

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137821.D
 Acq On : 02 May 2024 18:21
 Operator : CG\JU
 Sample : P2323-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 03 02:23:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

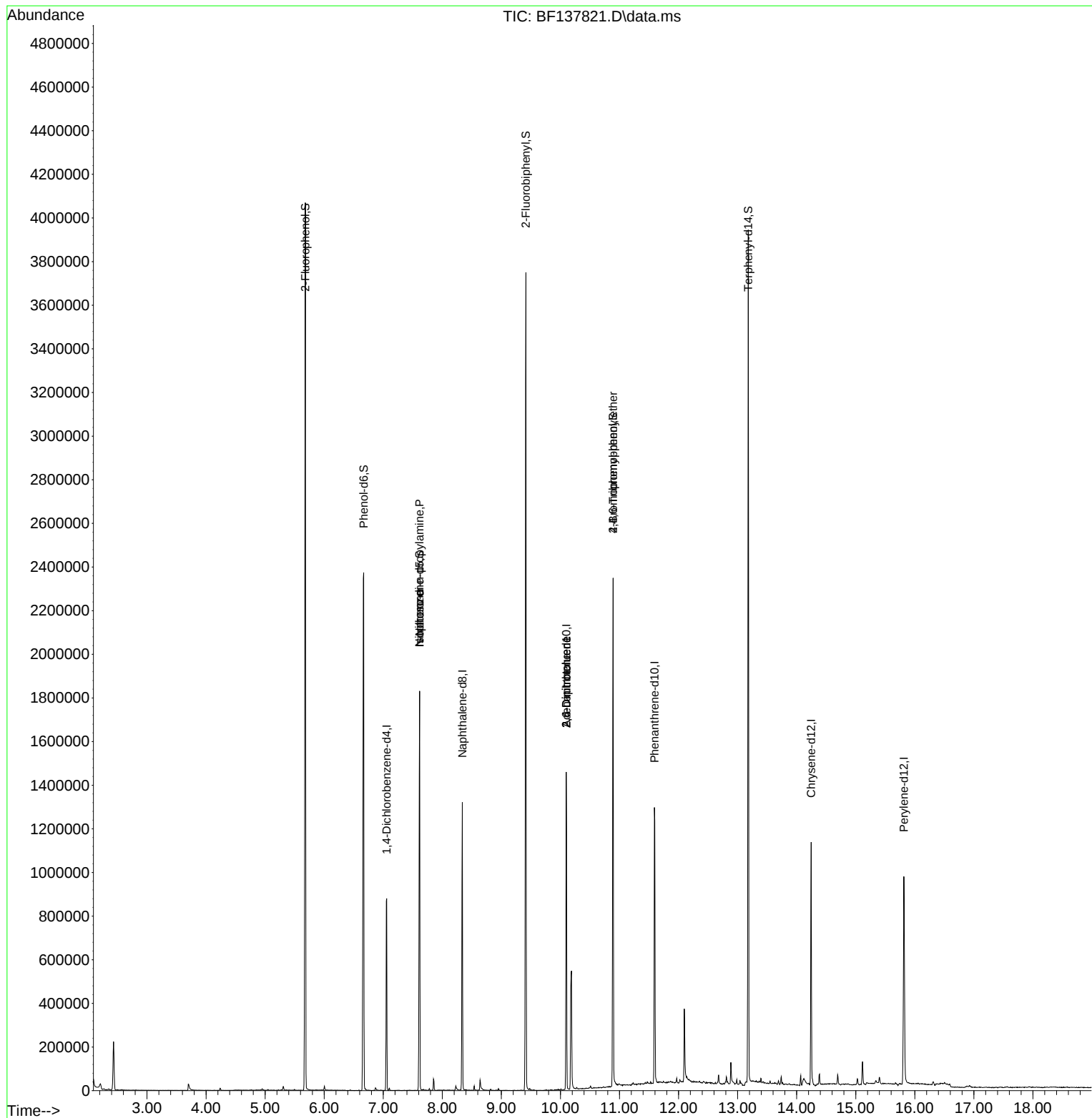
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	136510	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	539889	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	307471	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	486662	20.000	ng	0.00
76) Chrysene-d12	14.245	240	347904	20.000	ng	0.00
86) Perylene-d12	15.815	264	432137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1097551	134.614	ng	0.00
7) Phenol-d6	6.669	99	949828	91.845	ng	0.00
23) Nitrobenzene-d5	7.616	82	575153	61.893	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	280278	89.279	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1174616	61.978	ng	0.00
79) Terphenyl-d14	13.180	244	1284120	61.856	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	77009	12.460	ng	# 75
25) Isophorone	7.616	82	575145	34.327	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	39243	8.847	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	39243	6.772	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	18517	3.555	ng	# 1

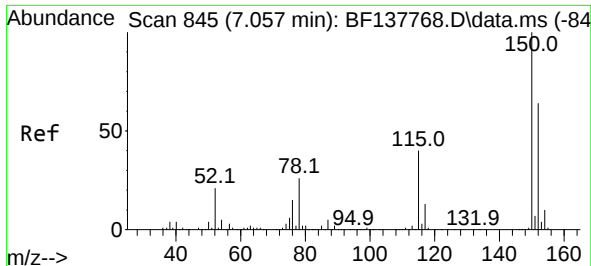
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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BNA_F
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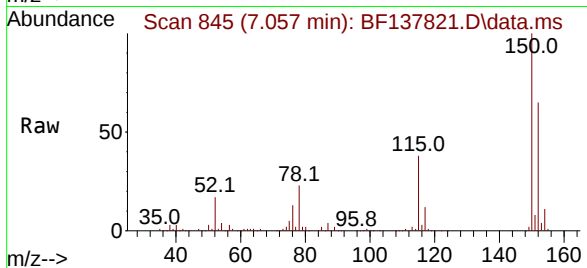
Quant Time: May 03 02:23:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
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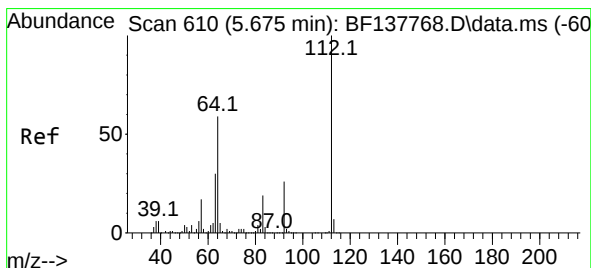
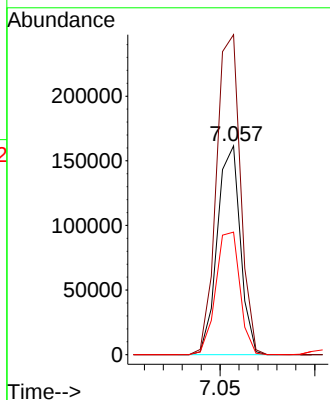
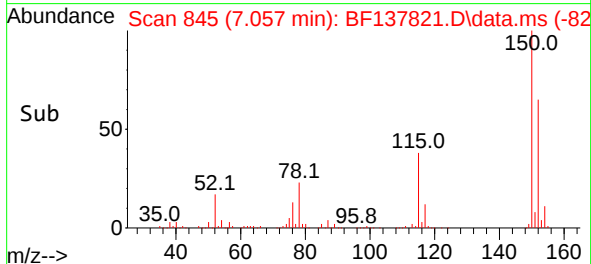


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

Instrument :
BNA_F
ClientSampleId :

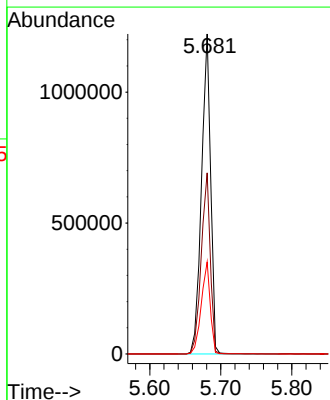
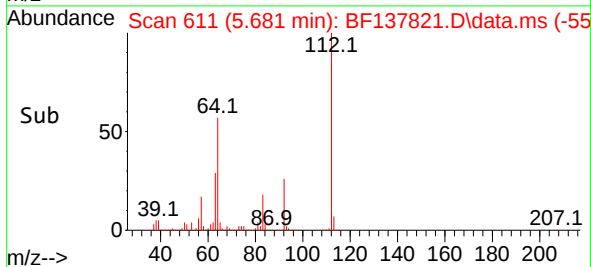
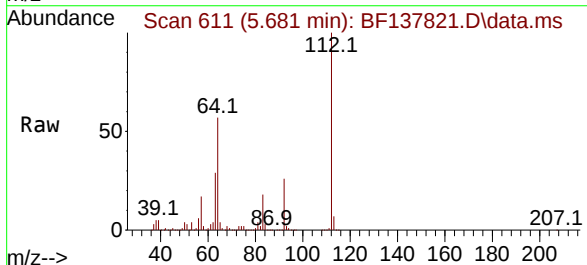


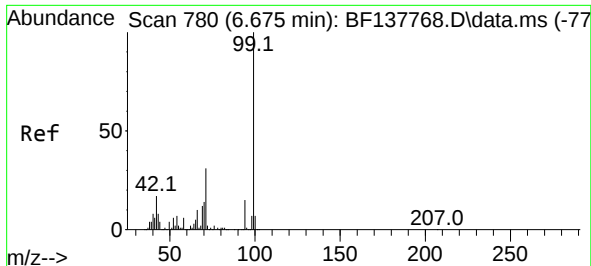
Tgt Ion:152 Resp: 136510
Ion Ratio Lower Upper
152 100
150 153.3 124.1 186.1
115 58.7 49.1 73.7



#5
2-Fluorophenol
Concen: 134.614 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

Tgt Ion:112 Resp: 1097551
Ion Ratio Lower Upper
112 100
64 56.6 47.3 70.9
63 28.7 23.7 35.5

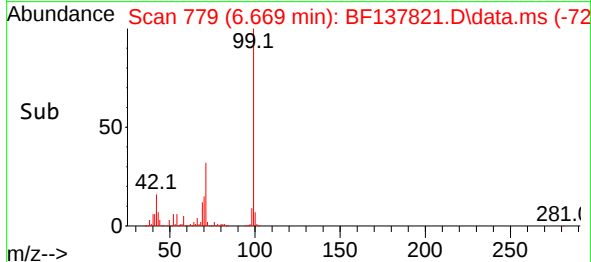
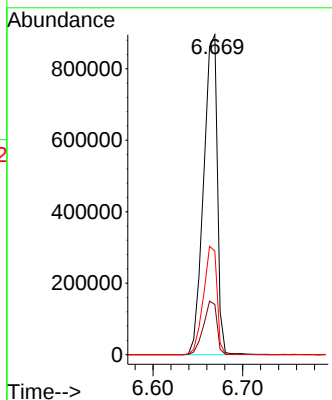
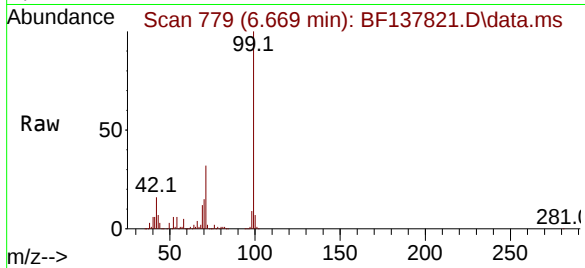




#7
Phenol-d6
Concen: 91.845 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

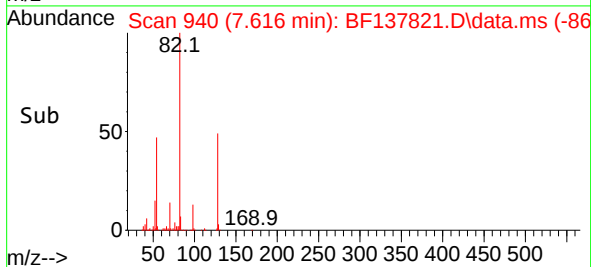
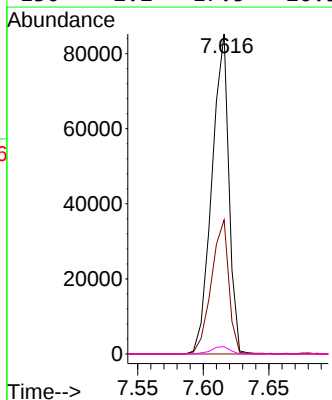
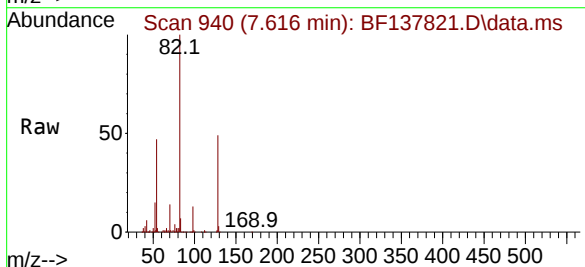
Instrument :
BNA_F
ClientSampleId :

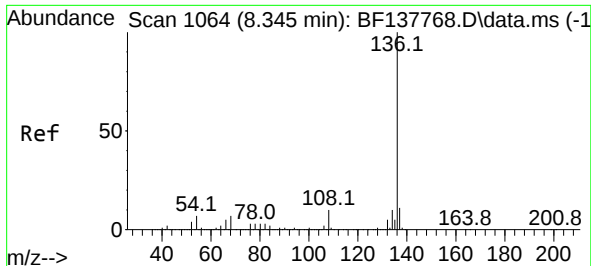
Tgt Ion: 99 Resp: 949828
Ion Ratio Lower Upper
99 100
42 15.7 13.2 19.8
71 32.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.460 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

Tgt Ion: 70 Resp: 77009
Ion Ratio Lower Upper
70 100
42 41.9 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#



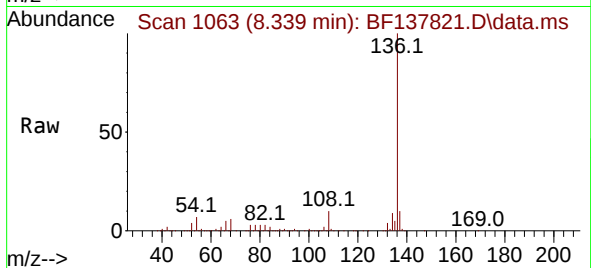


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

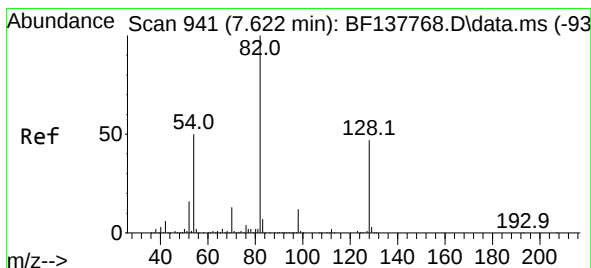
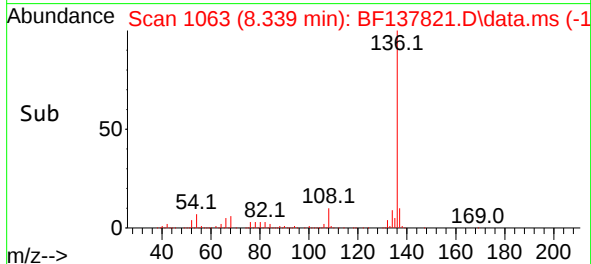
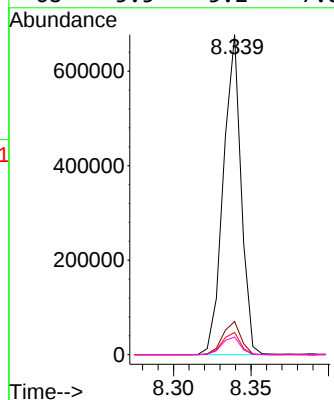
Instrument :

BNA_F

ClientSampleId :

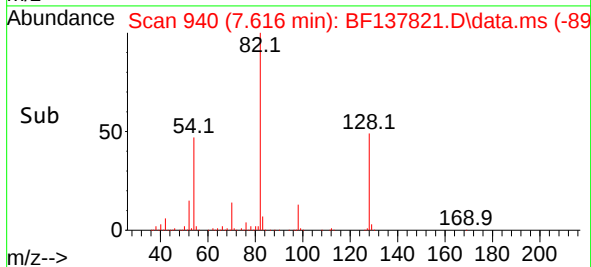
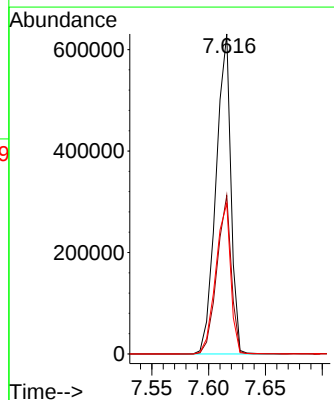
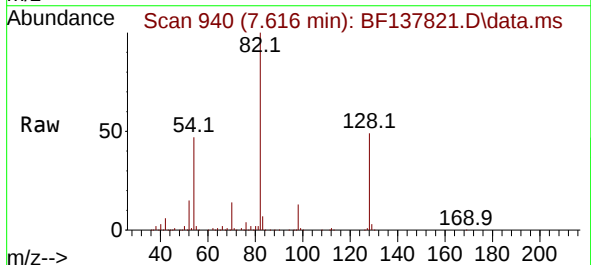


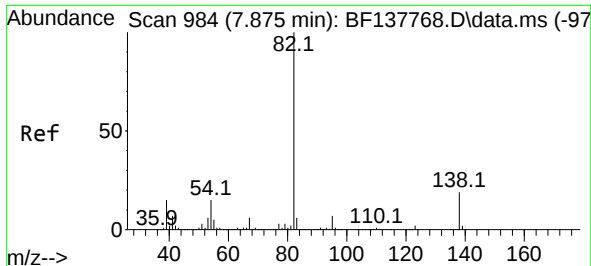
Tgt Ion:136 Resp: 539889
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.0 5.8 8.8
68 5.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.893 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

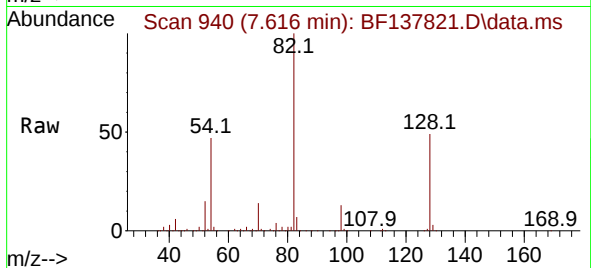
Tgt Ion: 82 Resp: 575153
Ion Ratio Lower Upper
82 100
128 49.5 37.5 56.3
54 47.1 39.8 59.6



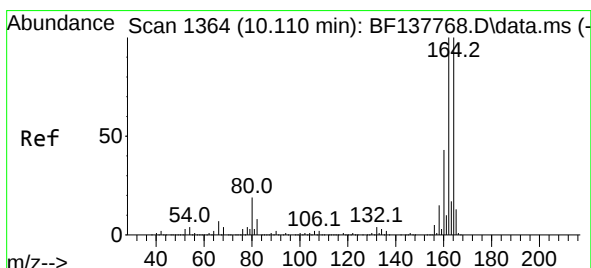
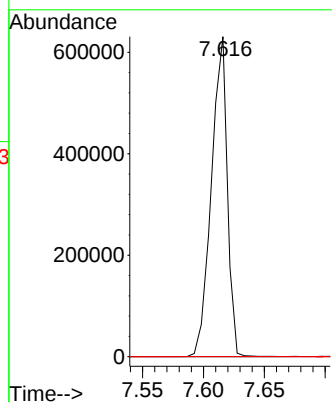
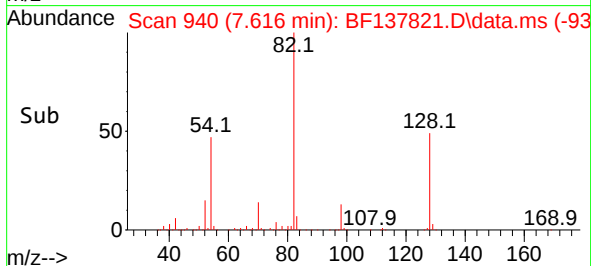


#25
Isophorone
Concen: 34.327 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

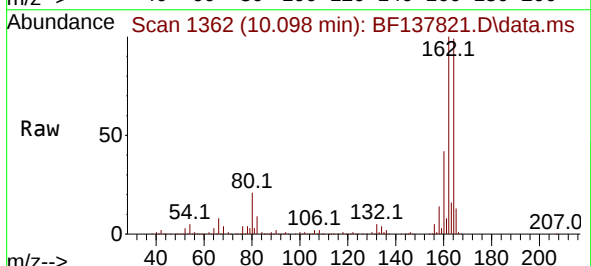
Instrument :
BNA_F
ClientSampleId :



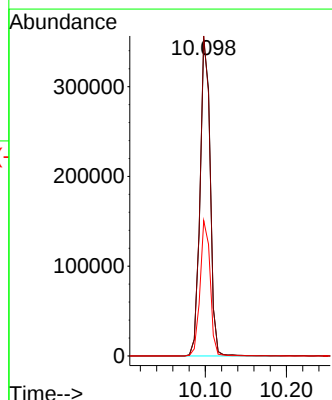
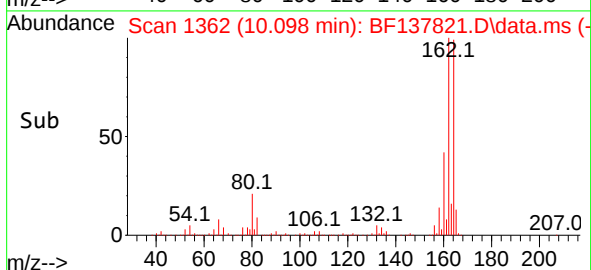
Tgt Ion: 82 Resp: 575145
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21



Tgt Ion: 164 Resp: 307471
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.6
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 89.279 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137821.D

Acq: 02 May 2024 18:21

Instrument :

BNA_F

ClientSampleId :

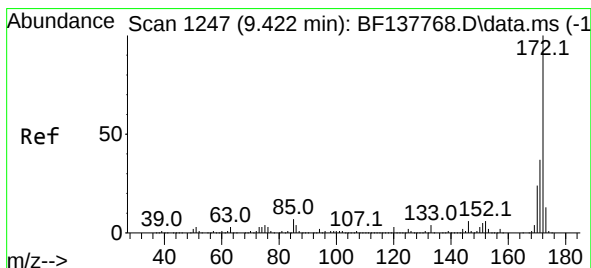
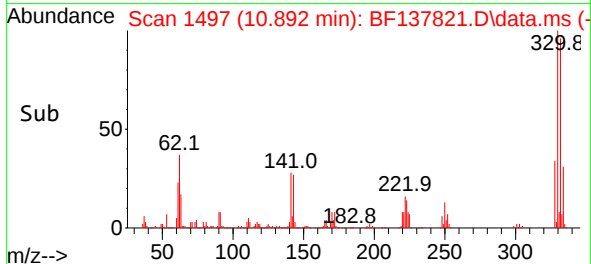
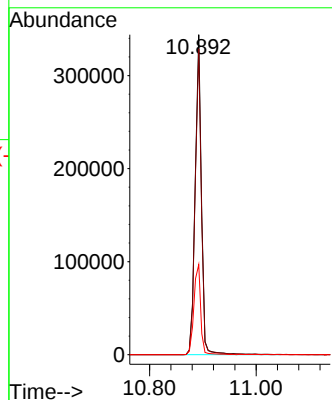
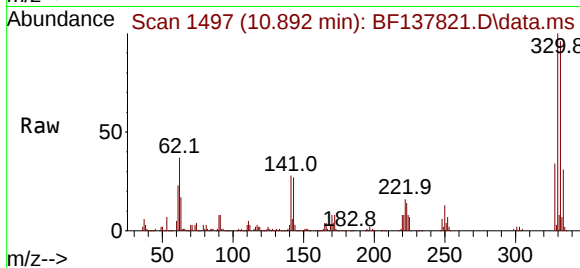
Tgt Ion:330 Resp: 280278

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 30.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 61.978 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137821.D

Acq: 02 May 2024 18:21

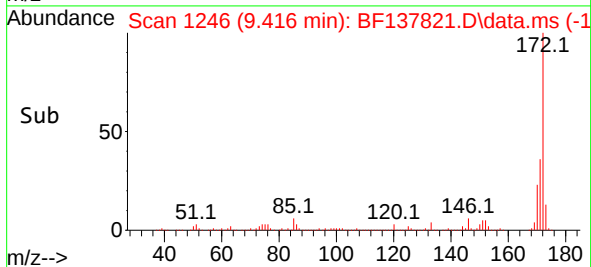
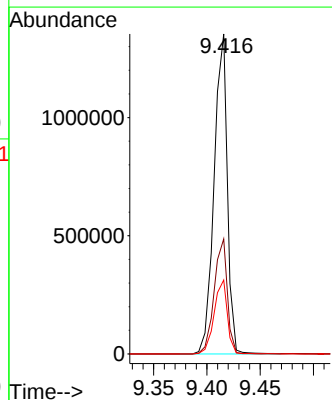
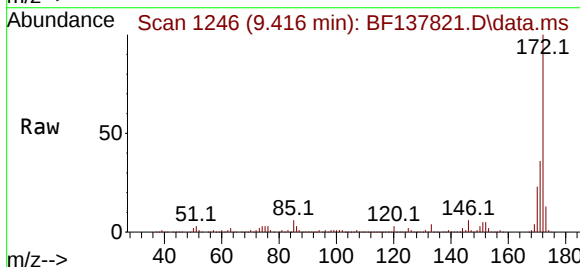
Tgt Ion:172 Resp: 1174616

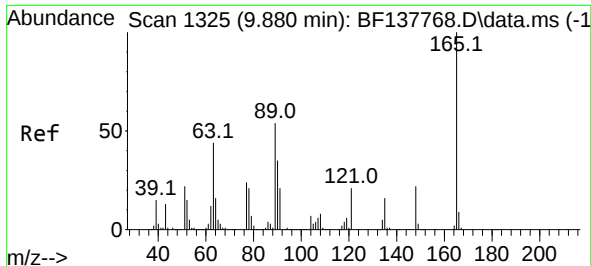
Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.1 19.4 29.2

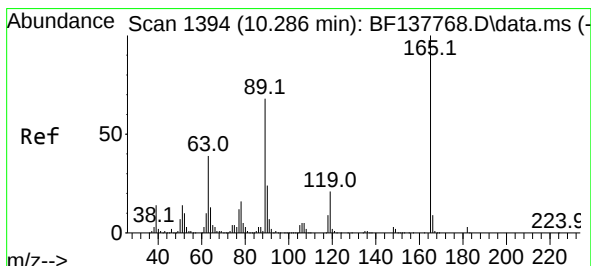
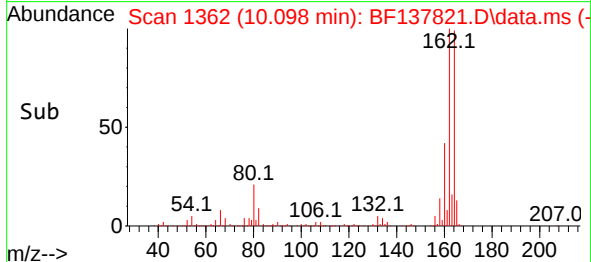
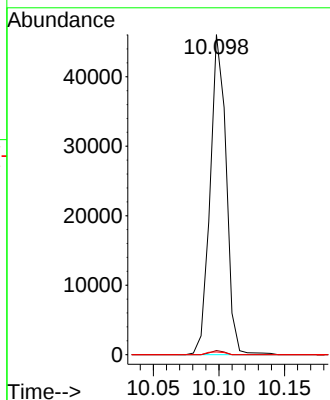
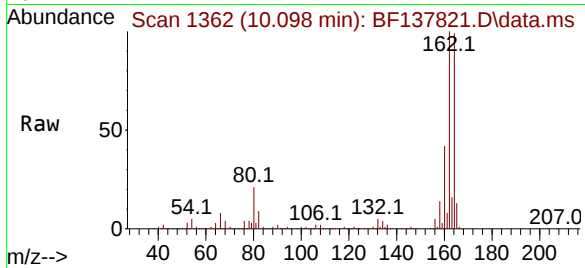




#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

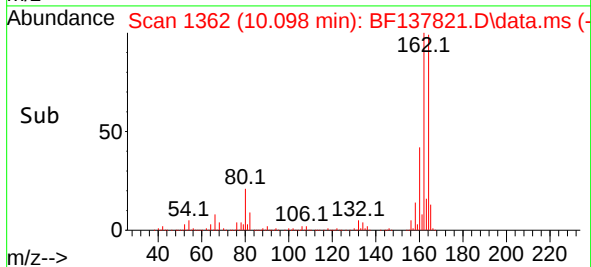
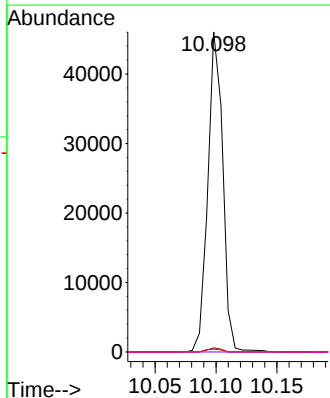
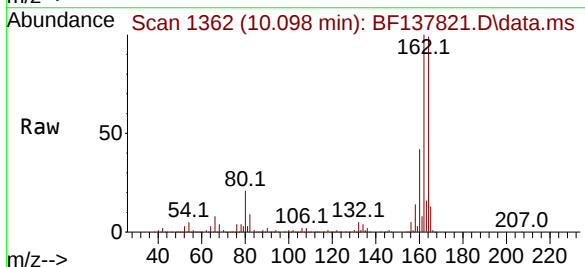
Instrument :
BNA_F
ClientSampleId :

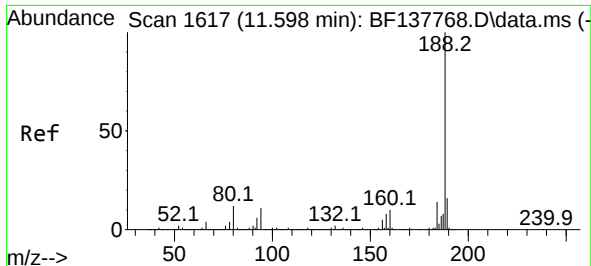
Tgt Ion:165 Resp: 39243
Ion Ratio Lower Upper
165 100
63 1.3 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

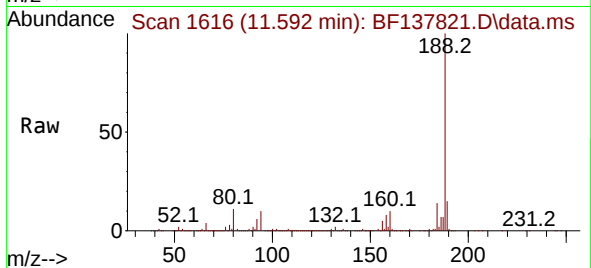
Tgt Ion:165 Resp: 39243
Ion Ratio Lower Upper
165 100
63 1.3 31.3 46.9#
89 0.9 54.2 81.4#
182 0.0 2.2 3.2#



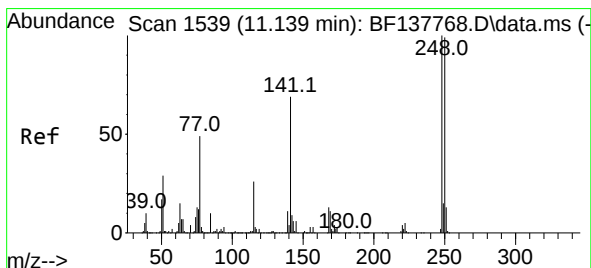
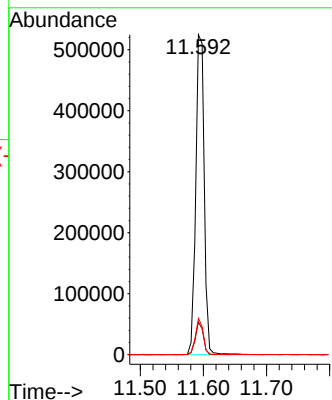
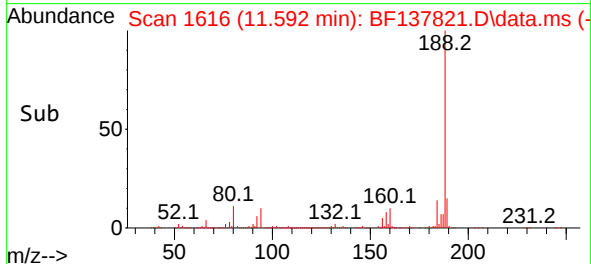


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

Instrument :
BNA_F
ClientSampleId :

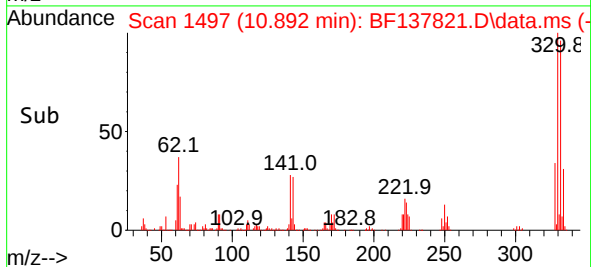
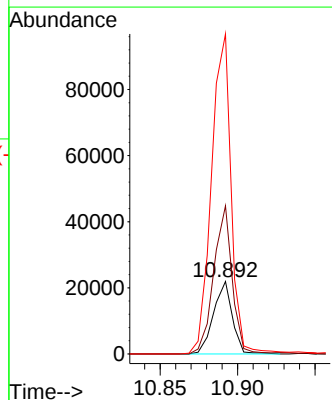
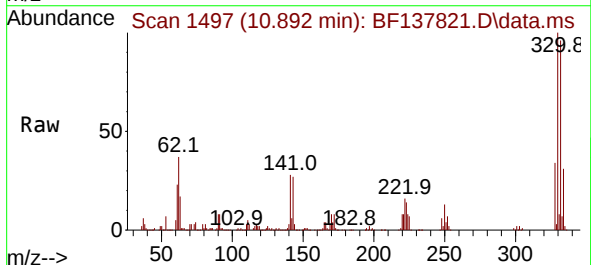


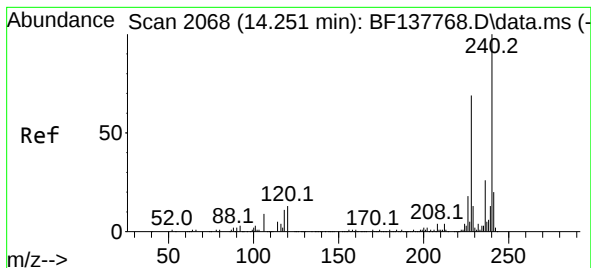
Tgt Ion:188 Resp: 486662
Ion Ratio Lower Upper
188 100
94 10.2 8.8 13.2
80 11.3 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 3.555 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.247 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

Tgt Ion:248 Resp: 18517
Ion Ratio Lower Upper
248 100
250 204.3 79.1 118.7#
141 441.3 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137821.D

Acq: 02 May 2024 18:21

Instrument :

BNA_F

ClientSampleId :

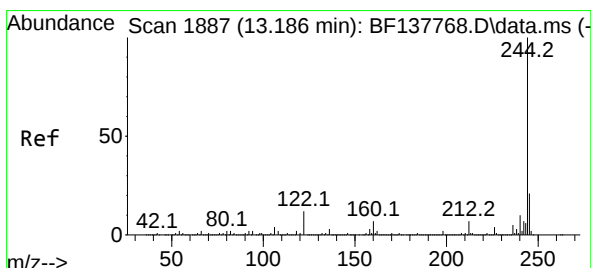
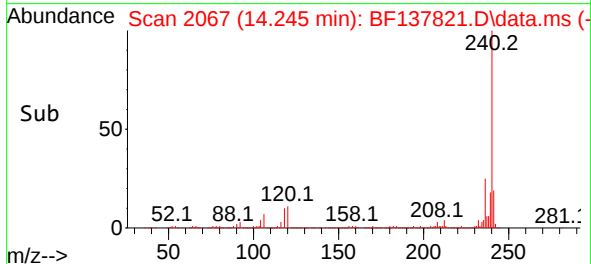
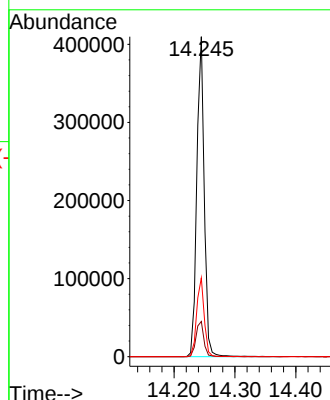
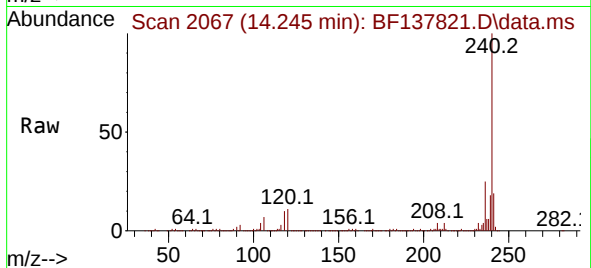
Tgt Ion:240 Resp: 347904

Ion Ratio Lower Upper

240 100

120 11.0 10.4 15.6

236 24.6 20.4 30.6



#79

Terphenyl-d14

Concen: 61.856 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137821.D

Acq: 02 May 2024 18:21

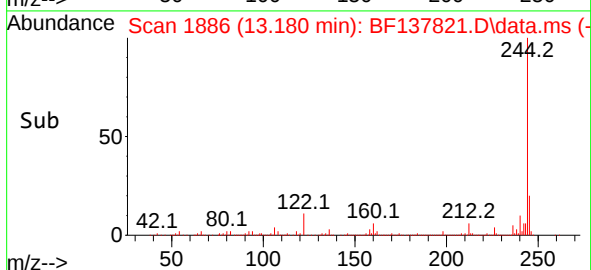
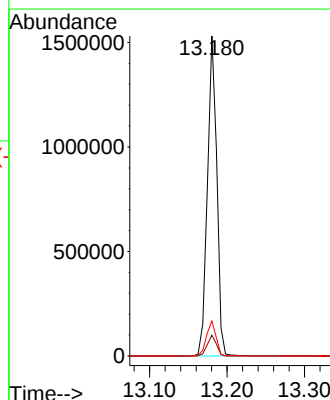
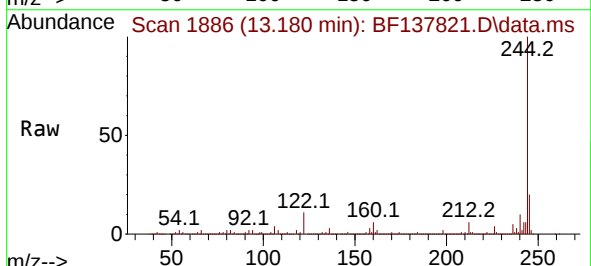
Tgt Ion:244 Resp: 1284120

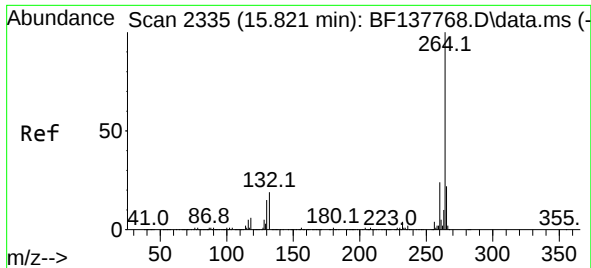
Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

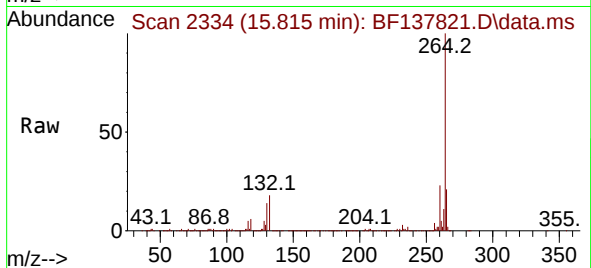
122 11.0 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137821.D
 Acq: 02 May 2024 18:21

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 432137
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 20.9 17.4 26.0

