

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140205.D
 Acq On : 01 Nov 2024 11:40
 Operator : RC/JU
 Sample : P4643-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 12:39:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

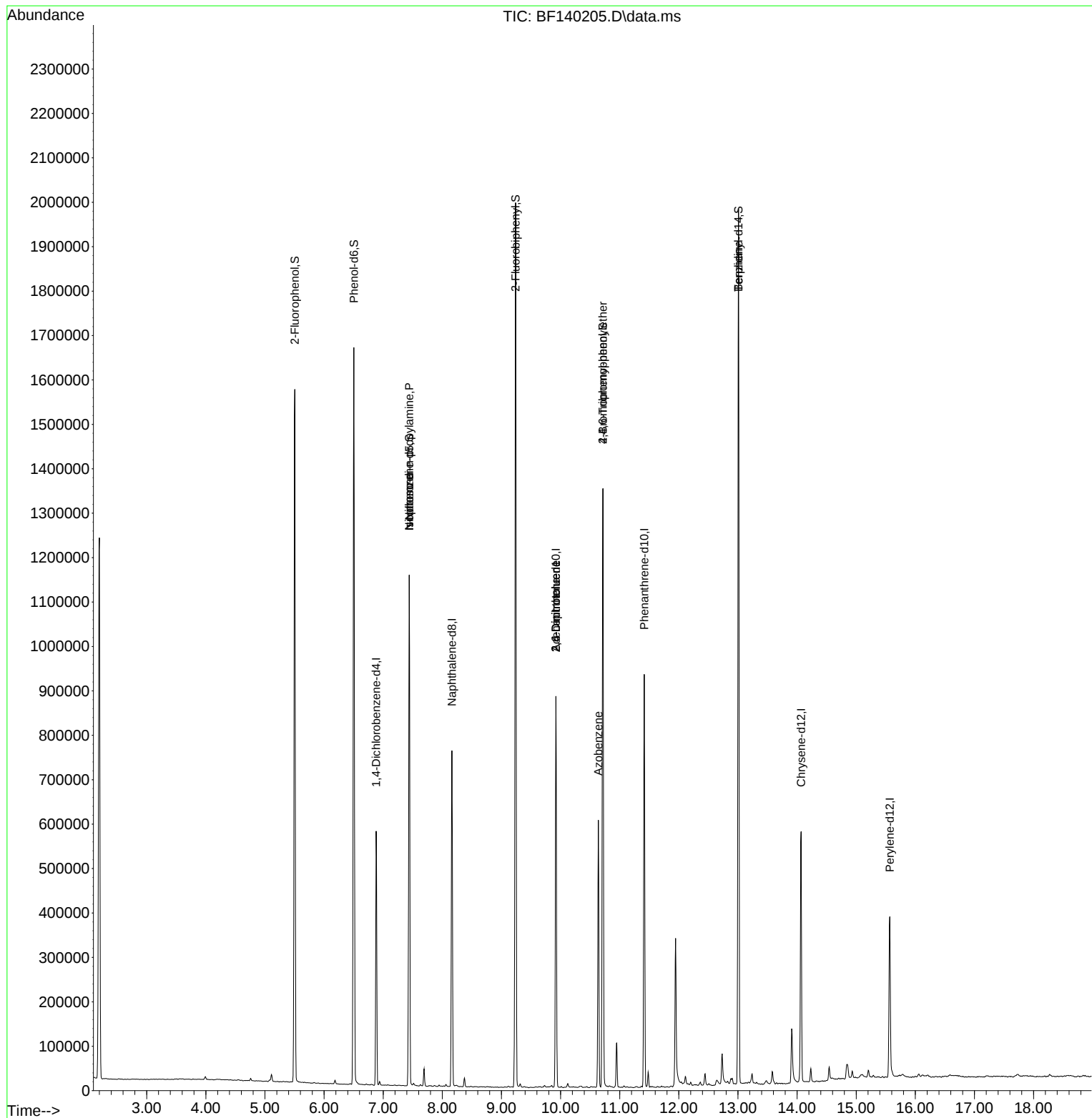
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	112621	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	451056	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	258934	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	480016	20.000	ng	0.00
76) Chrysene-d12	14.068	240	267187	20.000	ng	0.02
86) Perylene-d12	15.568	264	217568	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	558976	77.700	ng	0.00
7) Phenol-d6	6.504	99	753458	80.866	ng	0.00
23) Nitrobenzene-d5	7.439	82	504817	62.030	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	224079	92.519	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	884684	56.467	ng	-0.01
79) Terphenyl-d14	13.010	244	962351	58.690	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	68227	12.074	ng	# 79
25) Isophorone	7.439	82	501487	32.466	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33173	9.499	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	33173	7.725	ng	# 21
63) Azobenzene	10.639	77	152747	9.098	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	14988	3.031	ng	# 1
77) Benzidine	13.010	184	12886	2.933	ng	# 91

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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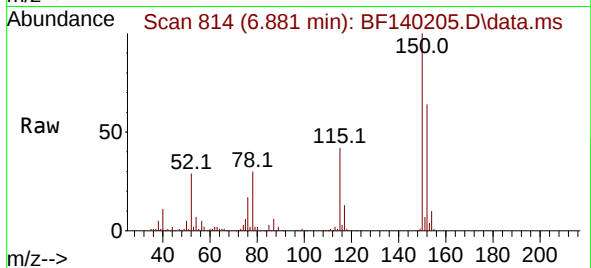
Quant Time: Nov 01 12:39:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration



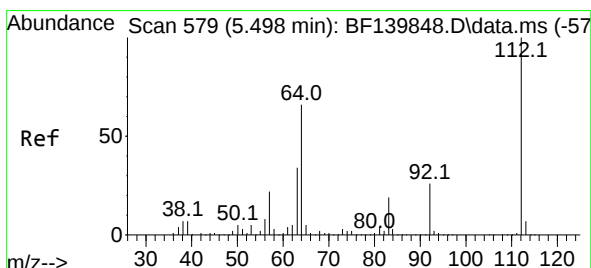
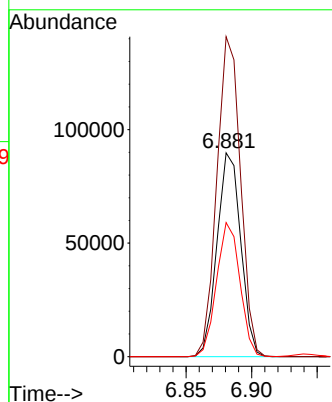
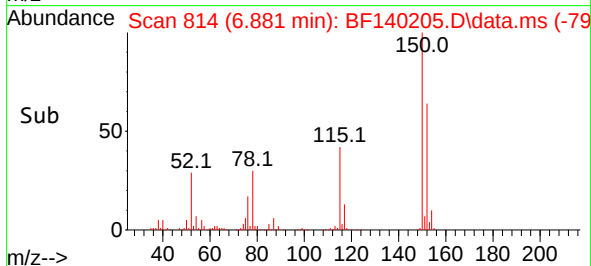


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

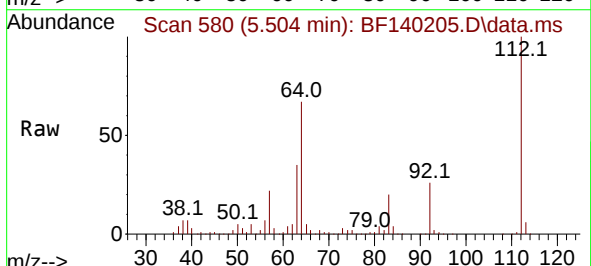
Instrument :
BNA_F
ClientSampleId :



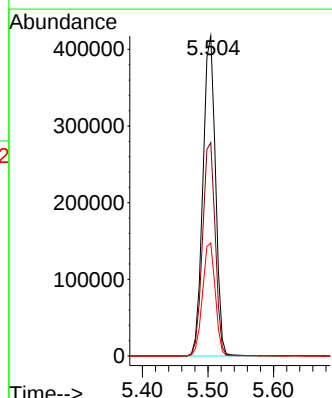
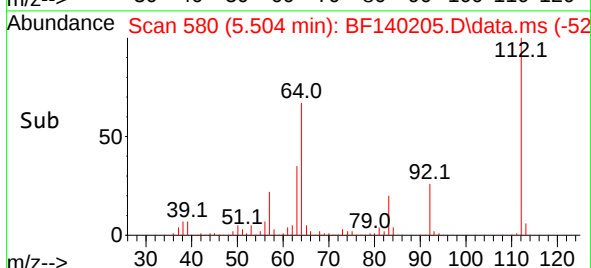
Tgt Ion:152 Resp: 112621
Ion Ratio Lower Upper
152 100
150 157.0 130.2 195.2
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 77.700 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40



Tgt Ion:112 Resp: 558976
Ion Ratio Lower Upper
112 100
64 66.6 53.0 79.6
63 35.3 27.0 40.4



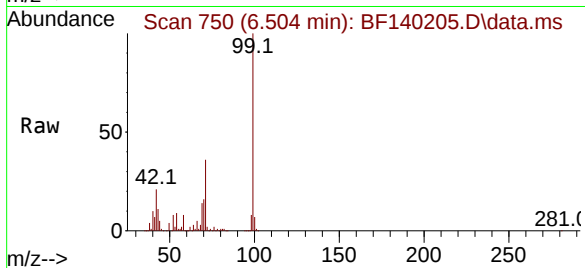


#7
Phenol-d6
Concen: 80.866 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

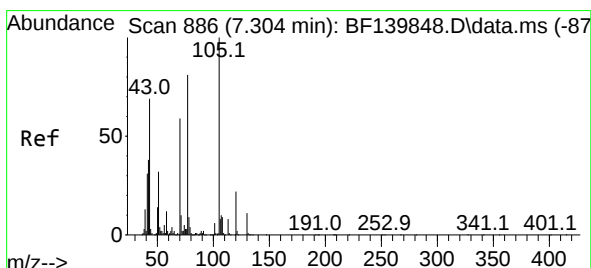
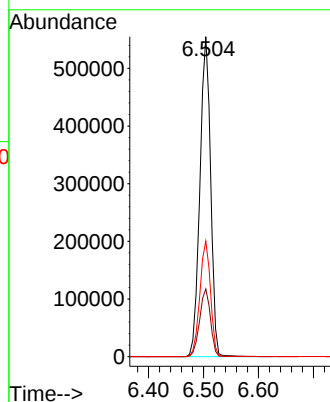
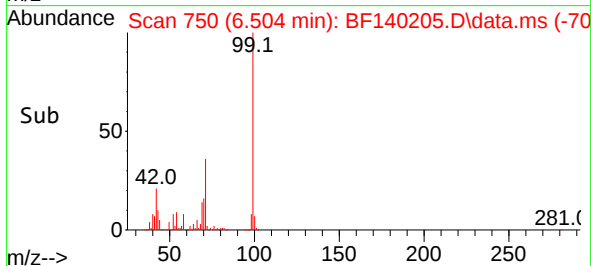
Instrument :

BNA_F

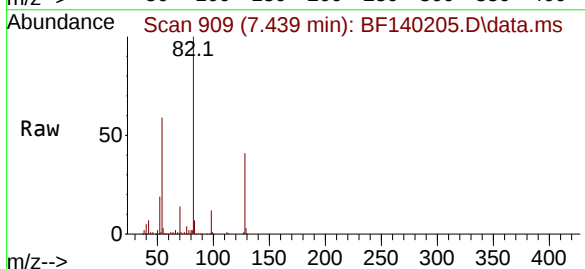
ClientSampleId :



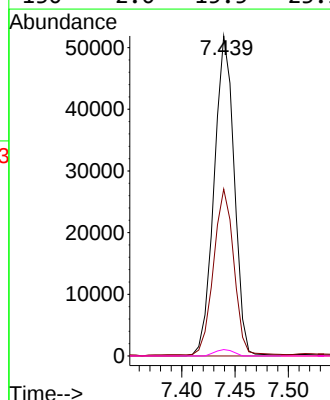
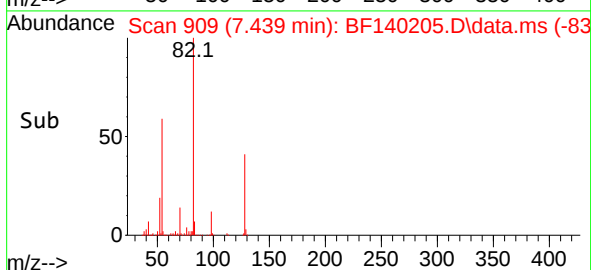
Tgt Ion: 99 Resp: 753458
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 36.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.074 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40



Tgt Ion: 70 Resp: 68227
Ion Ratio Lower Upper
70 100
42 52.2 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

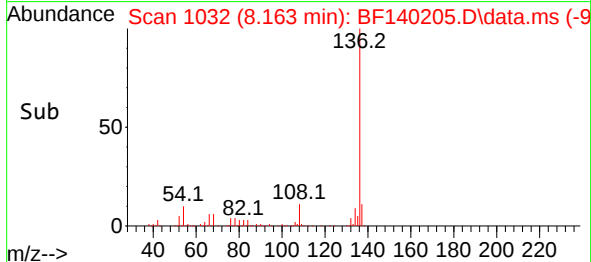
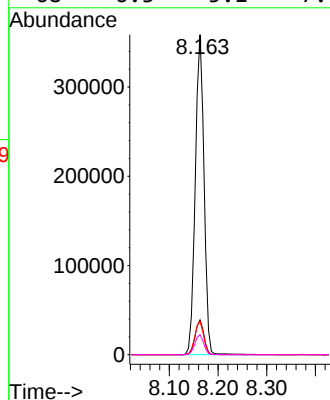
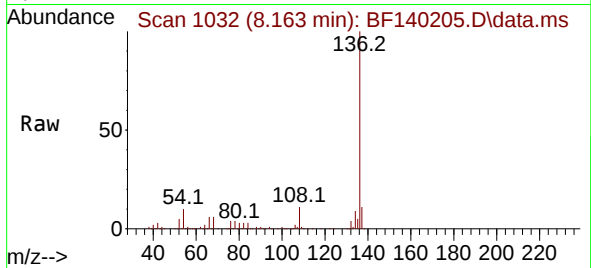




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

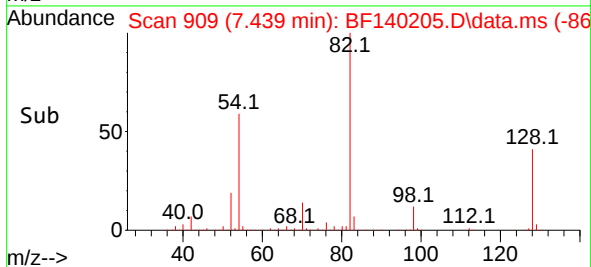
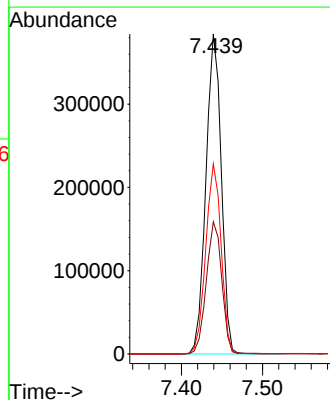
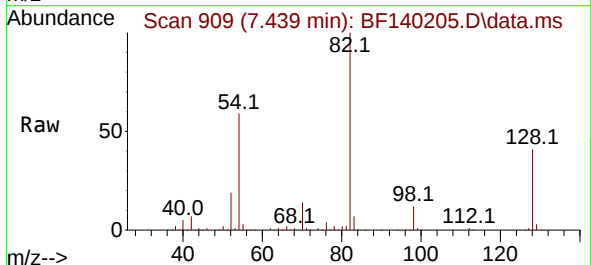
Instrument :
BNA_F
ClientSampleId :

Tgt	Ion:136	Resp:	451056
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.3	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 62.030 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

Tgt Ion: 82	Resp: 504817
Ion Ratio	Lower Upper
82 100	
128 41.3	33.4 50.0
54 59.4	47.8 71.8

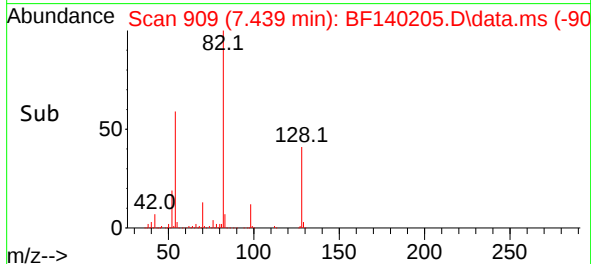
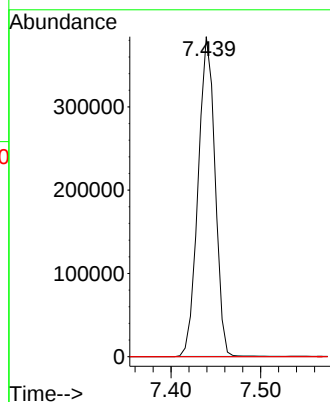
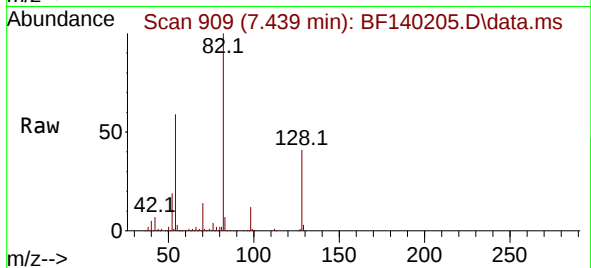




#25
Isophorone
Concen: 32.466 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

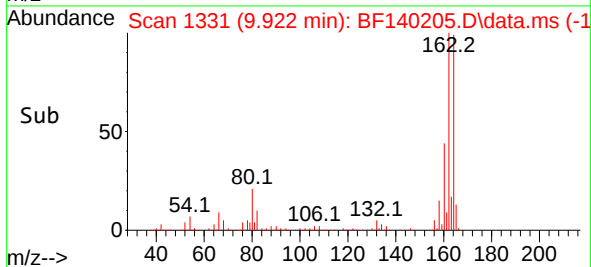
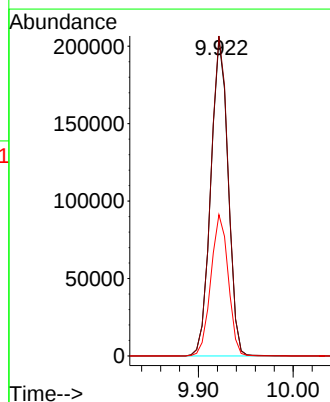
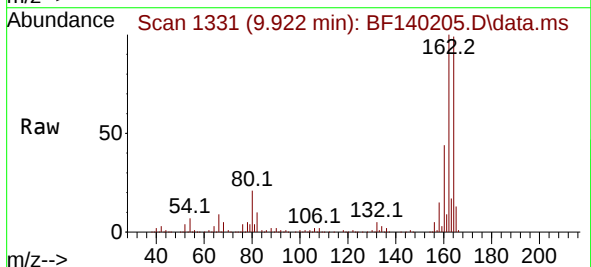
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 501487
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

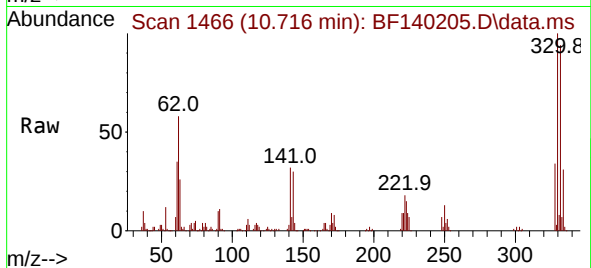
Tgt Ion:164 Resp: 258934
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.7 35.4 53.0



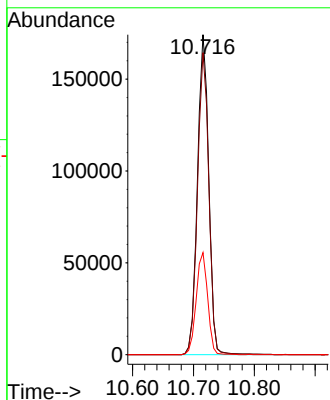
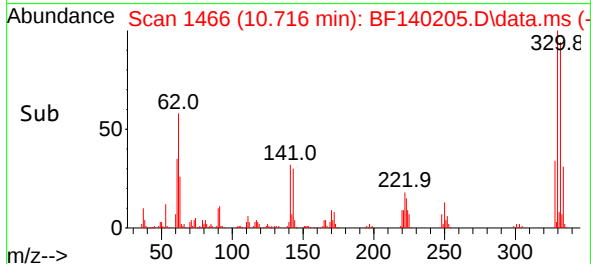


#42
2,4,6-Tribromophenol
Concen: 92.519 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

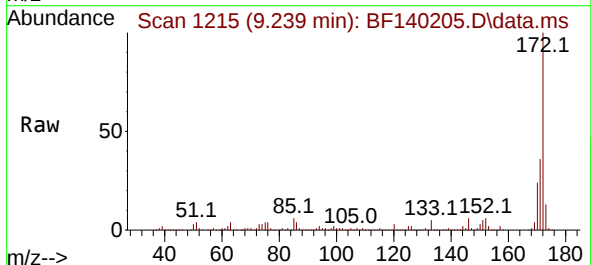
Instrument :
BNA_F
ClientSampleId :



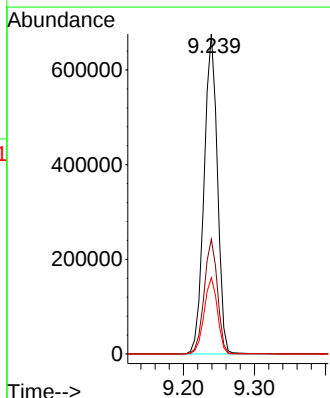
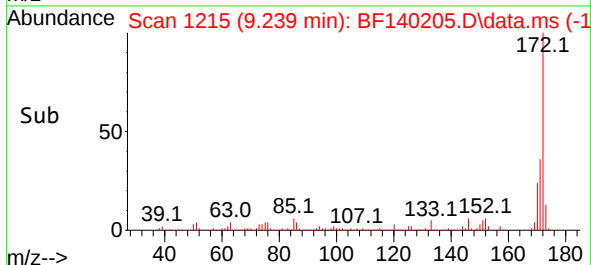
Tgt Ion: 330 Resp: 224079
Ion Ratio Lower Upper
330 100
332 94.8 78.1 117.1
141 32.4 26.6 39.8

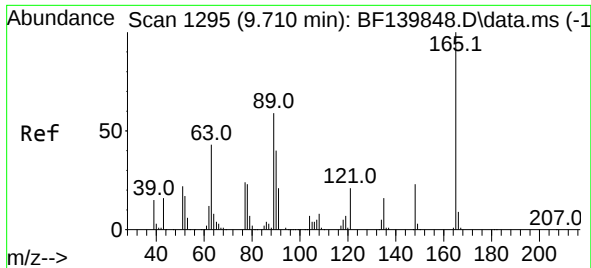


#45
2-Fluorobiphenyl
Concen: 56.467 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40



Tgt Ion: 172 Resp: 884684
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.1 28.7

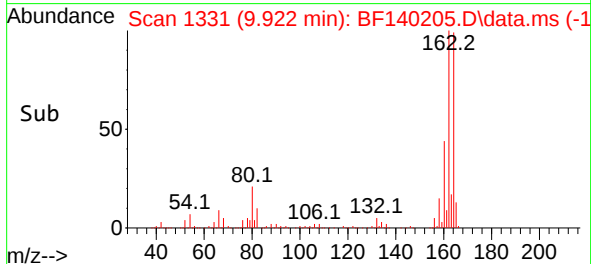
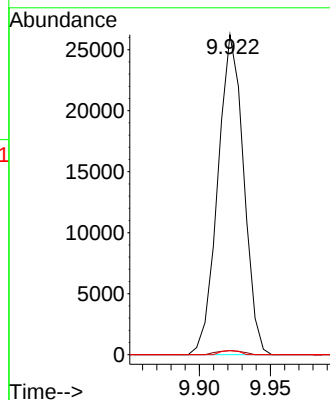
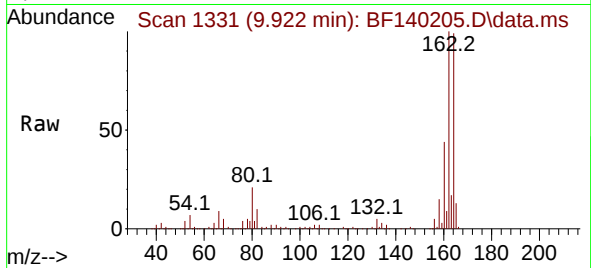




#51
2,6-Dinitrotoluene
Concen: 9.499 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

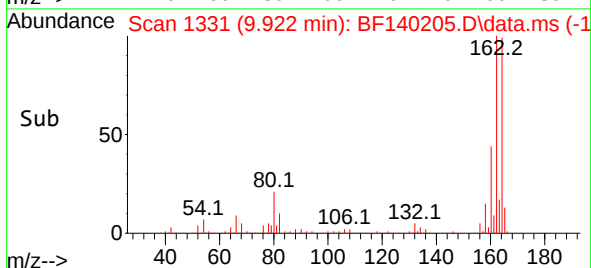
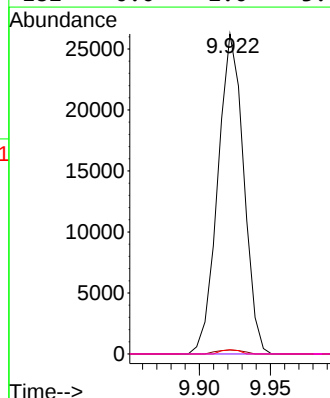
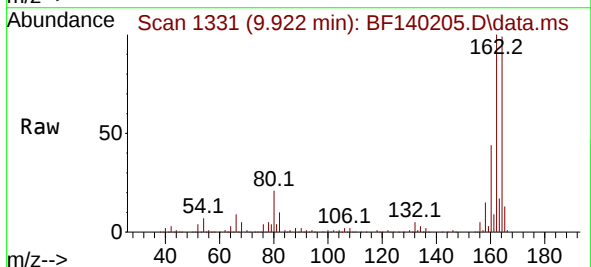
Instrument :
BNA_F
ClientSampleId :

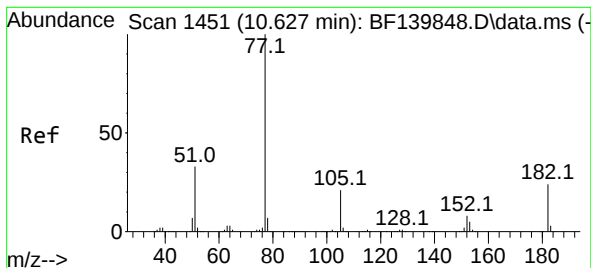
Tgt Ion:165 Resp: 33173
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.725 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

Tgt Ion:165 Resp: 33173
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 9.098 ng

RT: 10.639 min Scan# 1451

Delta R.T. 0.012 min

Lab File: BF140205.D

Acq: 01 Nov 2024 11:40

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 152747

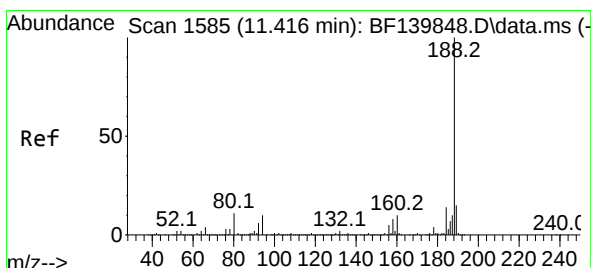
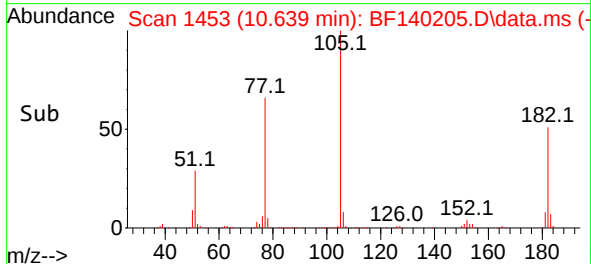
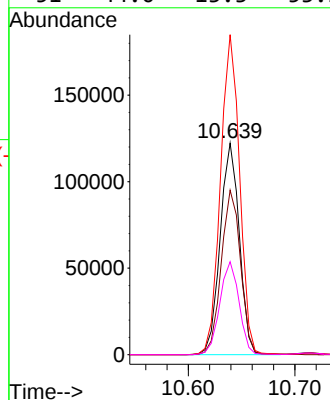
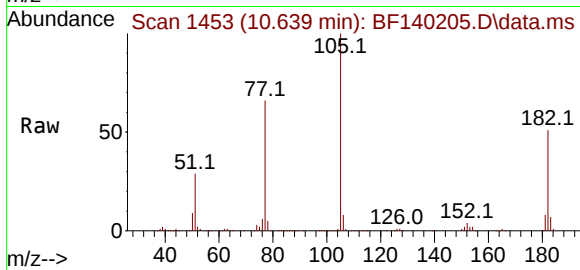
Ion Ratio Lower Upper

77 100

182 77.8 3.3 43.3#

105 151.3 1.2 41.2#

51 44.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF140205.D

Acq: 01 Nov 2024 11:40

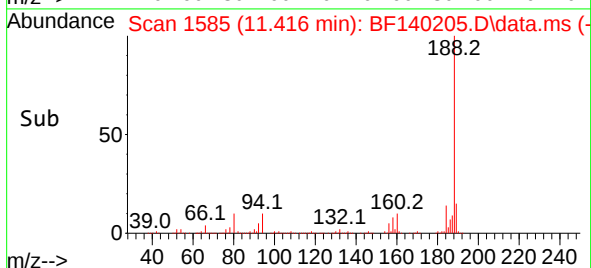
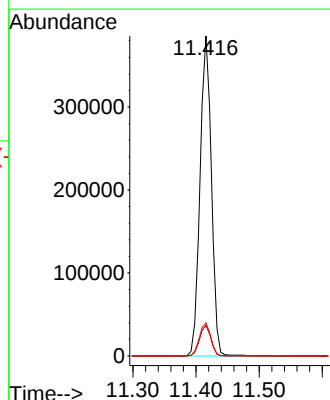
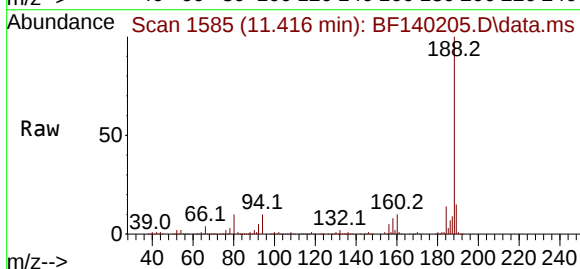
Tgt Ion: 188 Resp: 480016

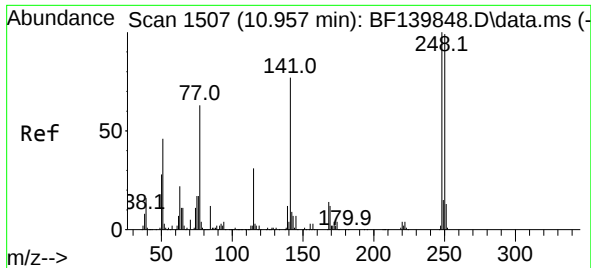
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

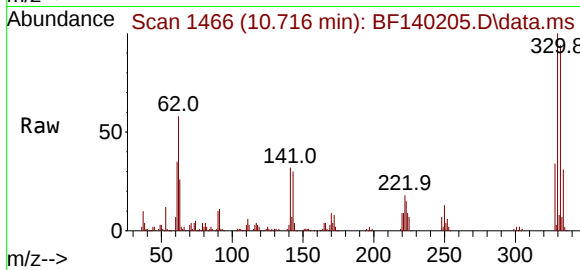
80 10.3 9.0 13.4



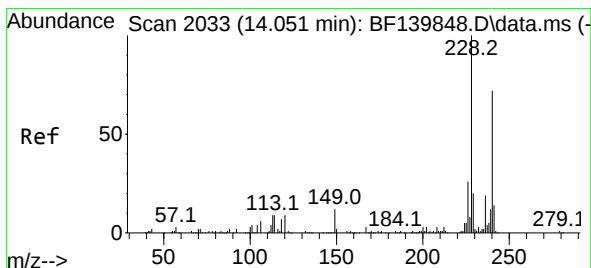
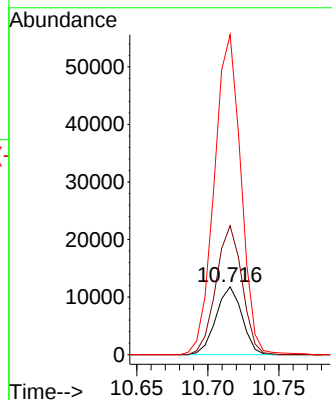
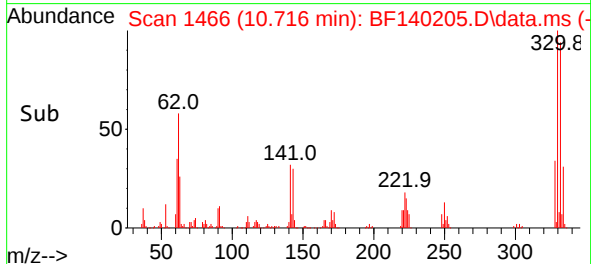


#67
4-Bromophenyl-phenylether
Concen: 3.031 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

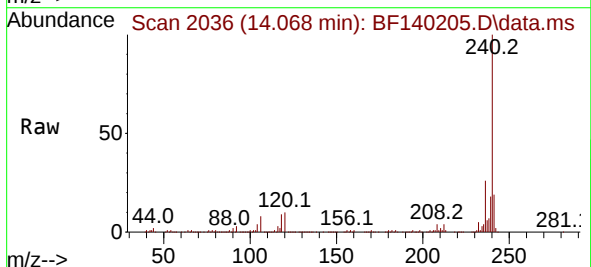
Instrument :
BNA_F
ClientSampleId :



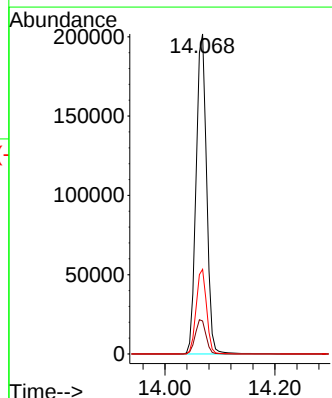
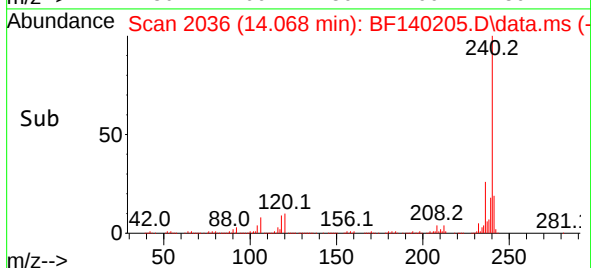
Tgt Ion:248 Resp: 14988
Ion Ratio Lower Upper
248 100
250 190.1 79.0 118.6#
141 472.0 61.7 92.5#

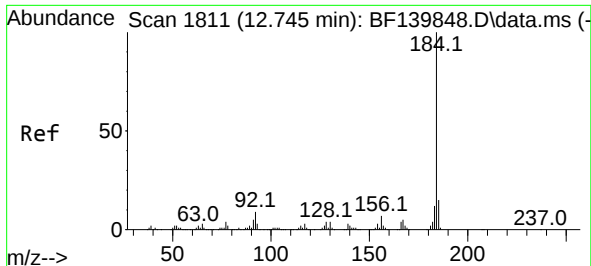


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40



Tgt Ion:240 Resp: 267187
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 26.5 20.9 31.3

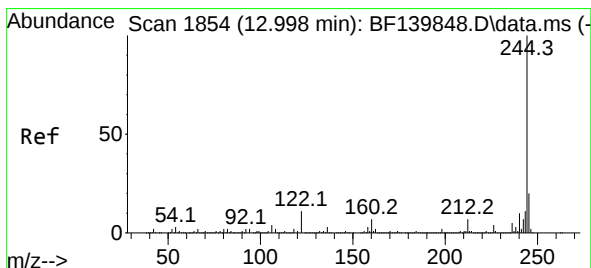
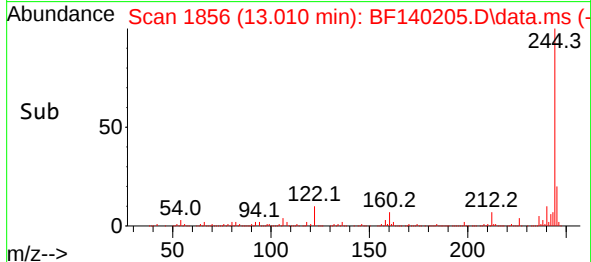
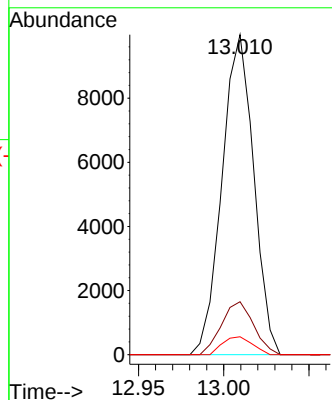
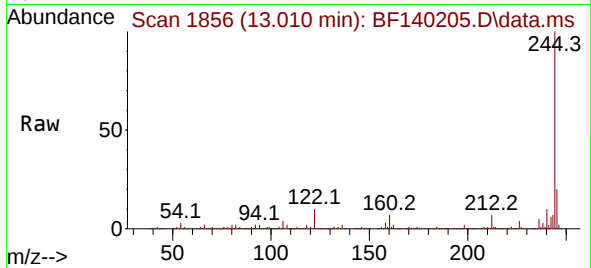




#77
Benzidine
Concen: 2.933 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

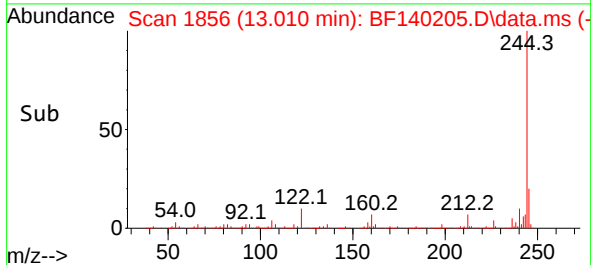
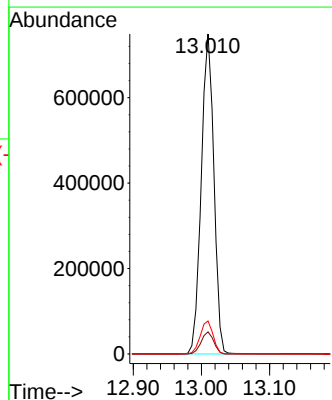
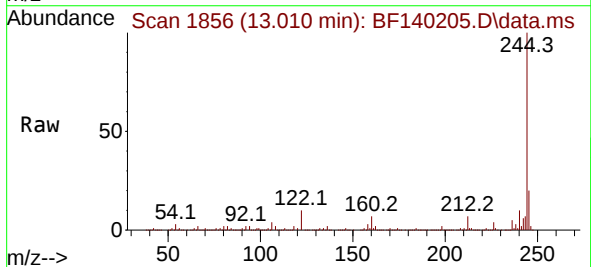
Instrument :
BNA_F
ClientSampleId :

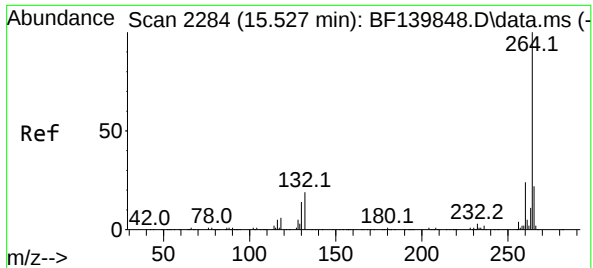
Tgt Ion:184 Resp: 12886
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 5.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 58.690 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

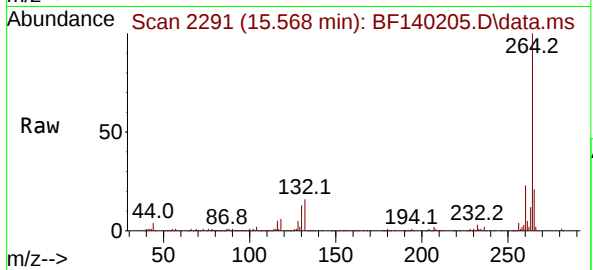
Tgt Ion:244 Resp: 962351
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 217568

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.1	17.4	26.0

