

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140919.D
 Acq On : 19 Dec 2024 12:04
 Operator : RC/JU
 Sample : PB165719BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165719BL

Quant Time: Dec 19 12:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

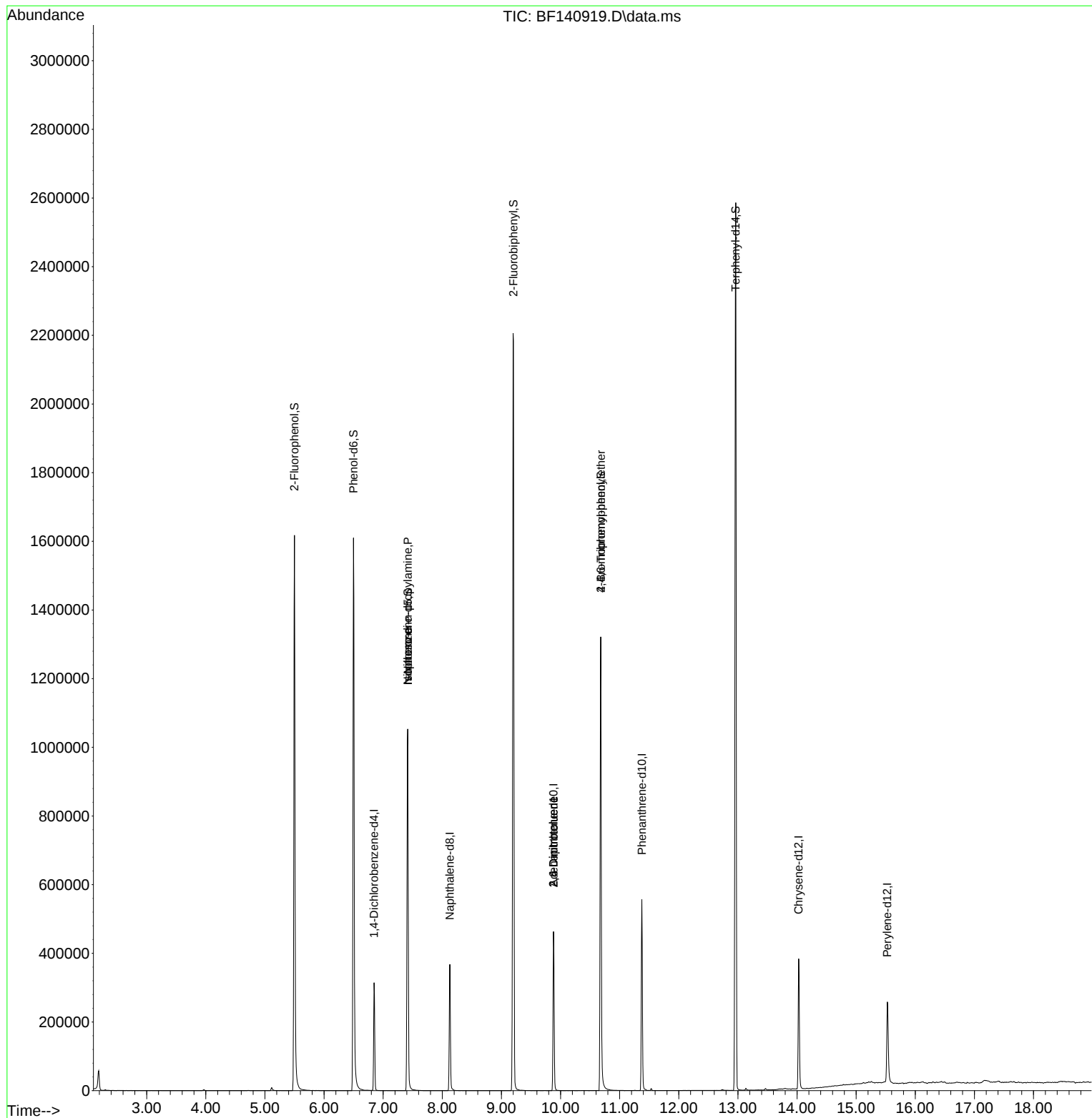
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	69607	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	253415	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	149553	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	307565	20.000	ng	0.00
76) Chrysene-d12	14.027	240	207734	20.000	ng	0.00
86) Perylene-d12	15.527	264	165067	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	664265	157.097	ng	0.01
7) Phenol-d6	6.498	99	857119	153.042	ng	0.00
23) Nitrobenzene-d5	7.416	82	541024	106.813	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	260675	147.375	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1091858	100.375	ng	0.00
79) Terphenyl-d14	12.963	244	1352323	102.652	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	70956	21.121	ng	# 76
25) Isophorone	7.416	82	533167	62.822	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	19177	7.956	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	19177	6.047	ng	# 15
67) 4-Bromophenyl-phenylether	10.681	248	15776	4.585	ng	# 1

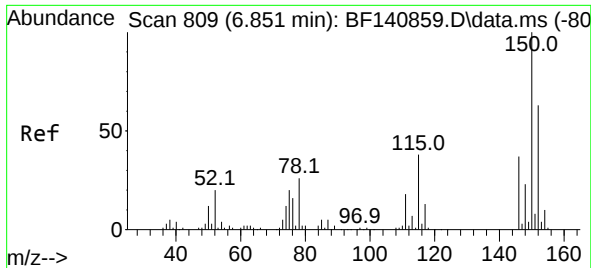
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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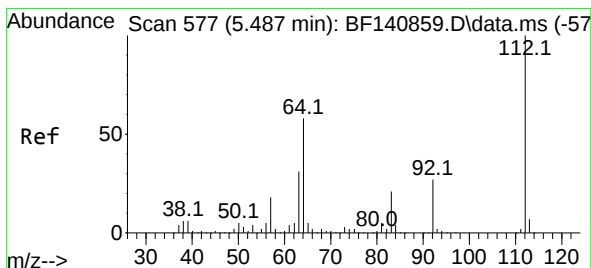
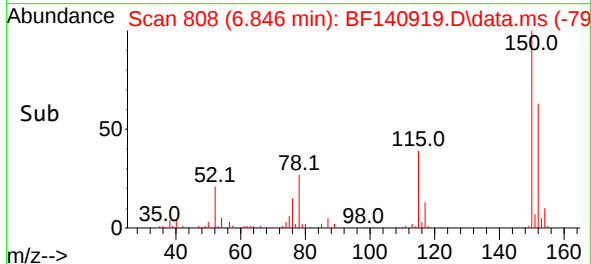
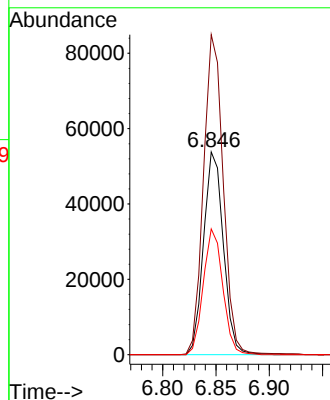
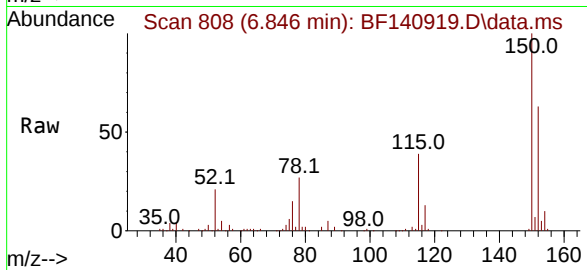




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

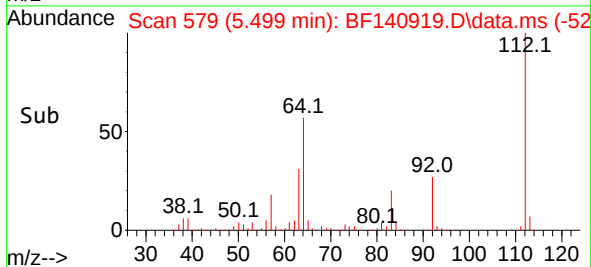
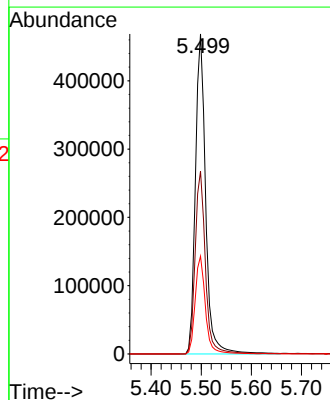
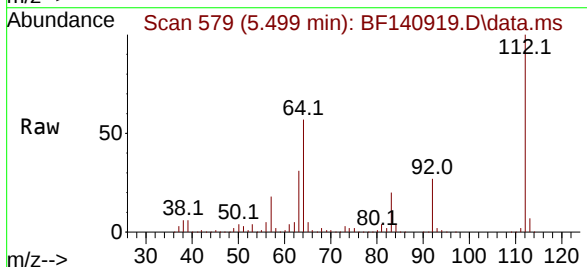
Instrument :
BNA_F
ClientSampleId :
PB165719BL

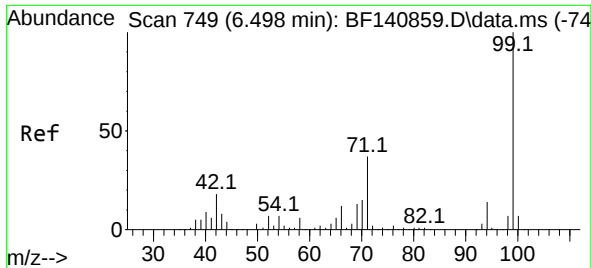
Tgt Ion:152 Resp: 69607
Ion Ratio Lower Upper
152 100
150 157.8 127.9 191.9
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 157.097 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion:112 Resp: 664265
Ion Ratio Lower Upper
112 100
64 57.1 46.1 69.1
63 30.6 24.9 37.3

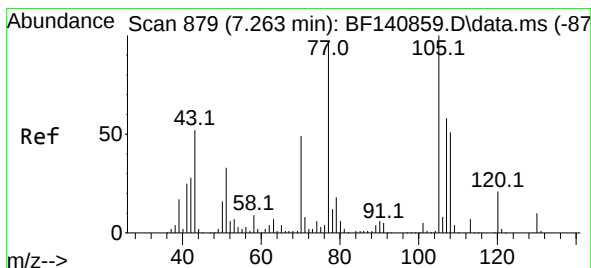
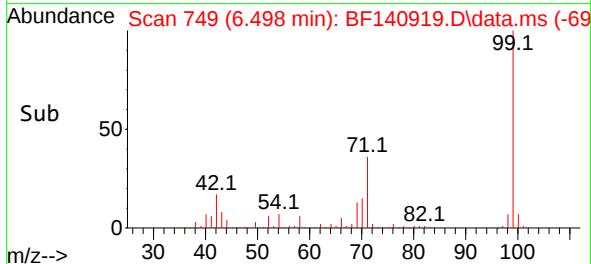
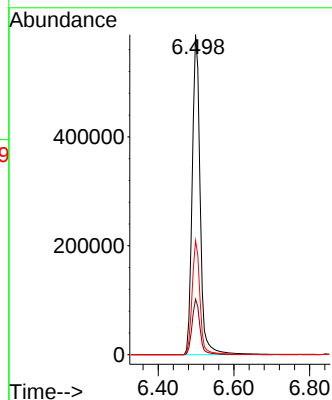
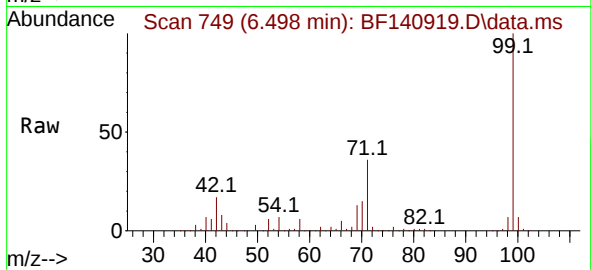




#7
Phenol-d6
Concen: 153.042 ng
RT: 6.498 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

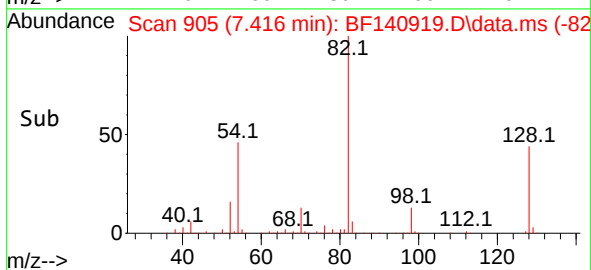
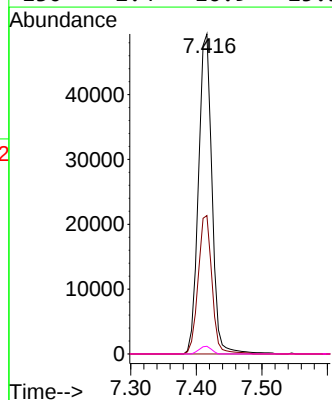
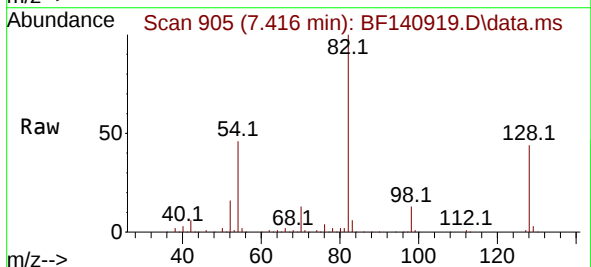
Instrument :
BNA_F
ClientSampleId :
PB165719BL

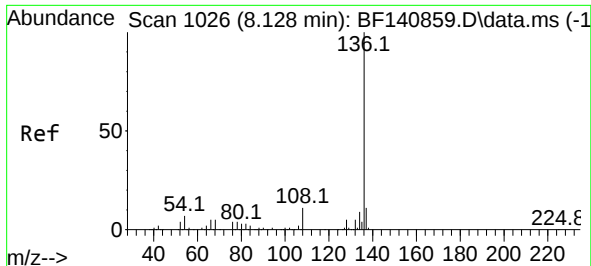
Tgt Ion: 99 Resp: 857119
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 35.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.121 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion: 70 Resp: 70956
Ion Ratio Lower Upper
70 100
42 43.3 45.3 67.9#
101 0.0 8.0 12.0#
130 2.4 16.9 25.3#

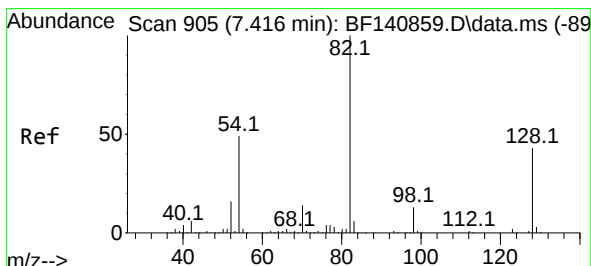
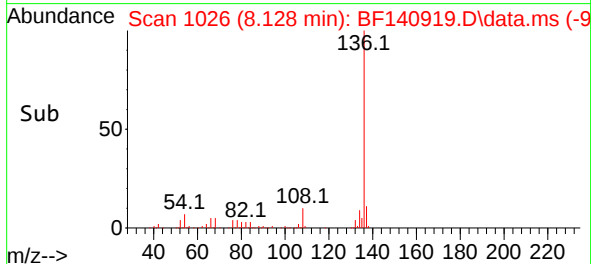
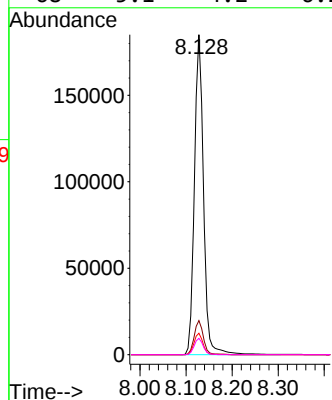
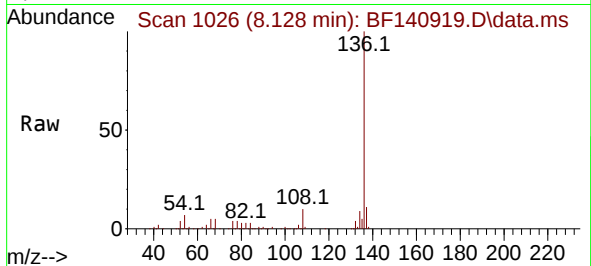




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

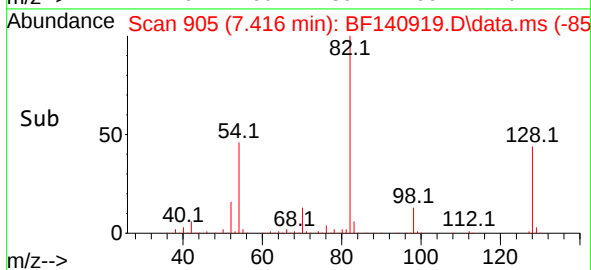
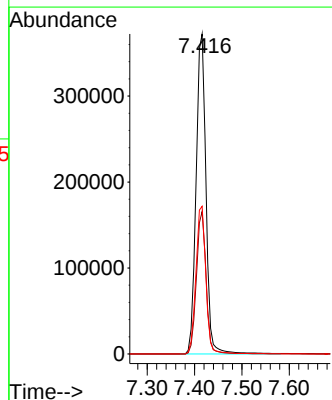
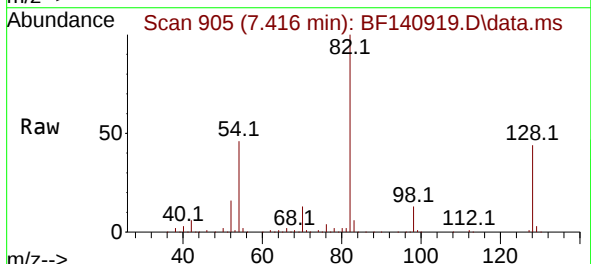
Instrument :
BNA_F
ClientSampleId :
PB165719BL

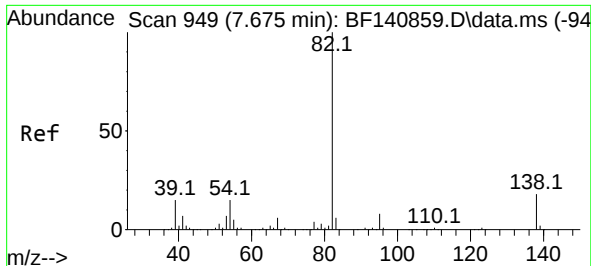
Tgt Ion:	136	Resp:	253415
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.7	5.6	8.4
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 106.813 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion:	82	Resp:	541024
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	46.2	38.8	58.2

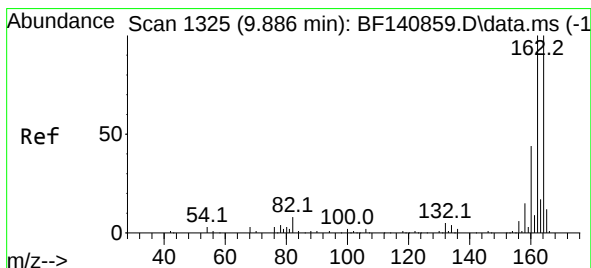
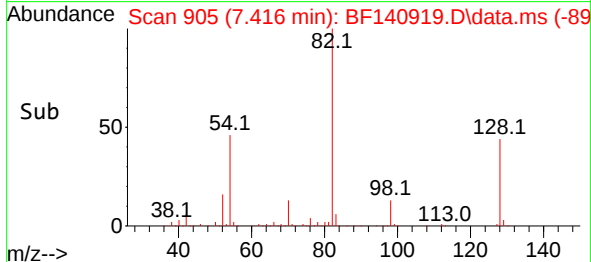
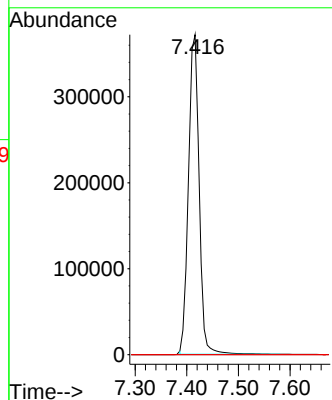
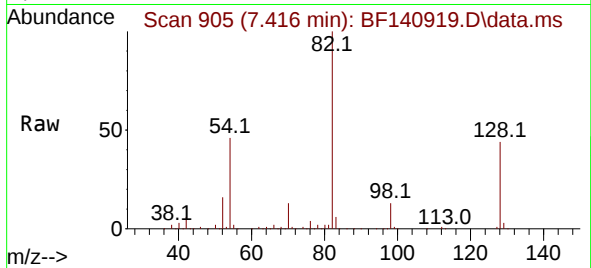




#25
Isophorone
Concen: 62.822 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

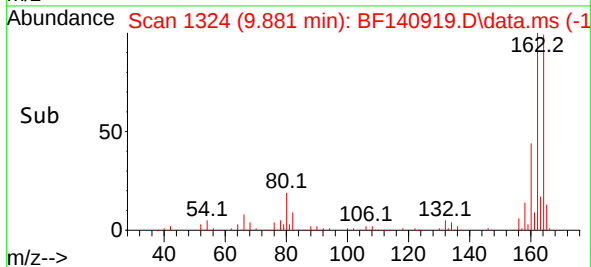
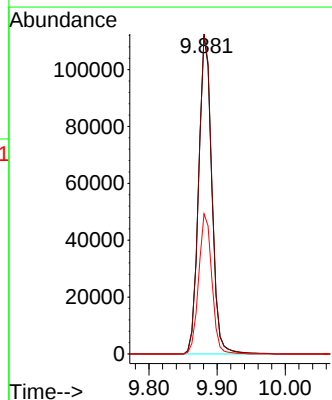
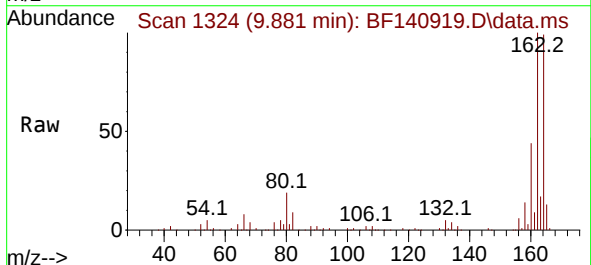
Instrument :
BNA_F
ClientSampleId :
PB165719BL

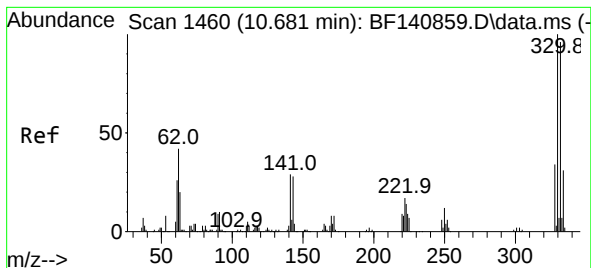
Tgt Ion: 82 Resp: 533167
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion: 164 Resp: 149553
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 147.375 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140919.D

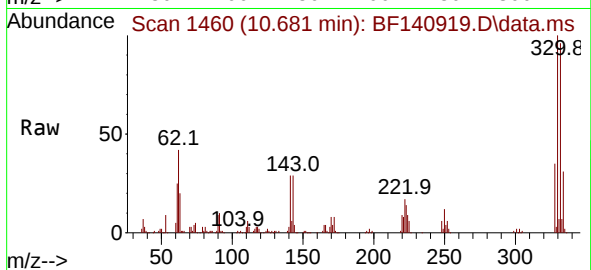
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Instrument :

BNA_F

ClientSampleId :

PB165719BL



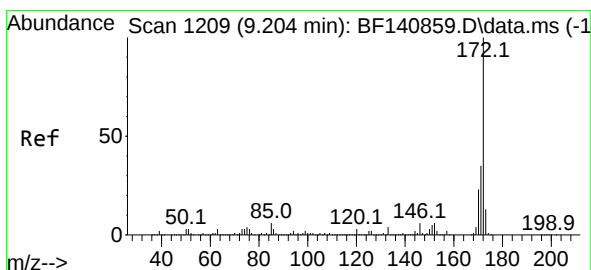
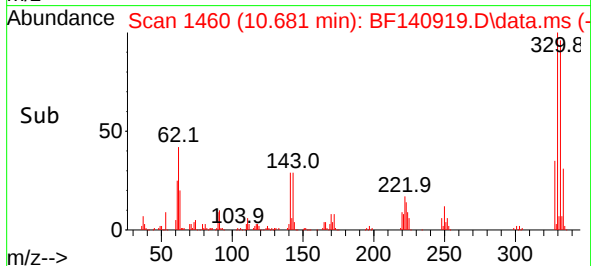
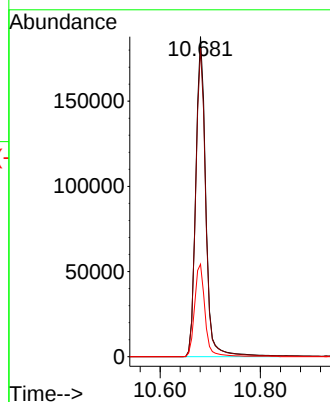
Tgt Ion:330 Resp: 260675

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 30.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 100.375 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

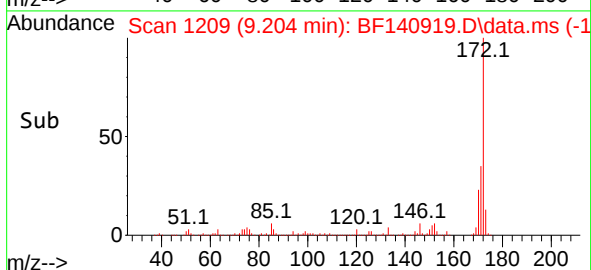
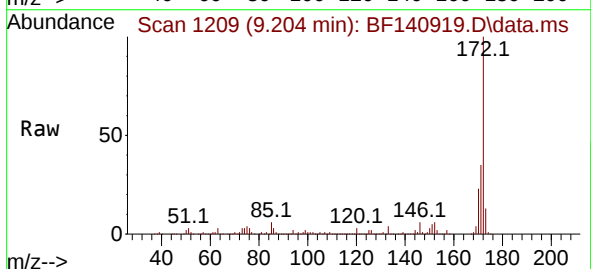
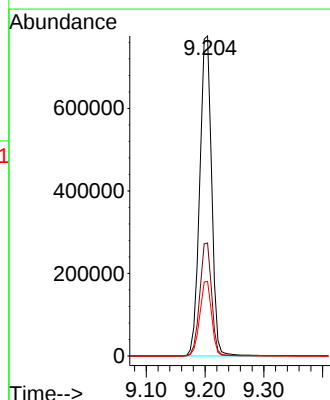
Tgt Ion:172 Resp: 1091858

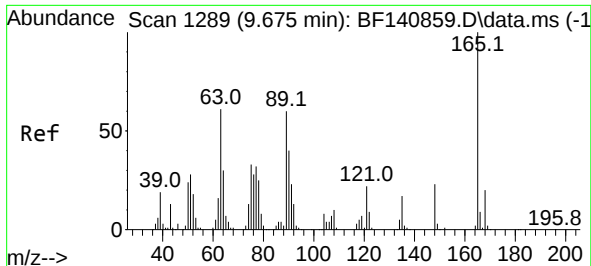
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 7.956 ng

RT: 9.881 min Scan# 1324

Delta R.T. 0.206 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165719BL

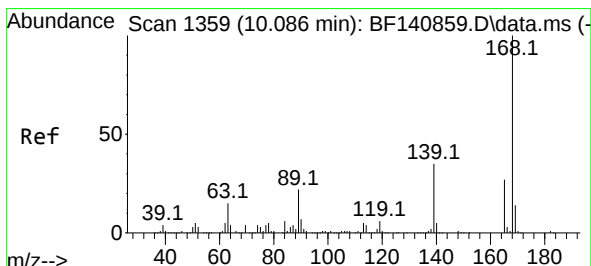
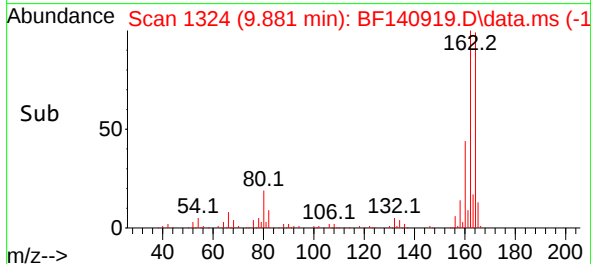
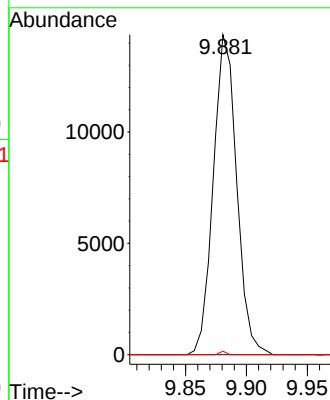
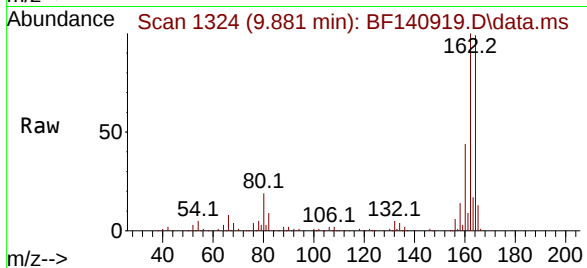
Tgt Ion:165 Resp: 19177

Ion Ratio Lower Upper

165 100

63 0.0 49.7 74.5#

89 1.1 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 6.047 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Tgt Ion:165 Resp: 19177

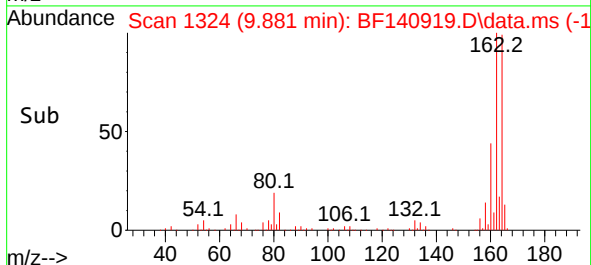
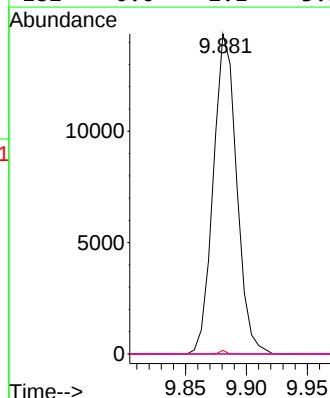
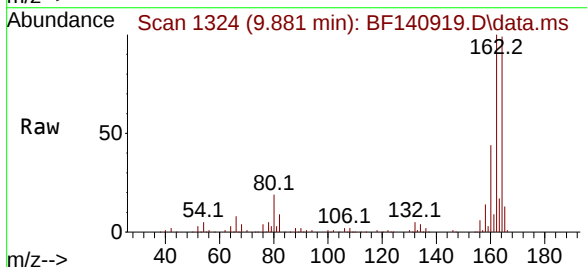
Ion Ratio Lower Upper

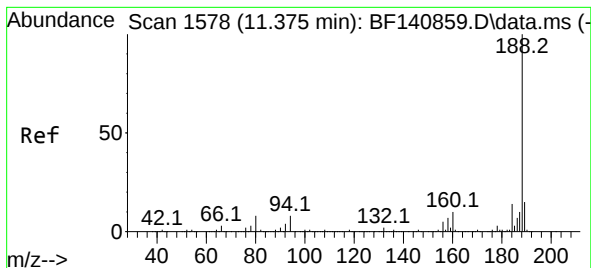
165 100

63 0.0 49.3 73.9#

89 1.1 66.2 99.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165719BL

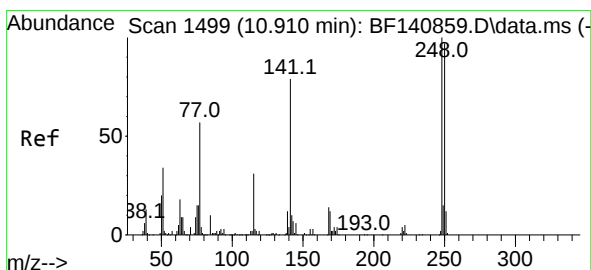
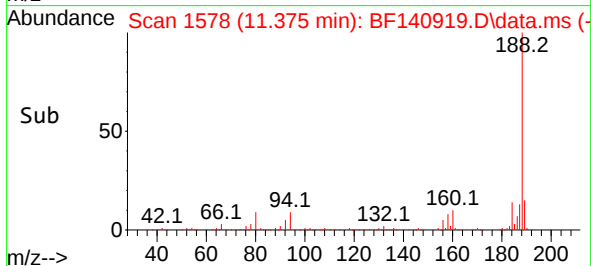
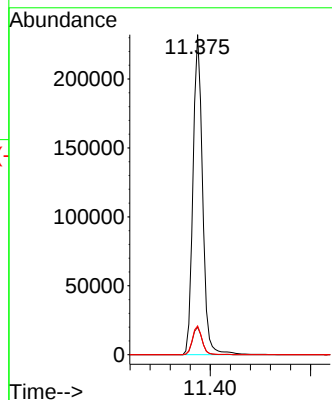
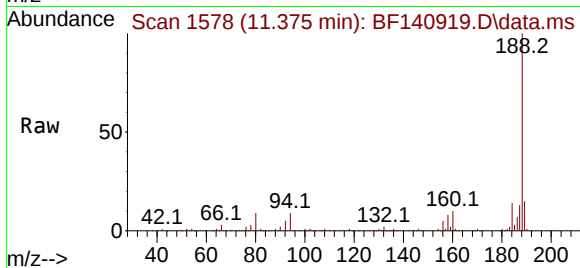
Tgt Ion:188 Resp: 307565

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.0 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.585 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.229 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

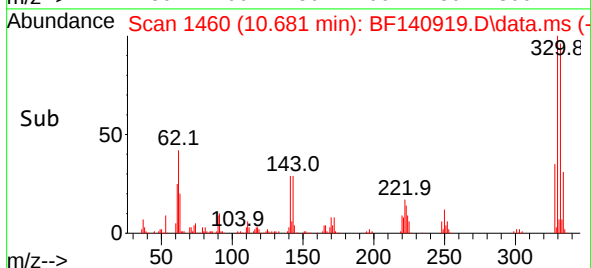
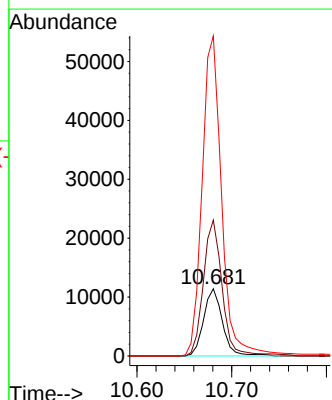
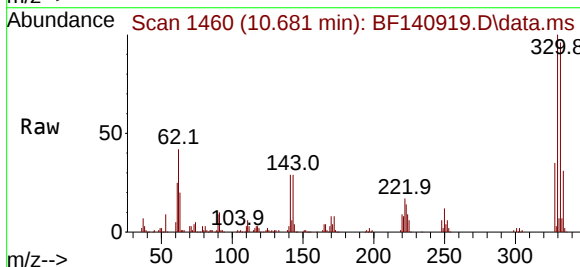
Tgt Ion:248 Resp: 15776

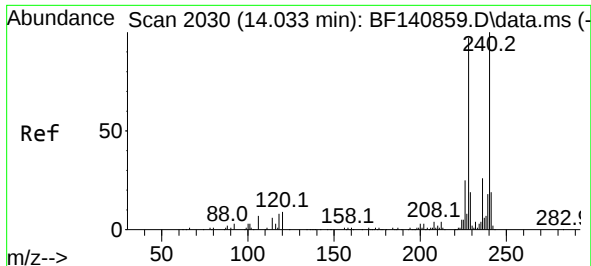
Ion Ratio Lower Upper

248 100

250 202.2 77.4 116.2#

141 476.4 62.9 94.3#

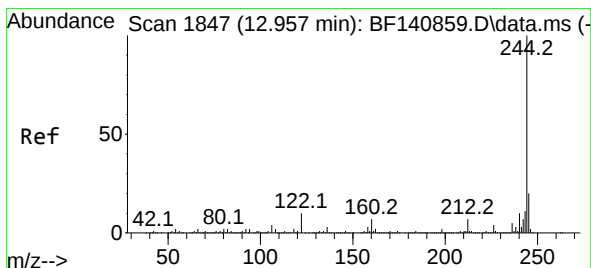
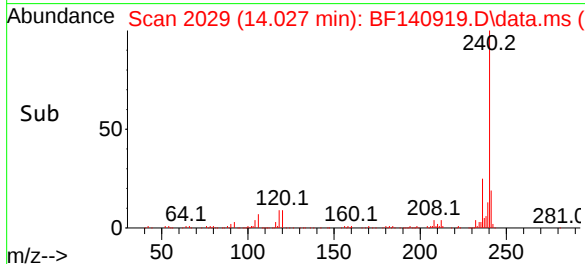
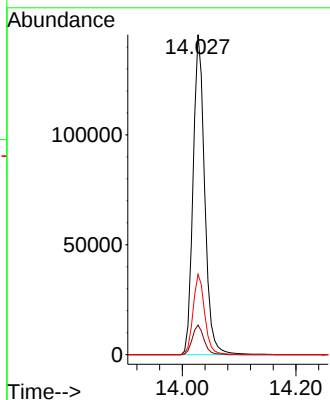
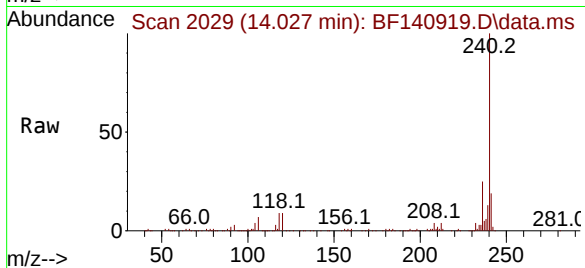




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

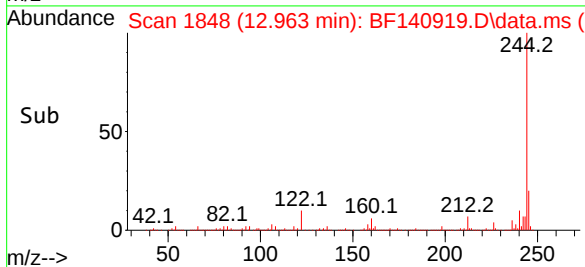
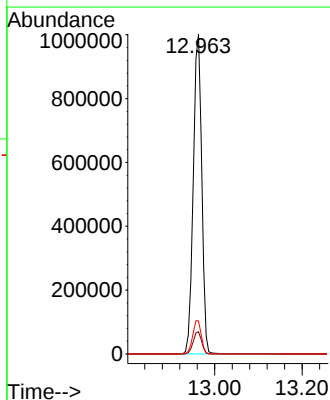
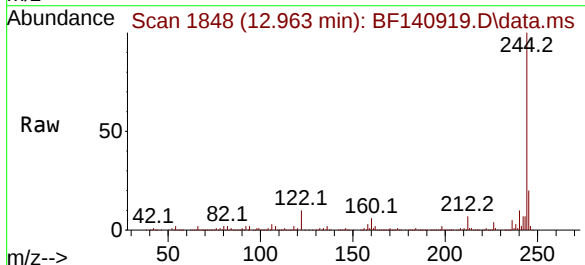
Instrument :
BNA_F
ClientSampleId :
PB165719BL

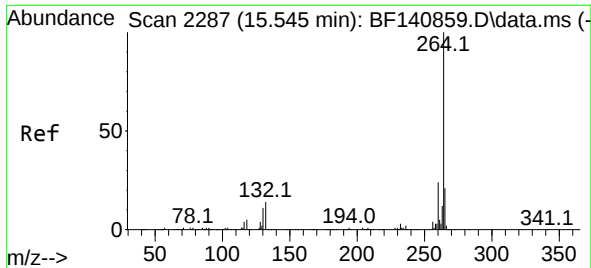
Tgt Ion:240 Resp: 207734
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.1 20.5 30.7



#79
Terphenyl-d14
Concen: 102.652 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

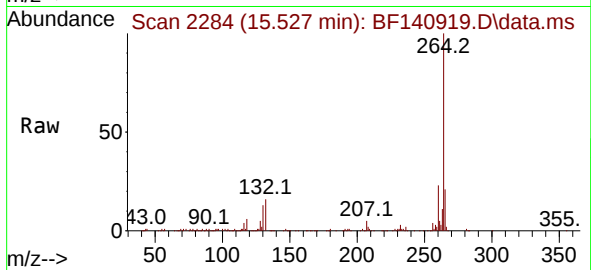
Tgt Ion:244 Resp: 1352323
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.3 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB165719BL



Tgt Ion:264 Resp: 165067
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 20.8 17.0 25.4

