

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091224\
 Data File : BF139342.D
 Acq On : 12 Sep 2024 16:48
 Operator : RC/JU
 Sample : P3949-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BREAKER-2546-BASE

Quant Time: Sep 12 17:30:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

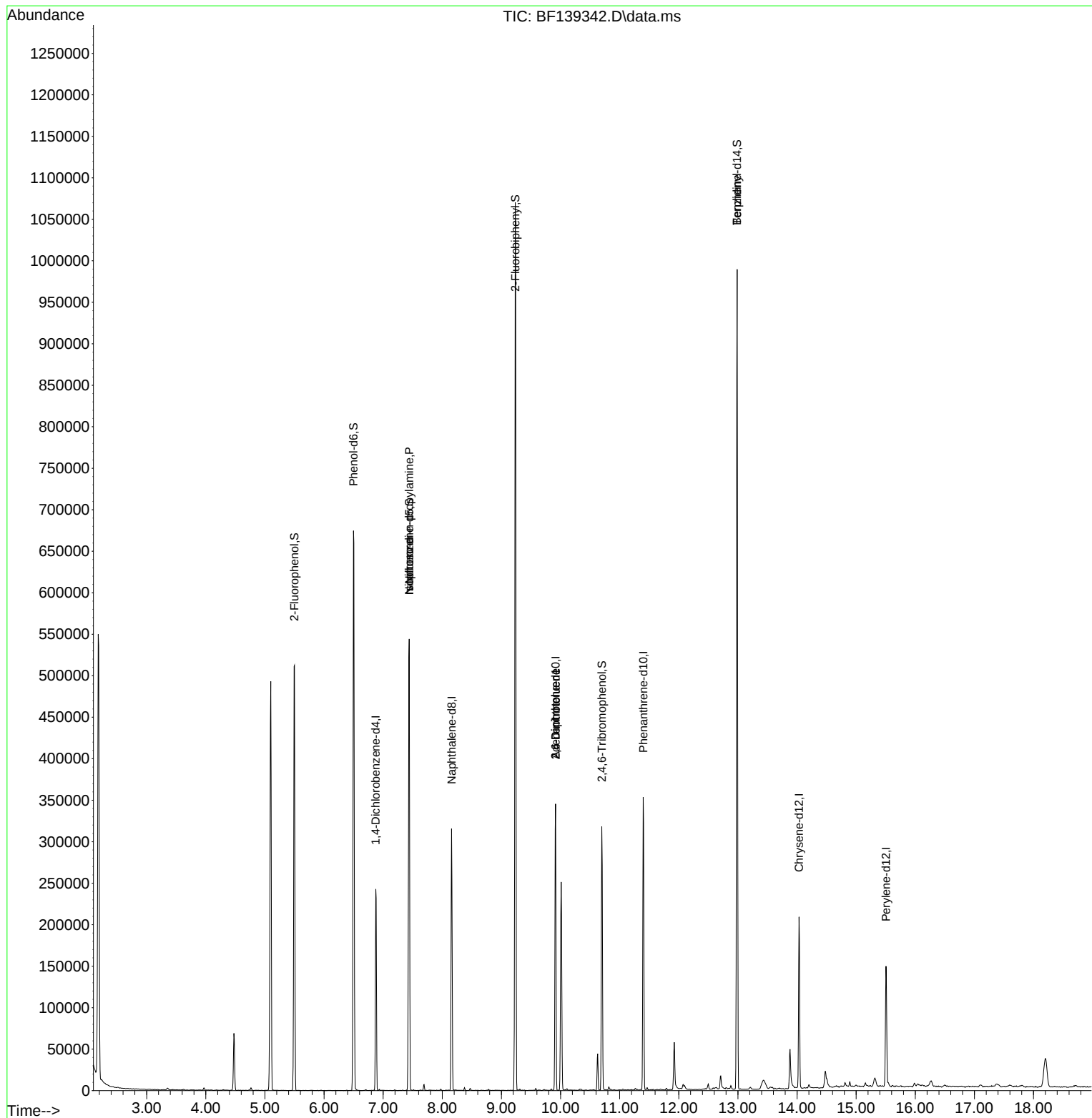
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	46106	20.000	ng	-0.02
21) Naphthalene-d8	8.157	136	176633	20.000	ng	-0.02
39) Acenaphthene-d10	9.916	164	95989	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	181154	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	95174	20.000	ng	#-0.02
86) Perylene-d12	15.504	264	85325	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	162750	59.051	ng	0.00
7) Phenol-d6	6.498	99	274630	74.641	ng	-0.02
23) Nitrobenzene-d5	7.440	82	225365	66.376	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	42719	51.538	ng	-0.02
45) 2-Fluorobiphenyl	9.234	172	444363	71.460	ng	-0.02
79) Terphenyl-d14	12.986	244	450477	76.421	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	31840	15.025	ng	# 78
25) Isophorone	7.440	82	225360	38.823	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	12819	9.712	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	12819	7.631	ng	# 18
77) Benzdine	12.986	184	7315	3.817	ng	# 95

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

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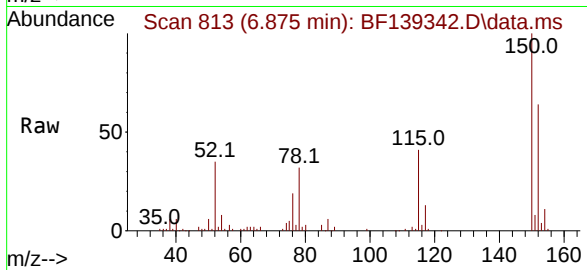
Quant Time: Sep 12 17:30:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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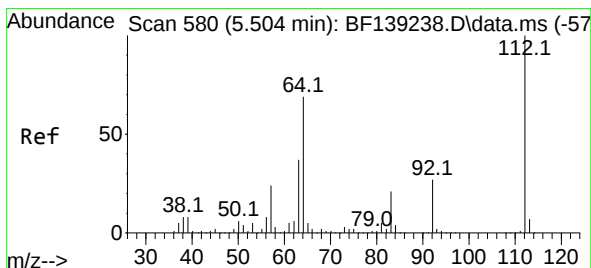
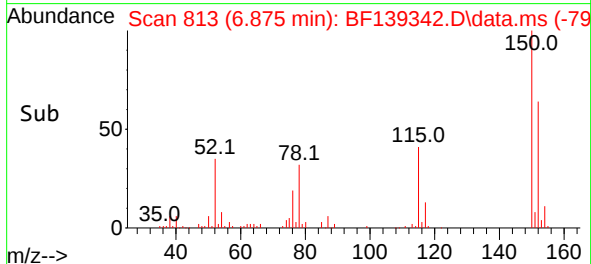
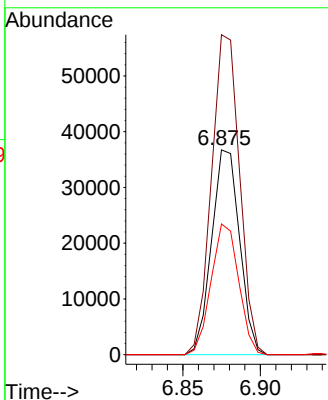


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE

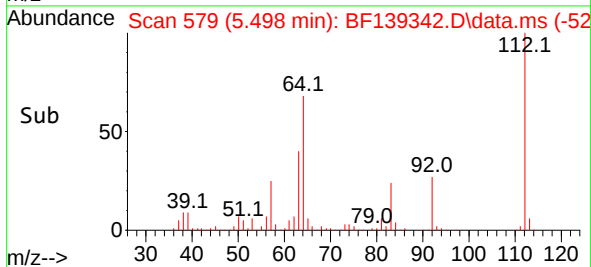
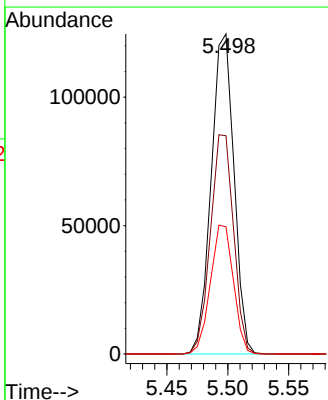
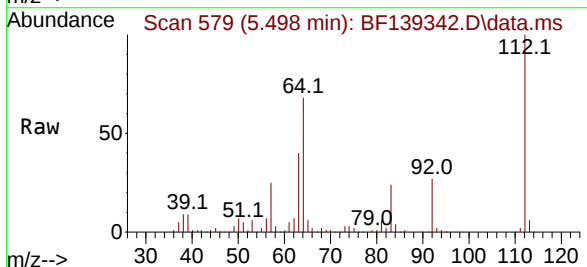


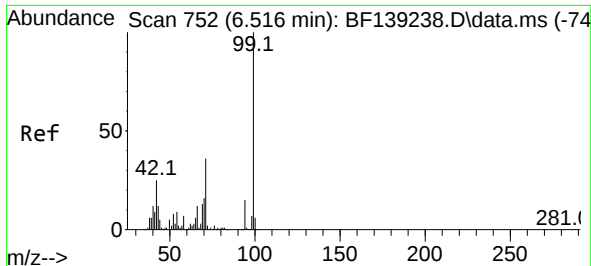
Tgt Ion:152 Resp: 46106
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.4
115 63.8 46.9 70.3



#5
2-Fluorophenol
Concen: 59.051 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion:112 Resp: 162750
Ion Ratio Lower Upper
112 100
64 68.2 55.0 82.4
63 39.7 29.9 44.9

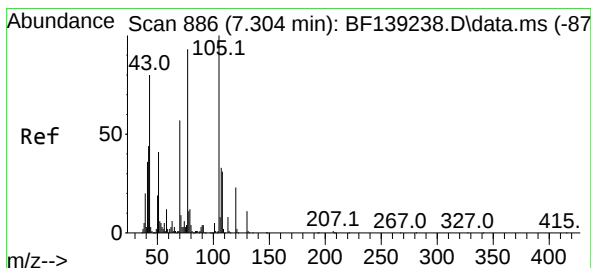
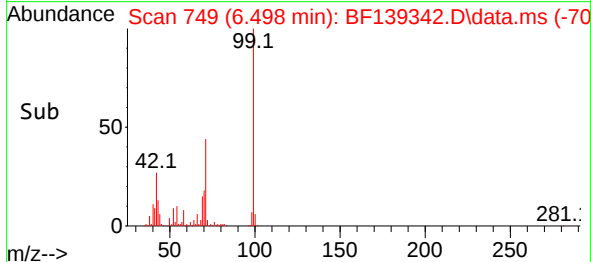
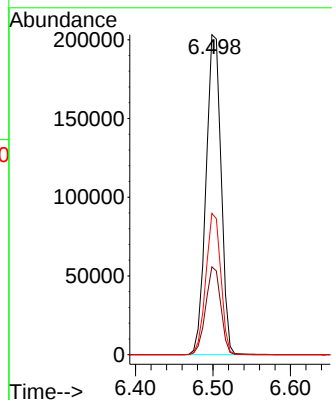
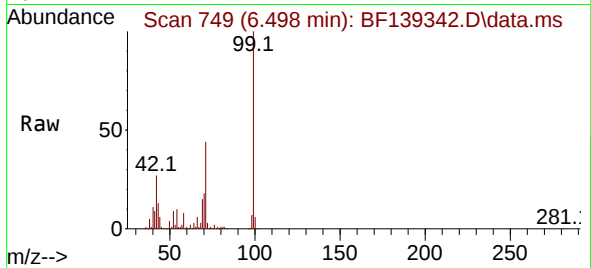




#7
Phenol-d6
Concen: 74.641 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

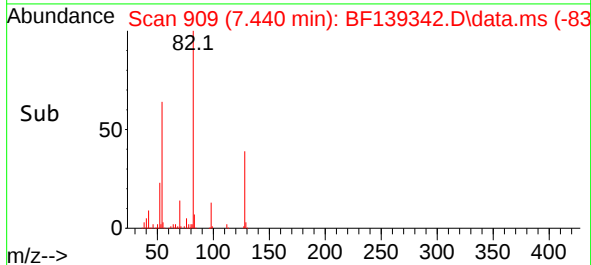
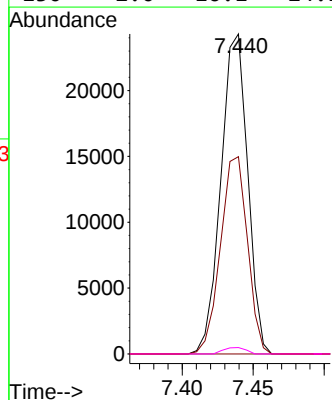
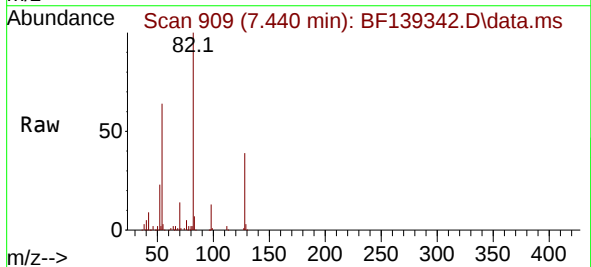
Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE

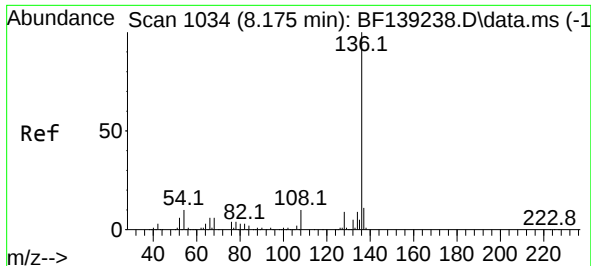
Tgt Ion: 99 Resp: 274630
Ion Ratio Lower Upper
99 100
42 27.5 19.8 29.6
71 44.2 28.8 43.2#



#19
n-Nitroso-di-n-propylamine
Concen: 15.025 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion: 70 Resp: 31840
Ion Ratio Lower Upper
70 100
42 61.7 61.0 91.6
101 0.0 7.2 10.8#
130 2.0 16.1 24.1#

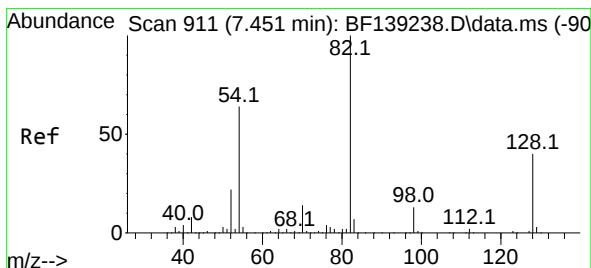
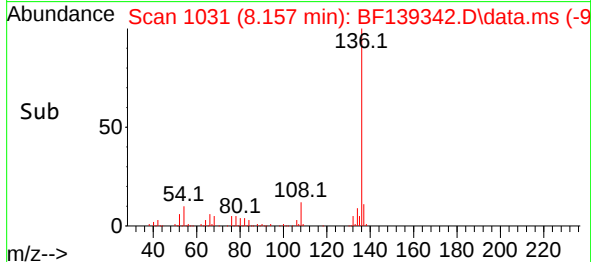
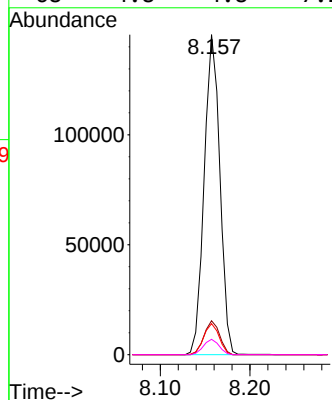
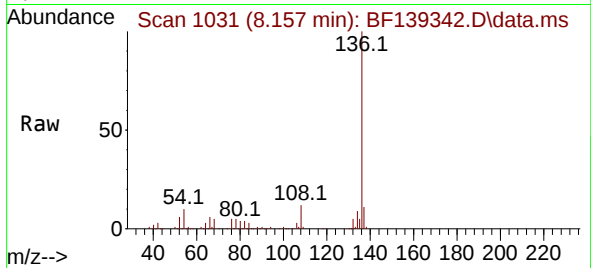




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

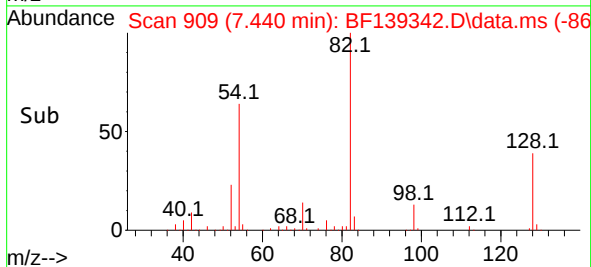
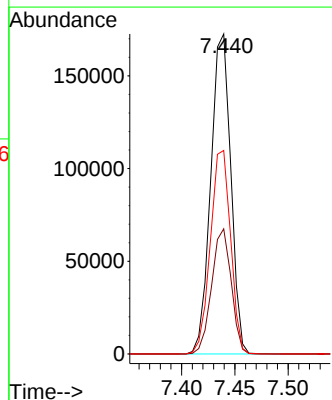
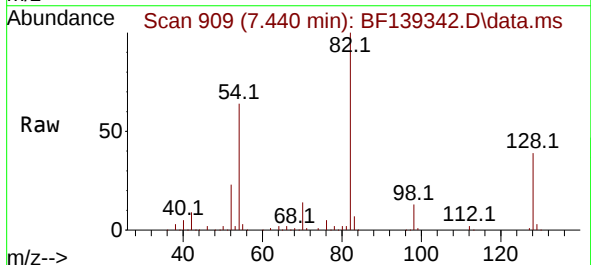
Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE

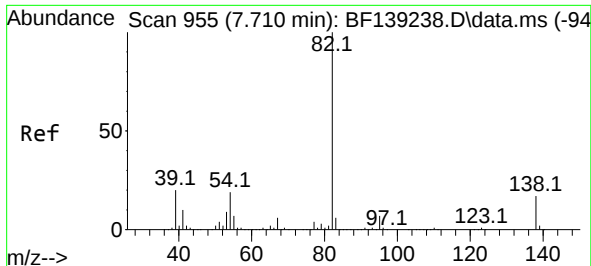
Tgt Ion:136	Resp: 176633
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 9.7	8.4 12.6
68 4.8	4.8 7.2



#23
Nitrobenzene-d5
Concen: 66.376 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion: 82	Resp: 225365
Ion Ratio	Lower Upper
82 100	
128 39.1	32.3 48.5
54 63.6	51.2 76.8

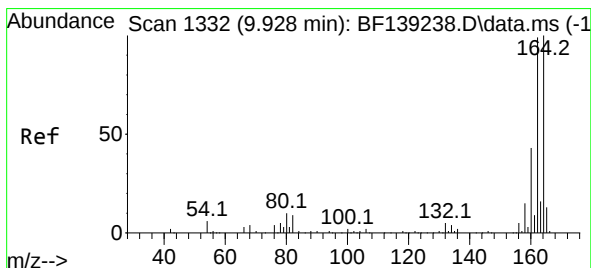
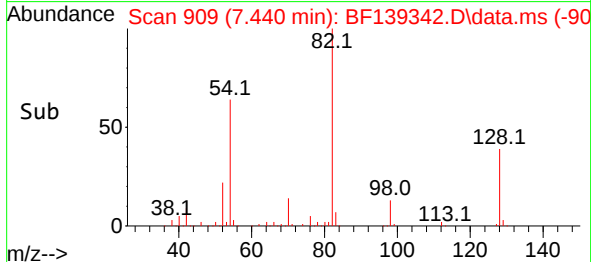
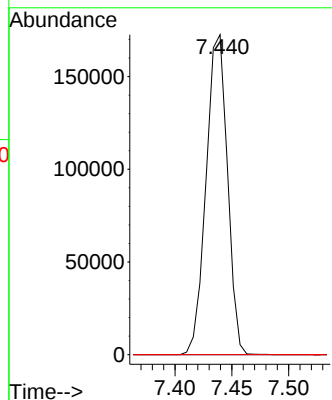
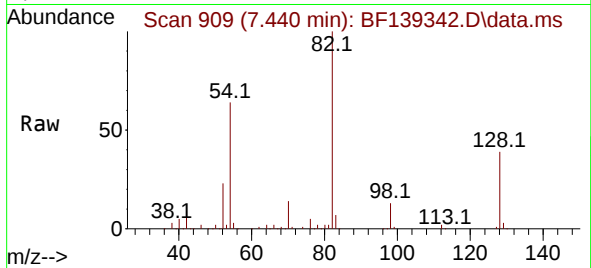




#25
Isophorone
Concen: 38.823 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

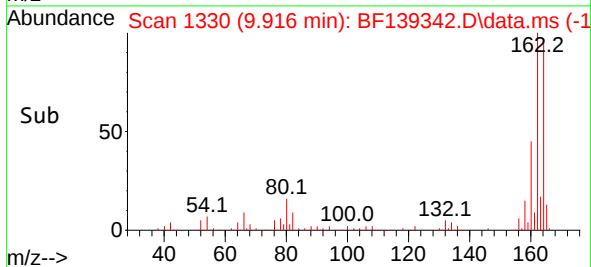
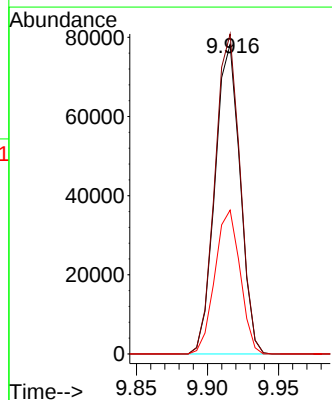
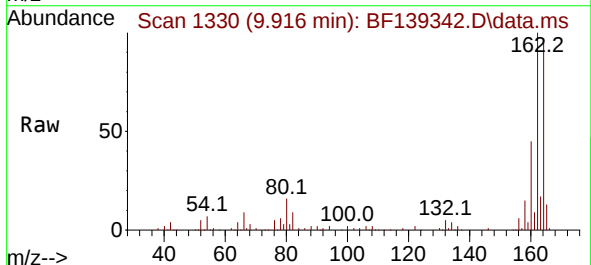
Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE

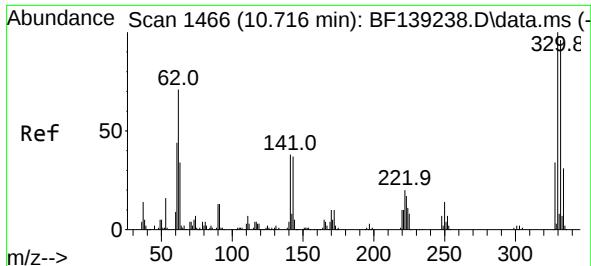
Tgt Ion: 82 Resp: 225360
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

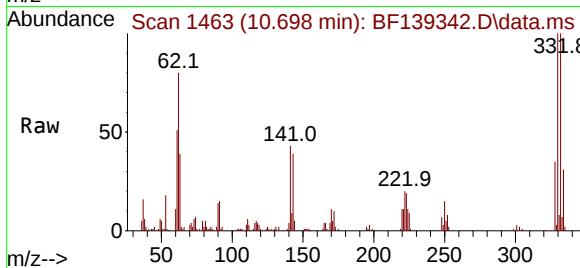
Tgt Ion:164 Resp: 95989
Ion Ratio Lower Upper
164 100
162 103.3 79.2 118.8
160 46.4 34.2 51.2





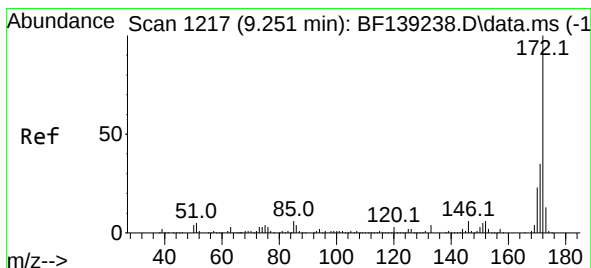
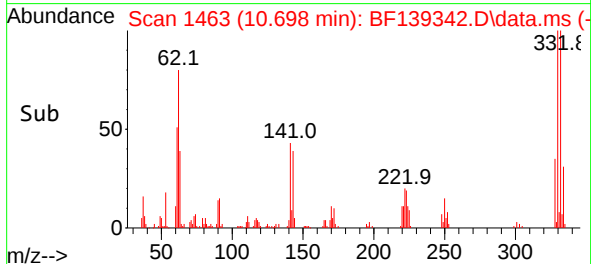
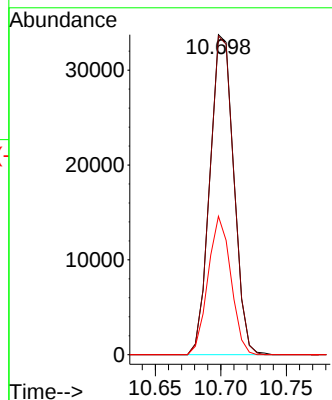
#42
2,4,6-Tribromophenol
Concen: 51.538 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE



Tgt Ion: 330 Resp: 42719

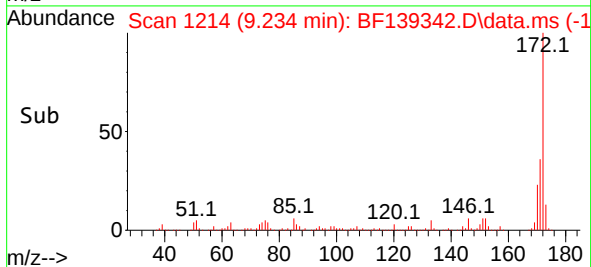
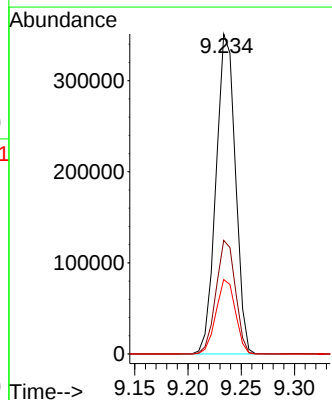
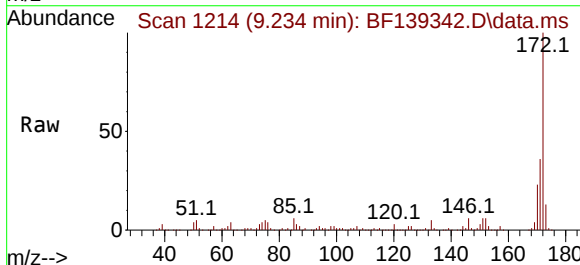
Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.6	115.0
141	41.3	30.1	45.1

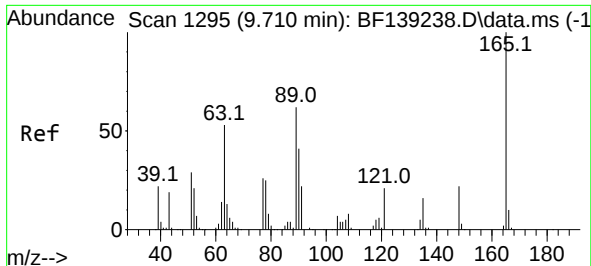


#45
2-Fluorobiphenyl
Concen: 71.460 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion: 172 Resp: 444363

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.2	18.7	28.1





#51

2,6-Dinitrotoluene

Concen: 9.712 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139342.D

Acq: 12 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

BREAKER-2546-BASE

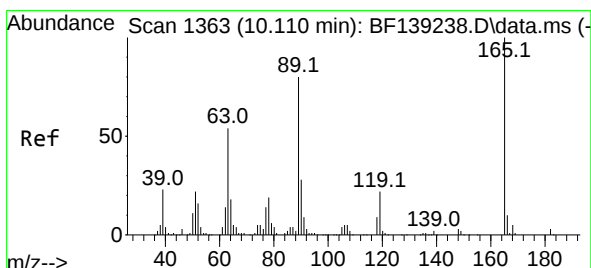
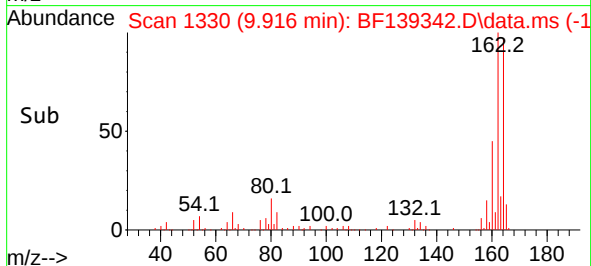
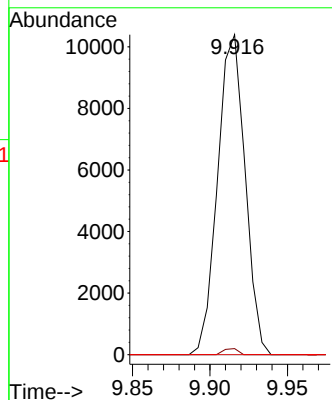
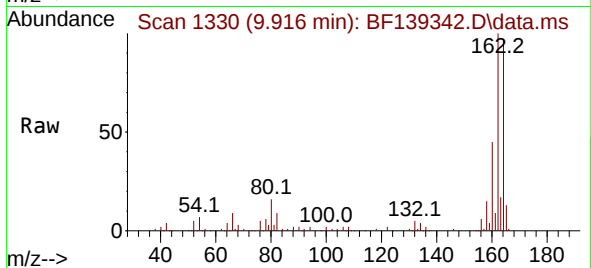
Tgt Ion:165 Resp: 12819

Ion Ratio Lower Upper

165 100

63 1.9 56.1 84.1#

89 0.0 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.631 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139342.D

Acq: 12 Sep 2024 16:48

Tgt Ion:165 Resp: 12819

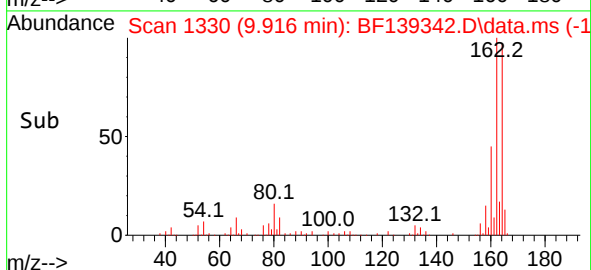
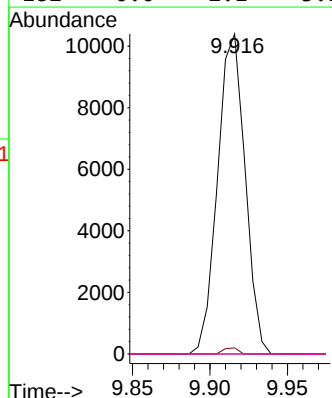
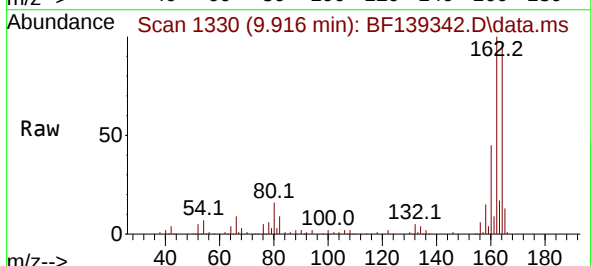
Ion Ratio Lower Upper

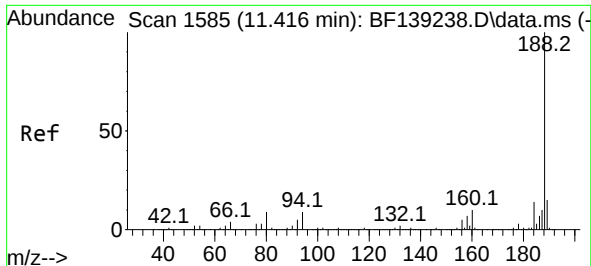
165 100

63 1.9 43.4 65.0#

89 0.0 64.2 96.4#

182 0.0 2.1 3.1#

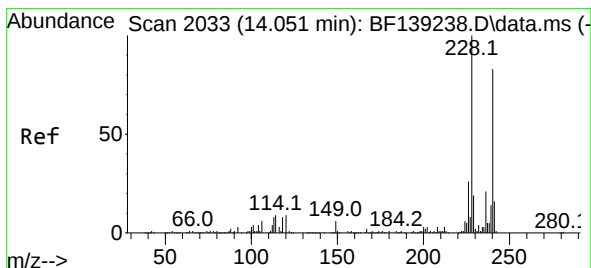
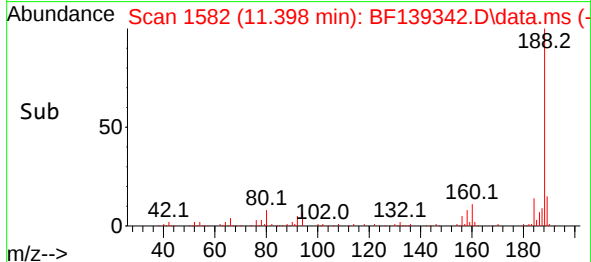
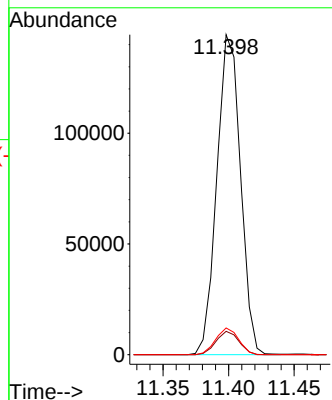
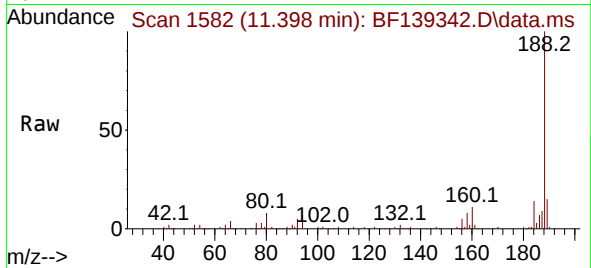




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

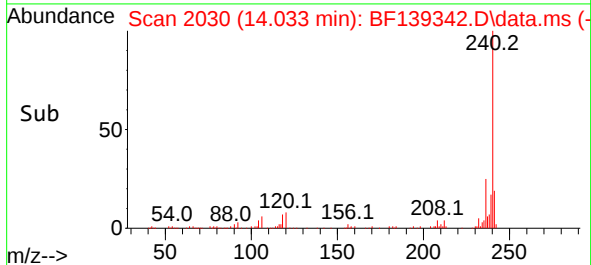
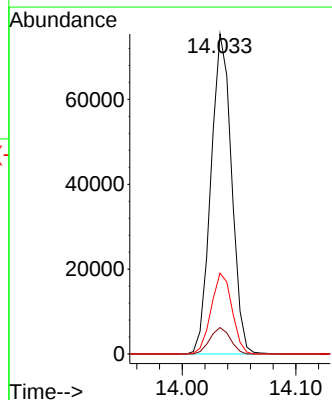
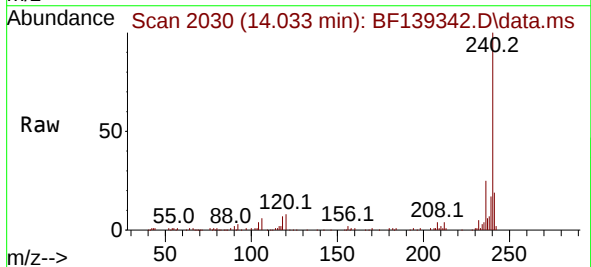
Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE

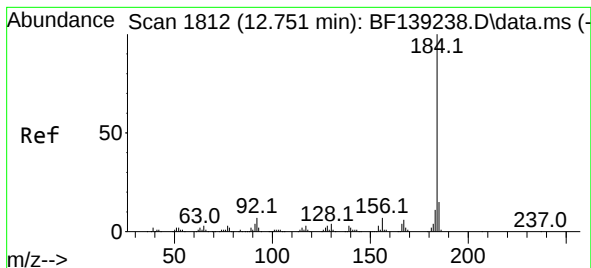
Tgt Ion:188 Resp: 181154
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion:240 Resp: 95174
Ion Ratio Lower Upper
240 100
120 8.3 8.6 12.8#
236 25.2 20.7 31.1





#77

Benzidine

Concen: 3.817 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.235 min

Lab File: BF139342.D

Acq: 12 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

BREAKER-2546-BASE

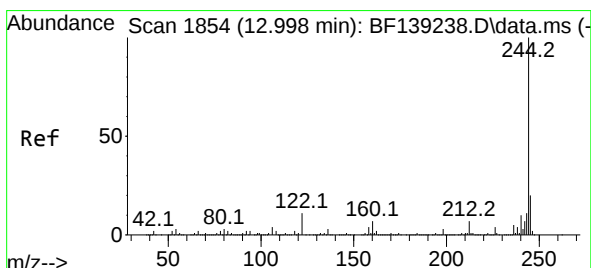
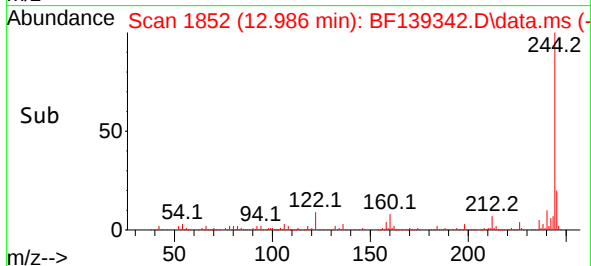
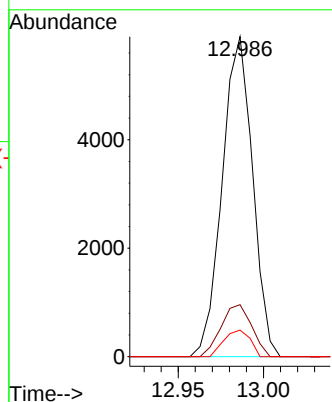
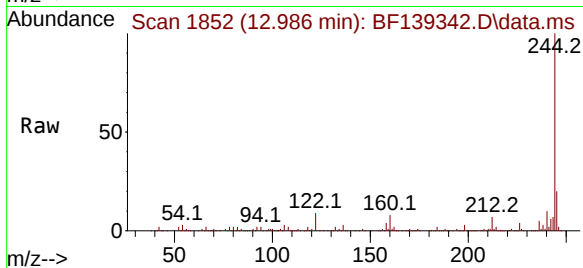
Tgt Ion:184 Resp: 7315

Ion Ratio Lower Upper

184 100

185 16.3 11.9 17.9

183 8.3 8.8 13.2#



#79

Terphenyl-d14

Concen: 76.421 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF139342.D

Acq: 12 Sep 2024 16:48

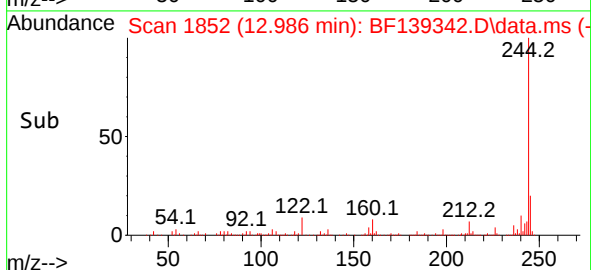
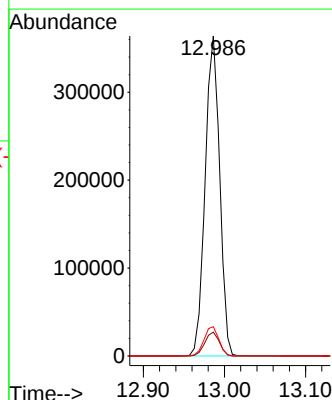
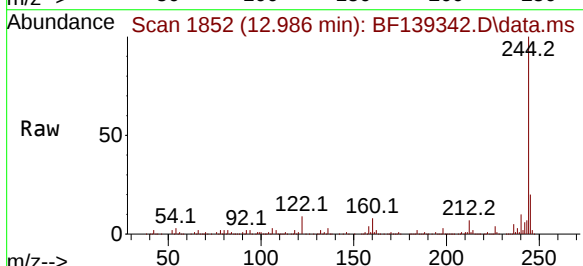
Tgt Ion:244 Resp: 450477

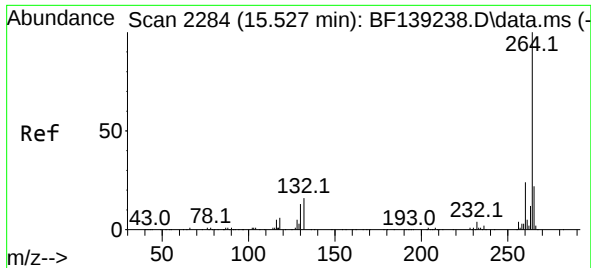
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 9.2 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF139342.D
 Acq: 12 Sep 2024 16:48

Instrument :
 BNA_F
 ClientSampleId :
 BREAKER-2546-BASE

Tgt Ion:264	Resp:	85325
Ion	Ratio	Lower Upper
264	100	
260	24.0	18.8 28.2
265	20.8	17.3 25.9

