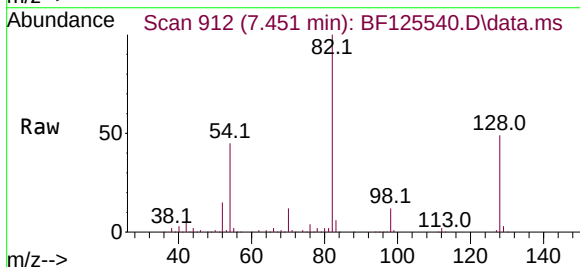
Instrument :
BNA_F
ClientSampleId :
SW-CB-02-(0.3)RE

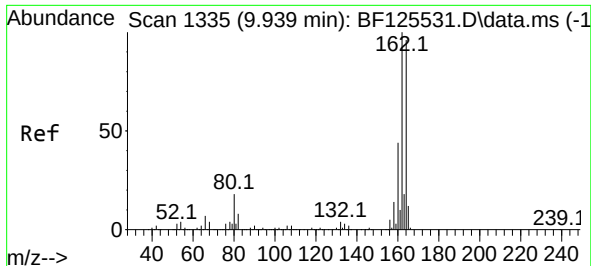
Tgt Ion: 82 Resp: 429838
Ion Ratio Lower Upper
82 100
128 48.9 40.6 60.8
54 44.6 49.6 74.4#



#25
Isophorone
Concen: 14.028 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

Tgt Ion: 82 Resp: 428926
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125540.D

Acq: 21 Sep 2021 17:30

Instrument :

BNA_F

ClientSampleId :

SW-CB-02-(0.3)RE

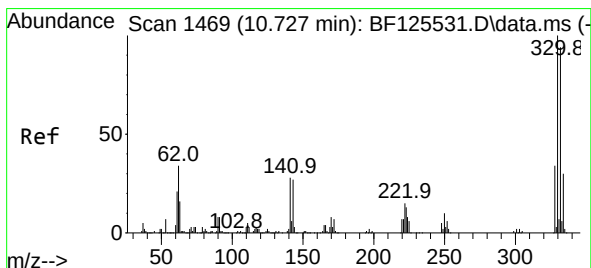
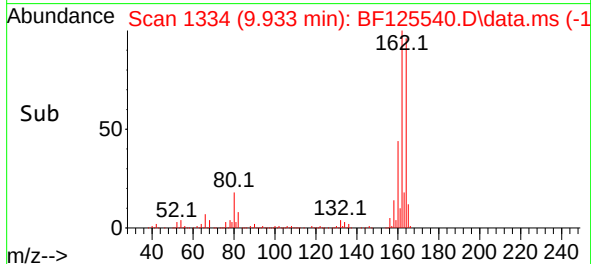
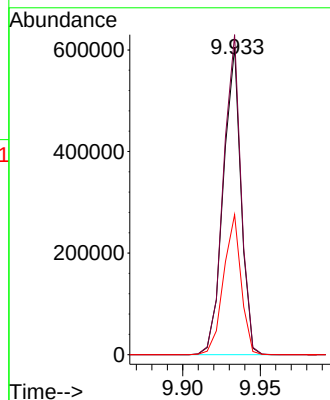
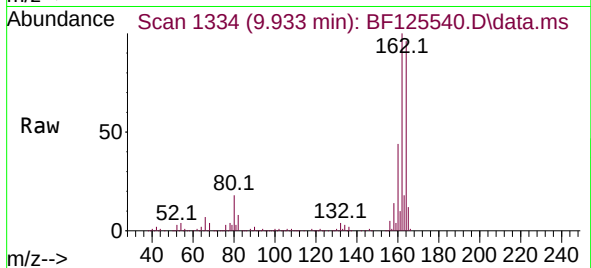
Tgt Ion:164 Resp: 479101

Ion Ratio Lower Upper

164 100

162 104.1 81.3 121.9

160 45.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 42.016 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF125540.D

Acq: 21 Sep 2021 17:30

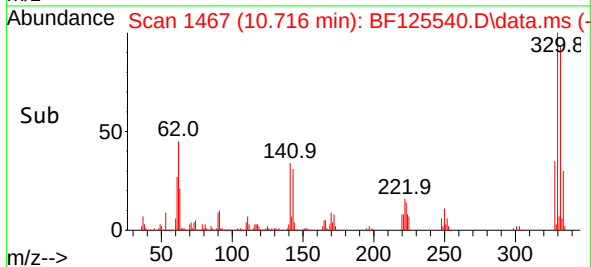
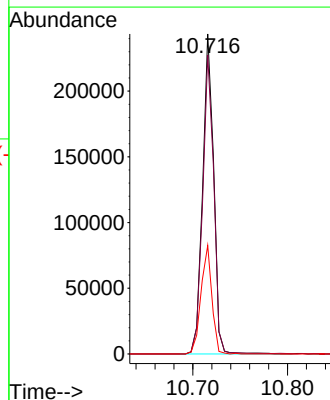
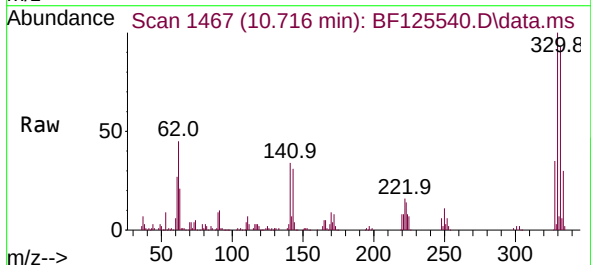
Tgt Ion:330 Resp: 197164

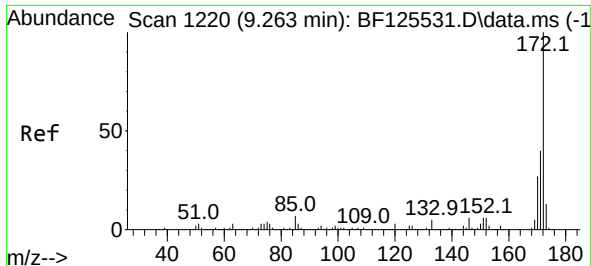
Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

141 33.6 44.6 66.8#

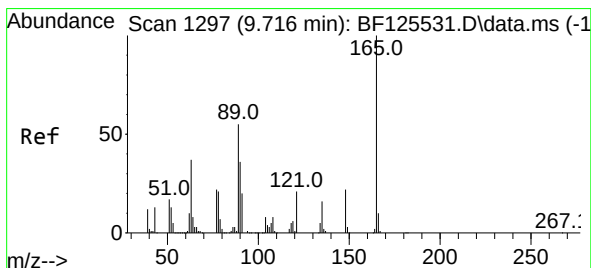
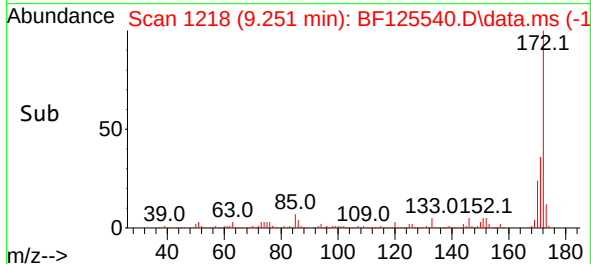
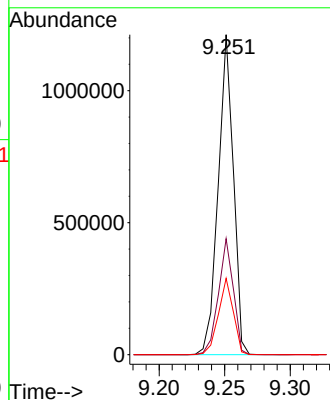
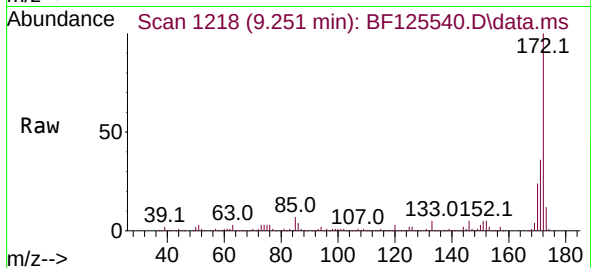




#45
2-Fluorobiphenyl
Concen: 29.473 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

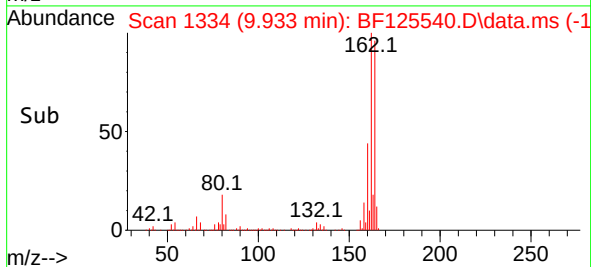
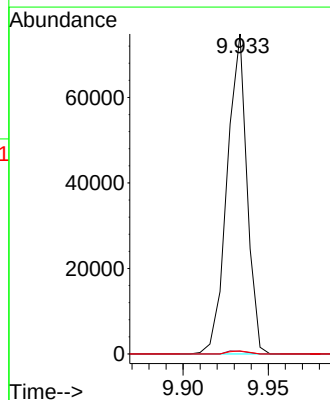
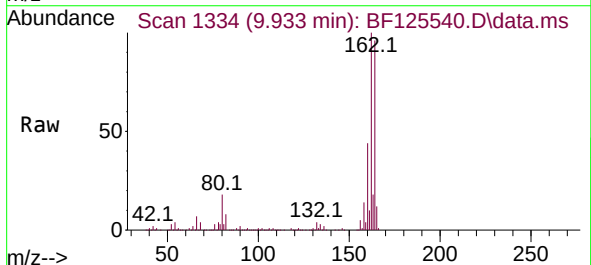
Instrument :
BNA_F
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SW-CB-02-(0.3)RE

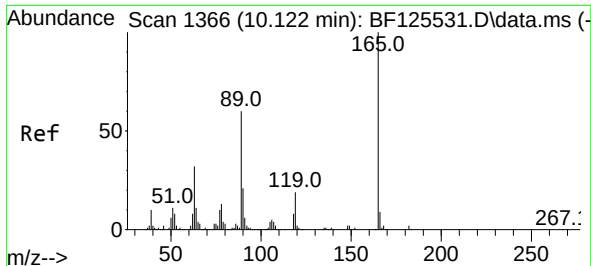
Tgt Ion:172 Resp: 975335
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.255 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

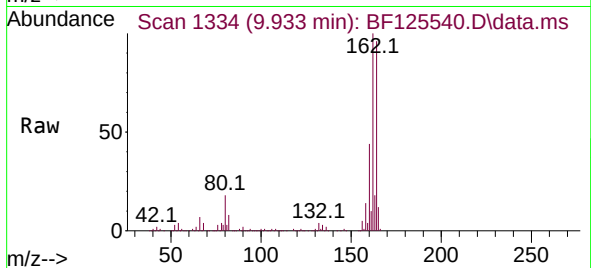
Tgt Ion:165 Resp: 60715
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.0 40.6 60.8#



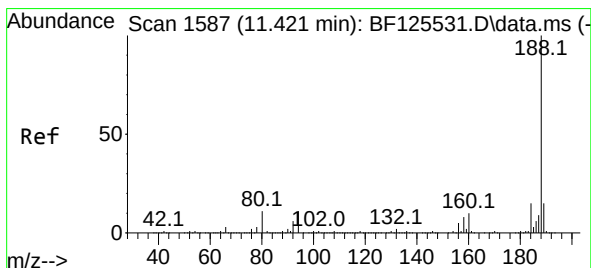
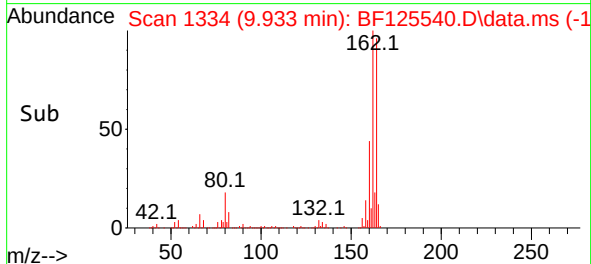
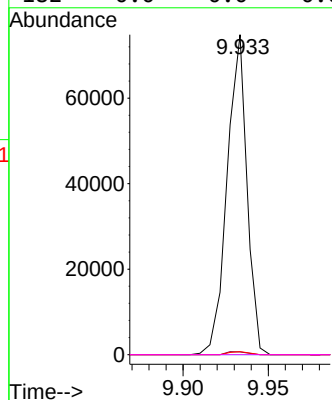


#57
2,4-Dinitrotoluene
Concen: 7.723 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

Instrument :
BNA_F
ClientSampleId :
SW-CB-02-(0.3)RE

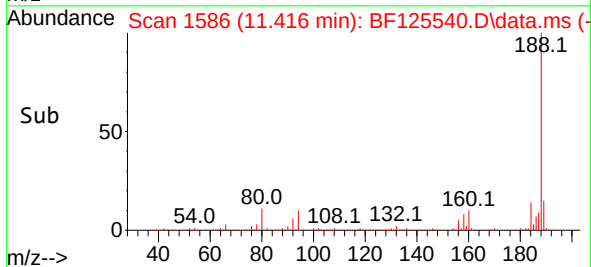
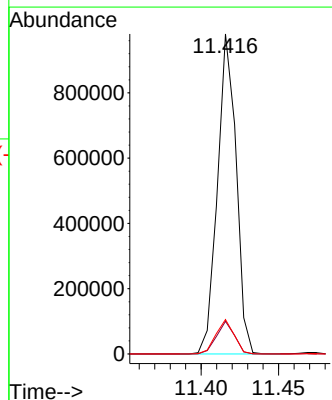
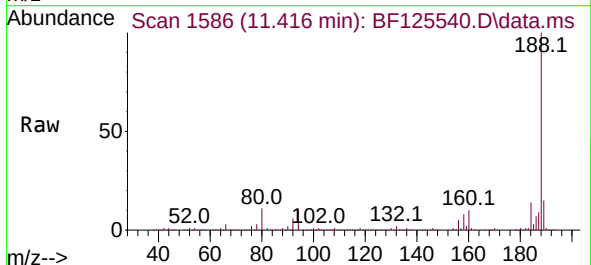


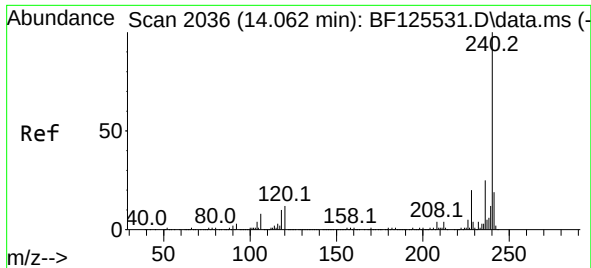
Tgt Ion:165 Resp: 60715
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

Tgt Ion:188 Resp: 822353
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.7 7.5 11.3

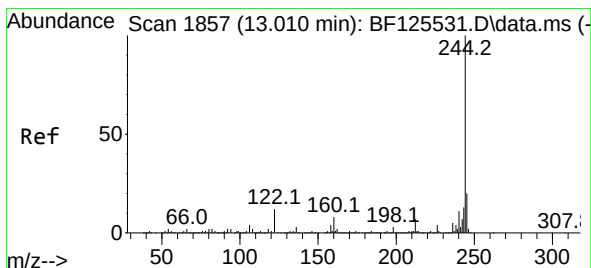
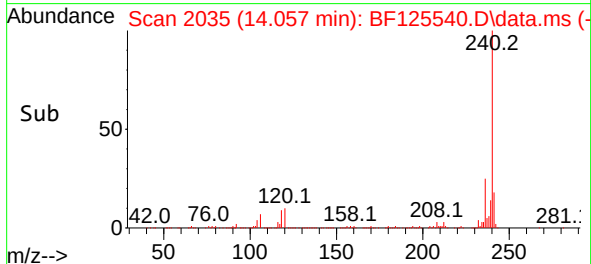
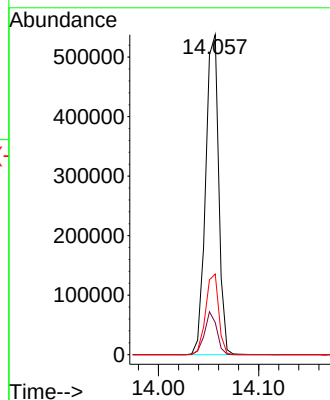
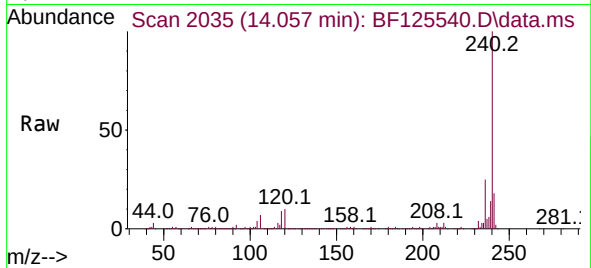




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

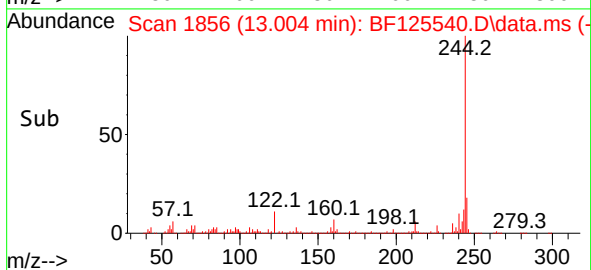
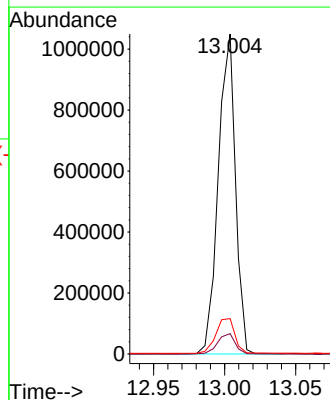
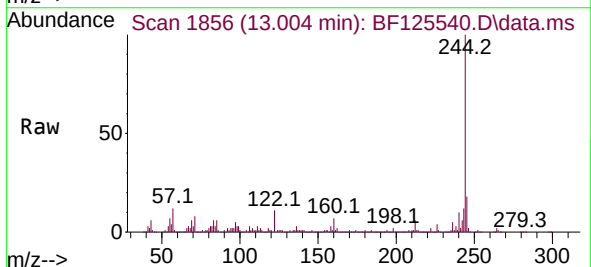
Instrument :
BNA_F
ClientSampleId :
SW-CB-02-(0.3)RE

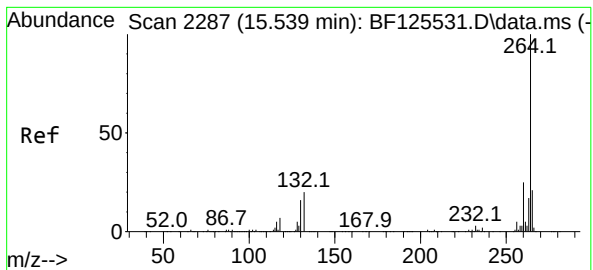
Tgt Ion:240 Resp: 490231
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 28.953 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125540.D
Acq: 21 Sep 2021 17:30

Tgt Ion:244 Resp: 878973
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF125540.D
 Acq: 21 Sep 2021 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SW-CB-02-(0.3)RE

Tgt Ion:264	Resp:	424115
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.6 29.4
265	20.3	17.2 25.8

