

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130467.D
 Acq On : 29 Sep 2022 15:15
 Operator : CG\JU
 Sample : N4860-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Sep 30 03:08:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

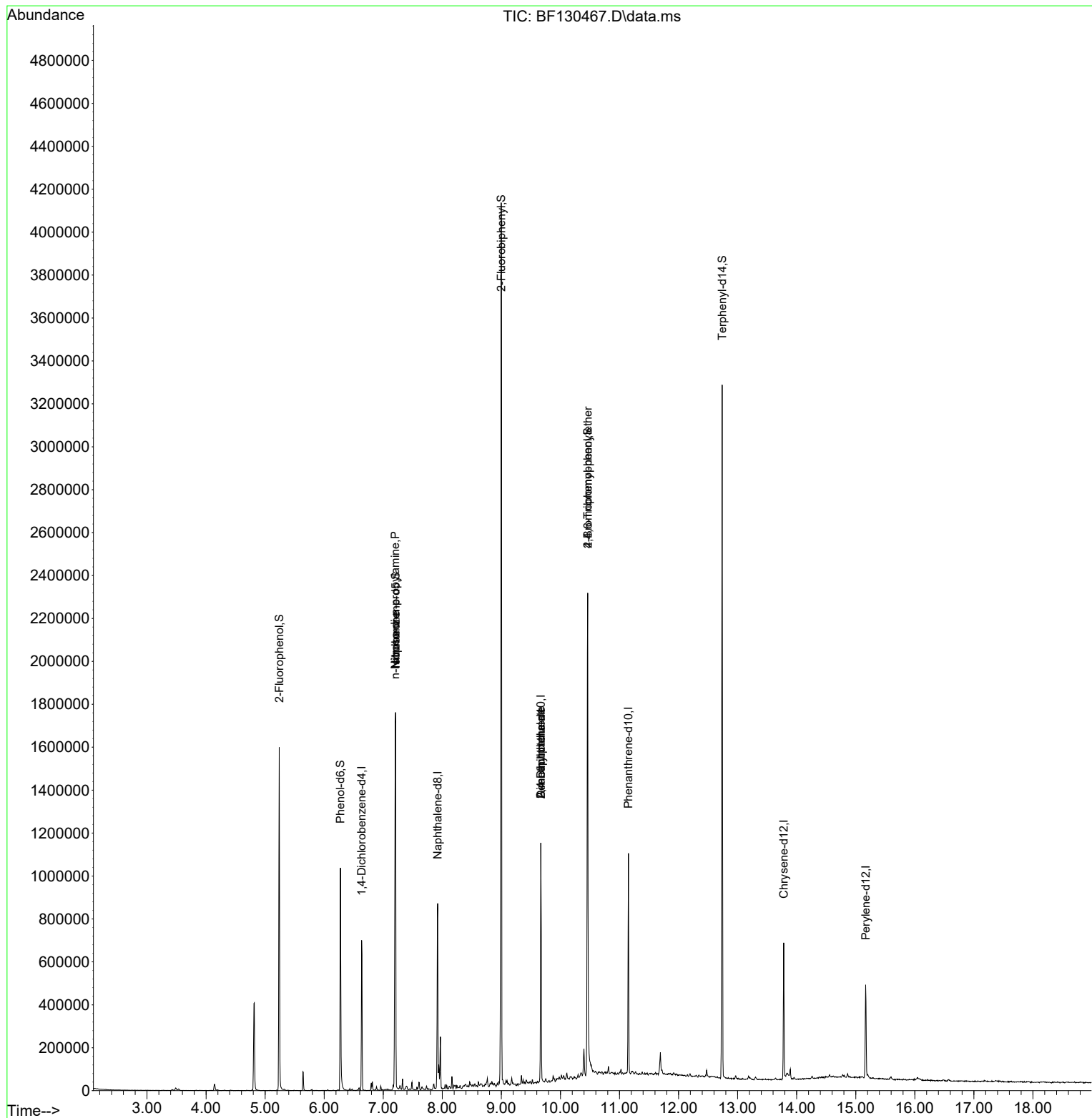
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	106502	20.000	ng	-0.01
21) Naphthalene-d8	7.922	136	410151	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	213511	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	333146	20.000	ng	0.00
76) Chrysene-d12	13.780	240	197350	20.000	ng	-0.01
86) Perylene-d12	15.168	264	179683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.239	112	417246	67.952	ng	0.00
7) Phenol-d6	6.275	99	340203	44.280	ng	-0.02
23) Nitrobenzene-d5	7.210	82	676037	84.207	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	344100	168.195	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1342976	91.594	ng	-0.01
79) Terphenyl-d14	12.739	244	1043018	87.548	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	92551	17.852	ng	# 72
25) Isophorone	7.210	82	671136	51.867	ng	# 66
50) Dimethylphthalate	9.669	163	40506	2.746	ng	# 1
57) 2,4-Dinitrotoluene	9.669	165	27498	6.976	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	20495	5.577	ng	# 1

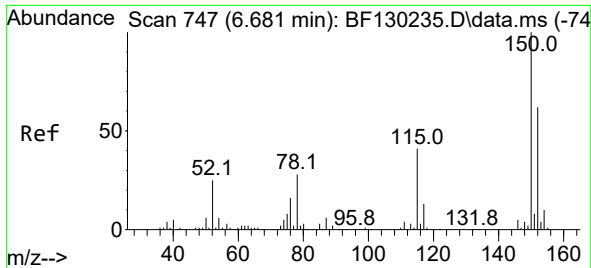
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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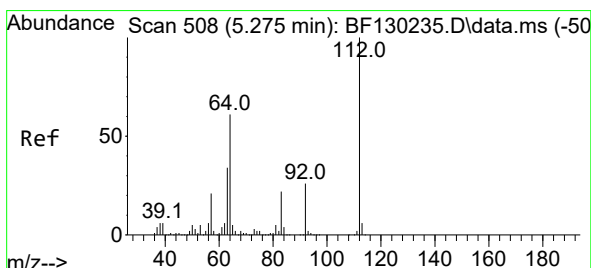
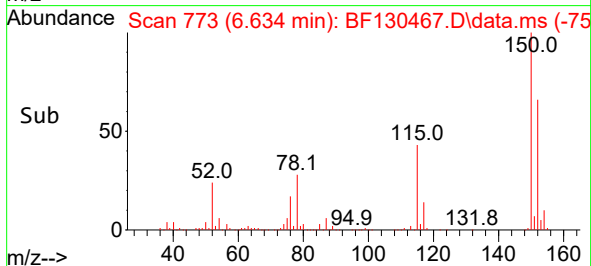
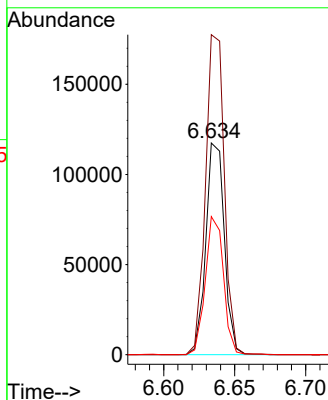
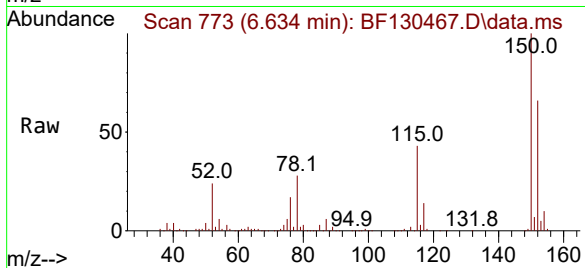




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130467.D
 Acq: 29 Sep 2022 15:15

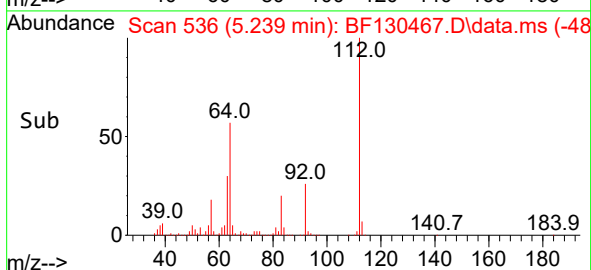
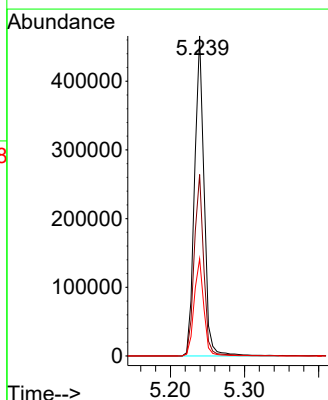
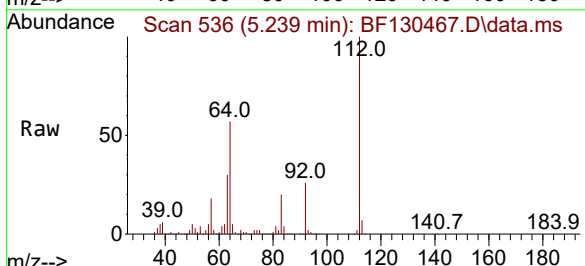
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

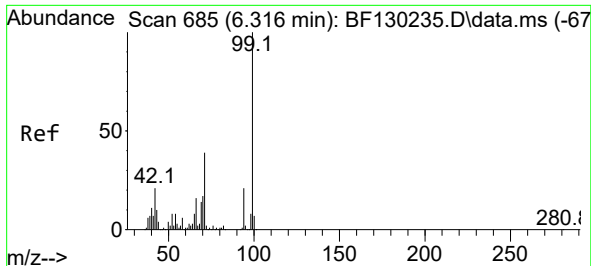
Tgt Ion:152 Resp: 106502
 Ion Ratio Lower Upper
 152 100
 150 151.2 122.8 184.2
 115 65.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 67.952 ng
 RT: 5.239 min Scan# 536
 Delta R.T. -0.006 min
 Lab File: BF130467.D
 Acq: 29 Sep 2022 15:15

Tgt Ion:112 Resp: 417246
 Ion Ratio Lower Upper
 112 100
 64 56.7 51.4 77.0
 63 30.3 28.8 43.2

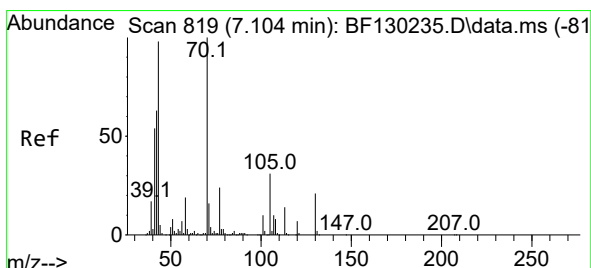
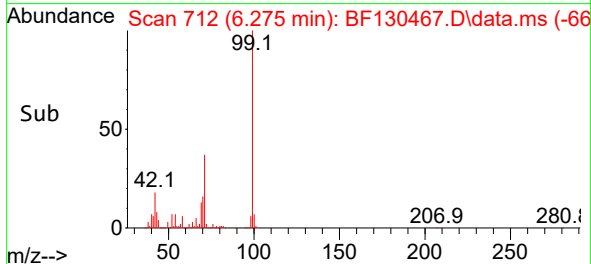
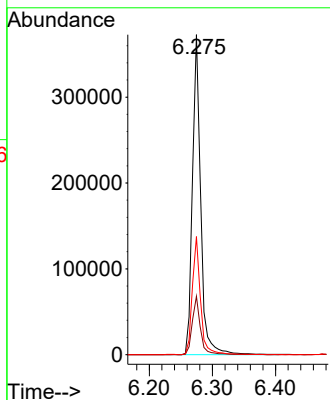
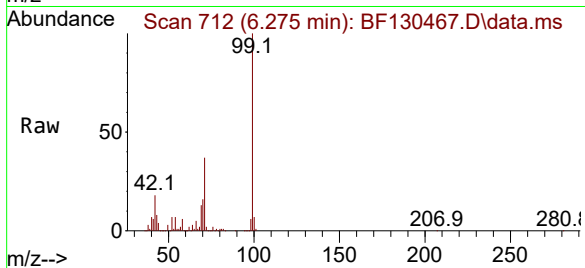




#7
Phenol-d6
Concen: 44.280 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

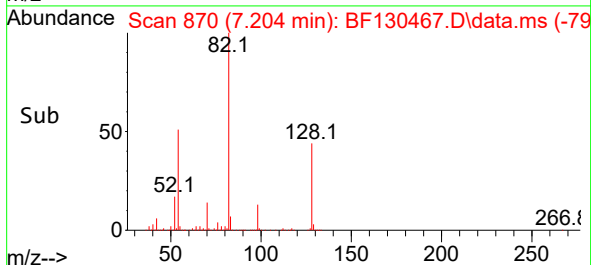
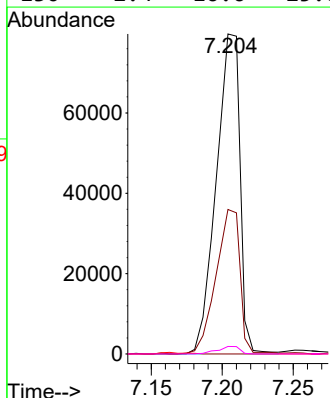
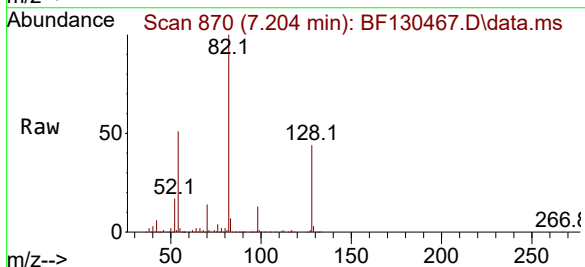
Instrument :
BNA_F
ClientSampleId :
MW-03

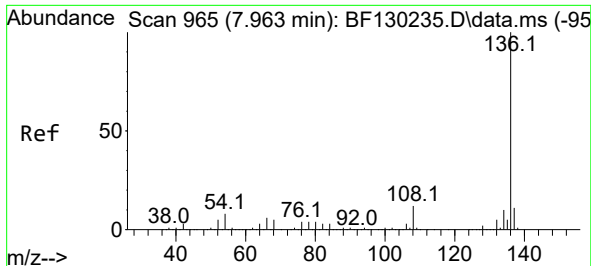
Tgt Ion: 99 Resp: 340203
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 36.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.852 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

Tgt Ion: 70 Resp: 92551
Ion Ratio Lower Upper
70 100
42 45.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

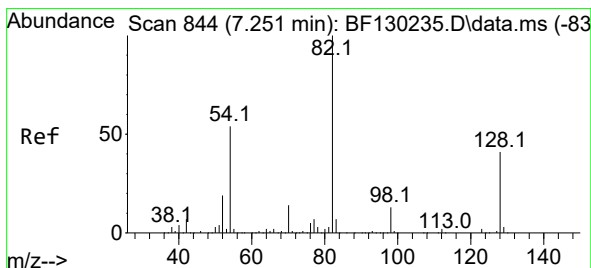
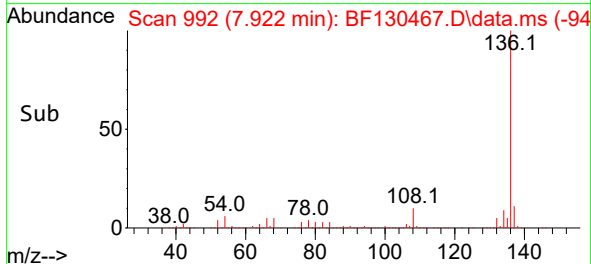
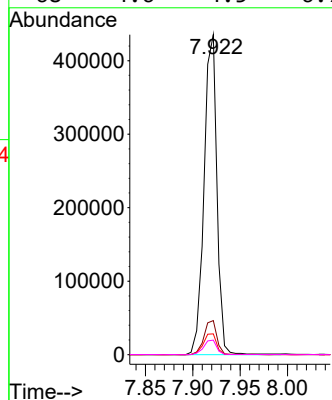
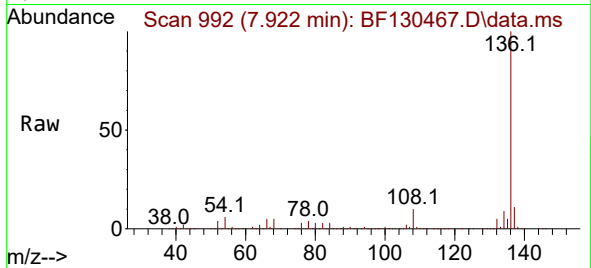




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

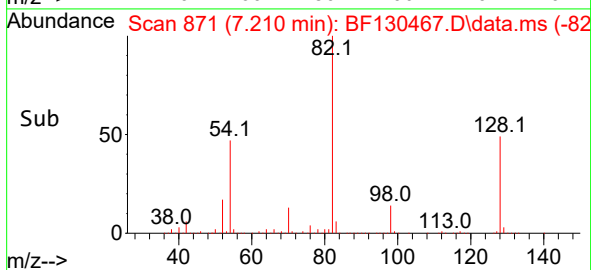
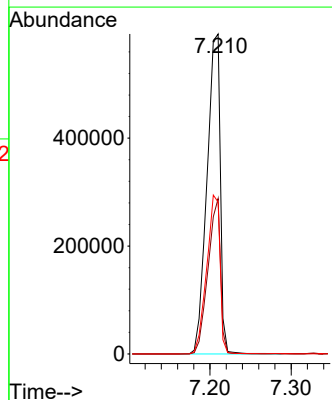
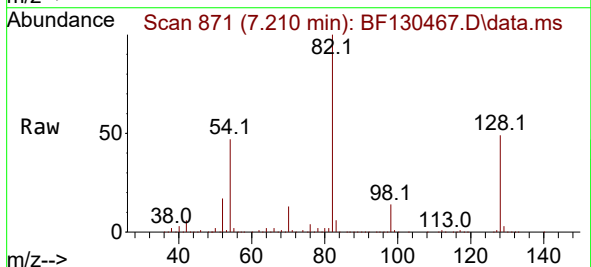
Instrument :
BNA_F
ClientSampleId :
MW-03

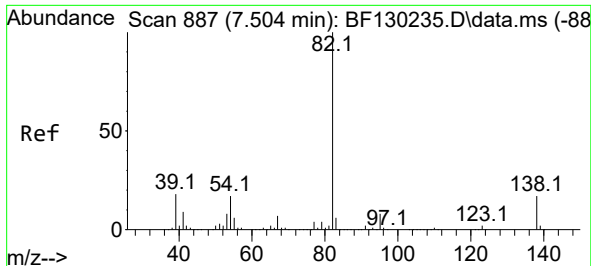
Tgt Ion:136 Resp: 410151
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.5 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.207 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

Tgt Ion: 82 Resp: 676037
Ion Ratio Lower Upper
82 100
128 48.6 32.6 49.0
54 47.5 43.8 65.6

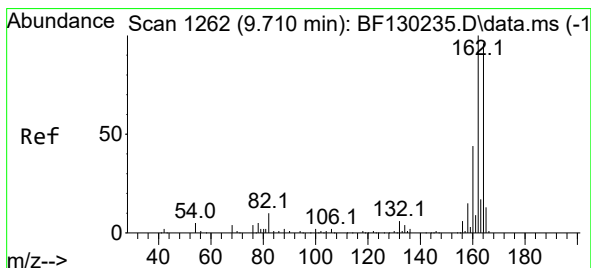
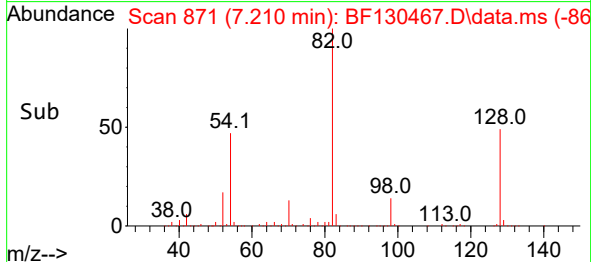
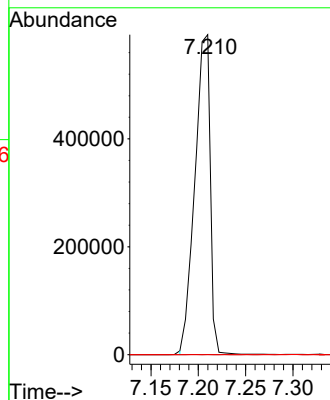
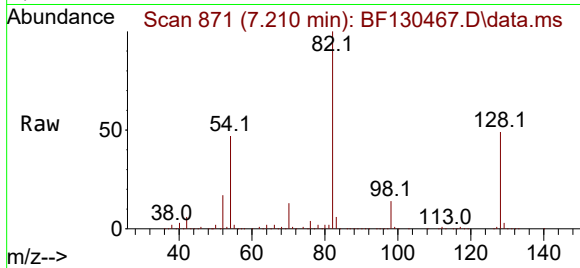




#25
Isophorone
Concen: 51.867 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

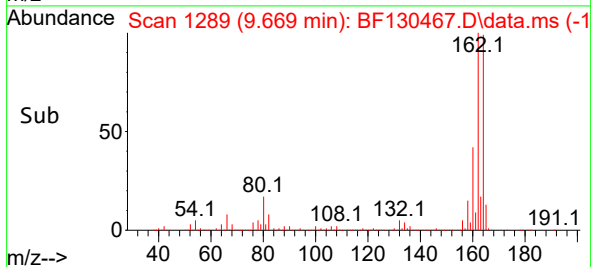
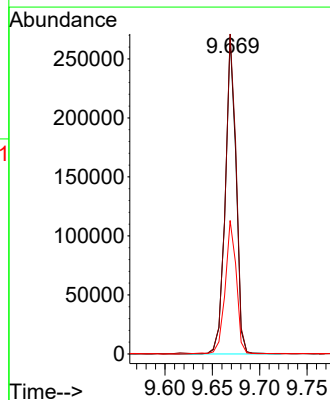
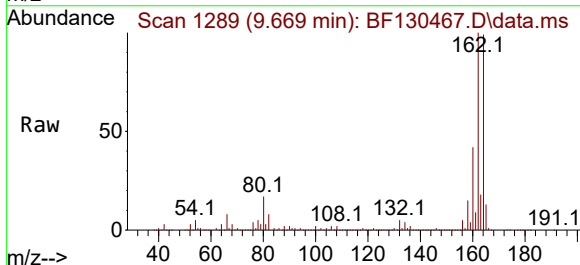
Instrument :
BNA_F
ClientSampleId :
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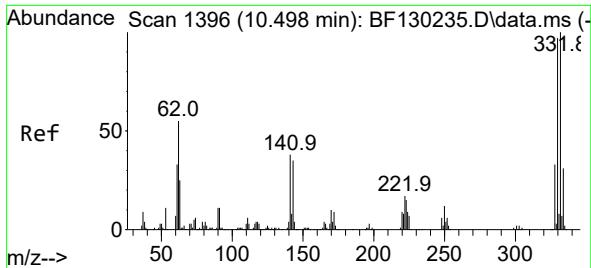
Tgt Ion: 82 Resp: 671136
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

Tgt Ion: 164 Resp: 213511
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 42.1 36.2 54.4

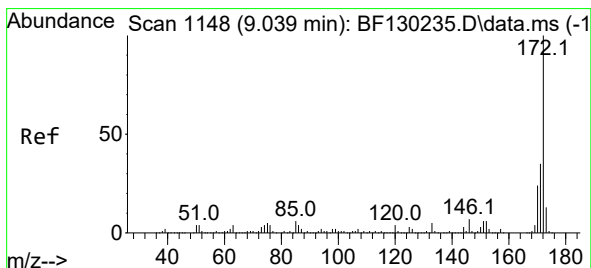
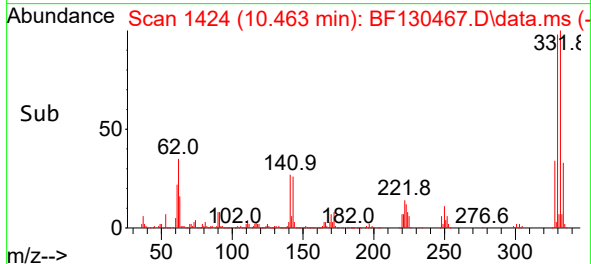
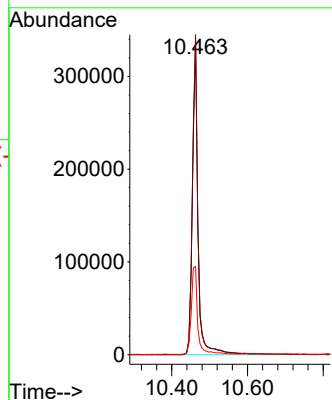
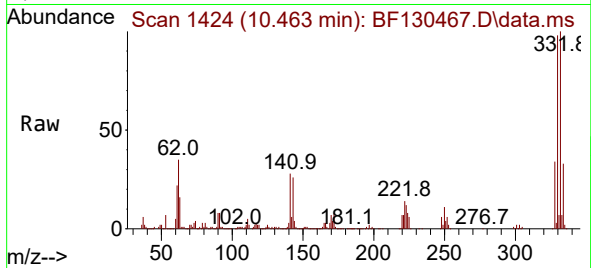




#42
2,4,6-Tribromophenol
Concen: 168.195 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

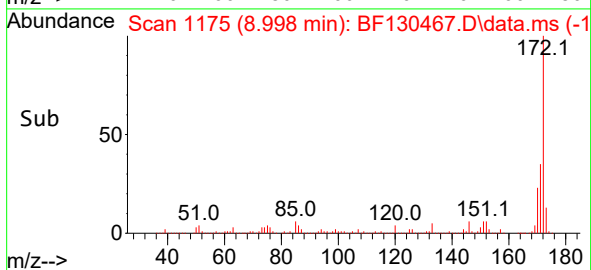
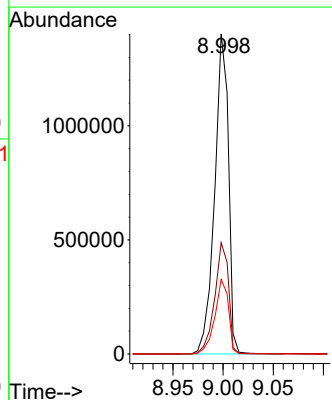
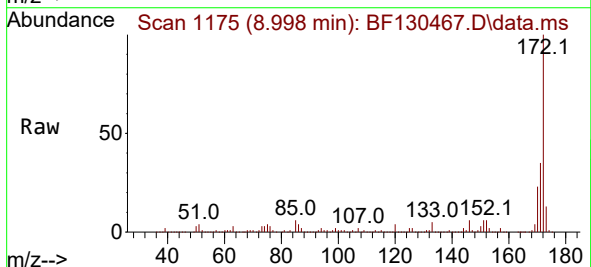
Instrument :
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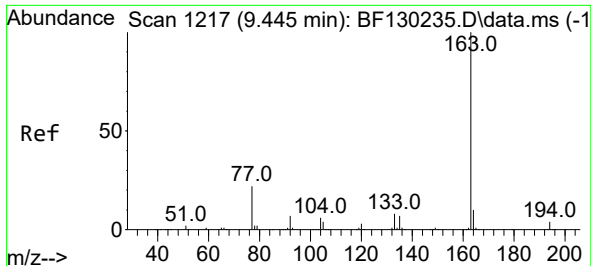
Tgt Ion:330 Resp: 344100
Ion Ratio Lower Upper
330 100
332 102.2 83.4 125.2
141 32.6 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 91.594 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

Tgt Ion:172 Resp: 1342976
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 18.7 28.1

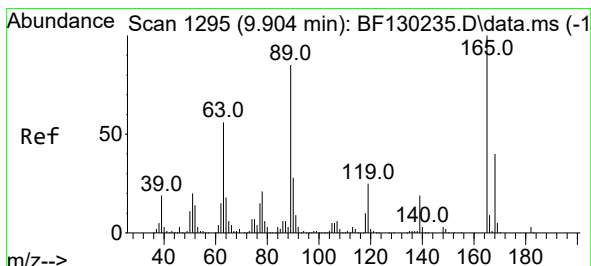
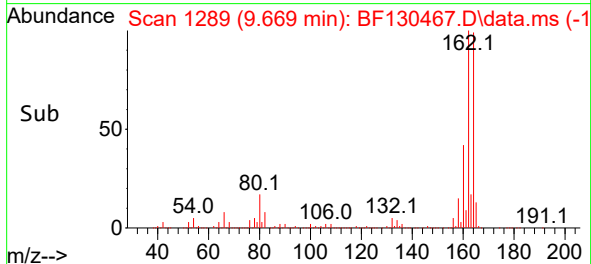
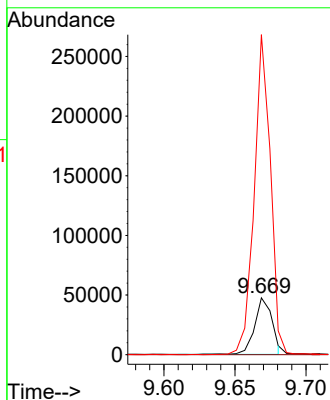
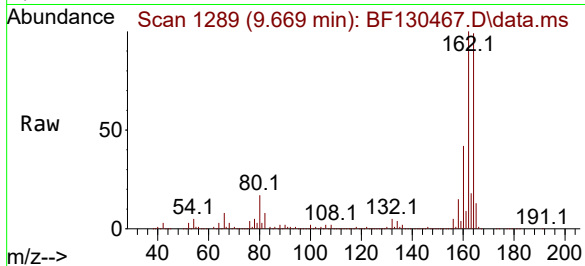




#50
Dimethylphthalate
Concen: 2.746 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.253 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

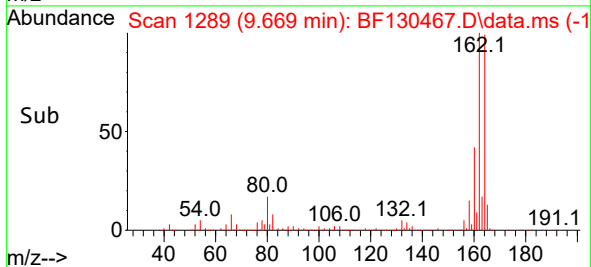
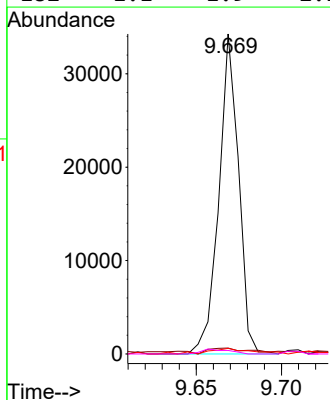
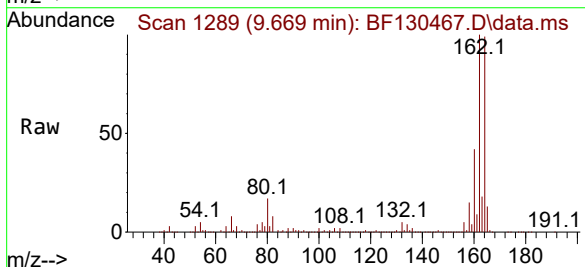
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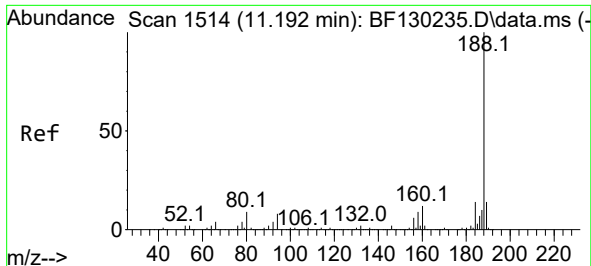
Tgt Ion:163 Resp: 40506
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 563.3 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 6.976 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

Tgt Ion:165 Resp: 27498
Ion Ratio Lower Upper
165 100
63 1.9 44.7 67.1#
89 1.7 69.0 103.4#
182 1.1 1.9 2.9#

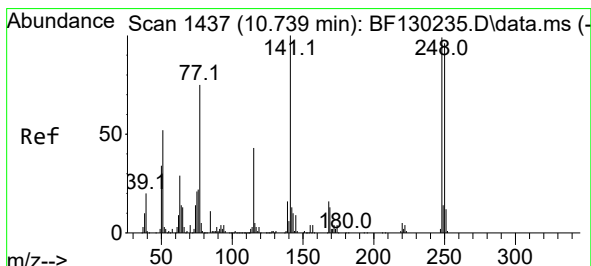
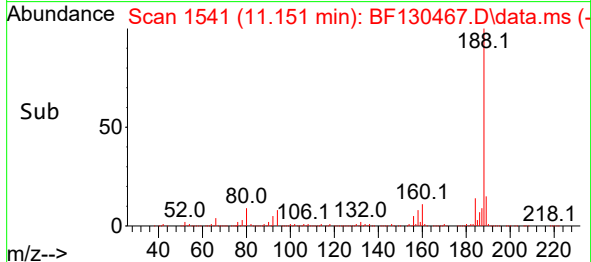
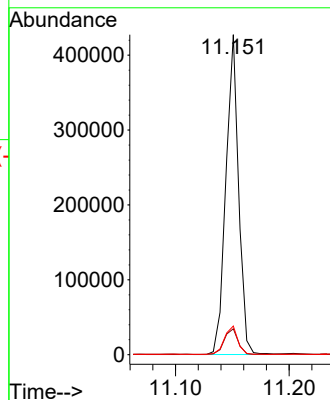
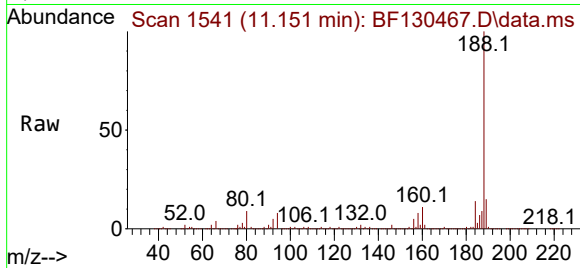




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

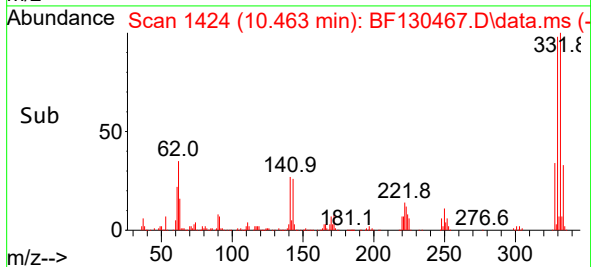
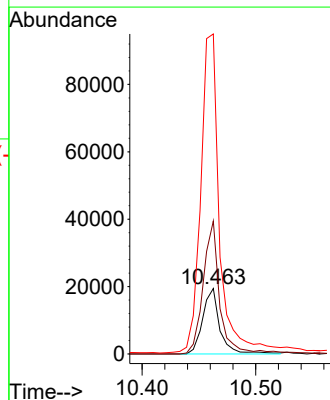
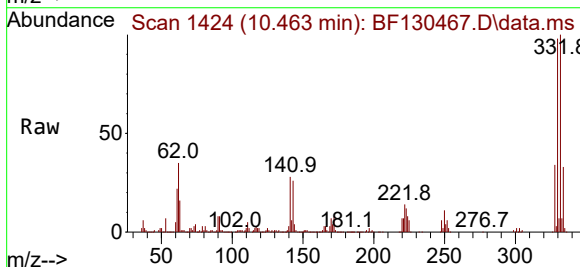
Instrument :
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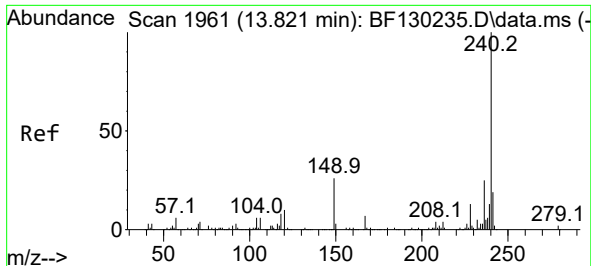
Tgt Ion:188 Resp: 333146
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.577 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.247 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

Tgt Ion:248 Resp: 20495
Ion Ratio Lower Upper
248 100
250 203.1 80.0 120.0#
141 488.8 68.5 102.7#

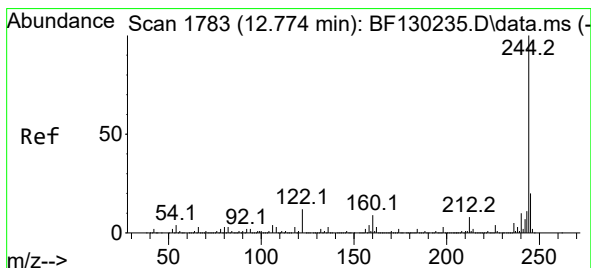
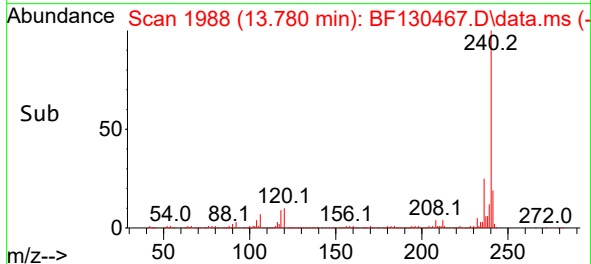
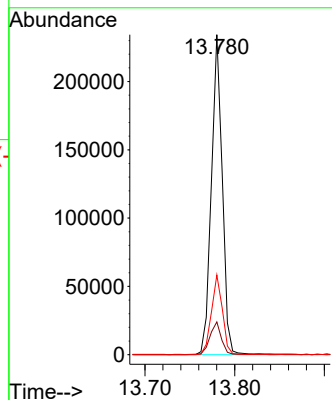
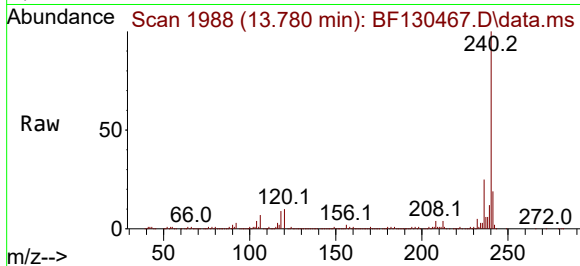




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1811
Delta R.T. -0.012 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

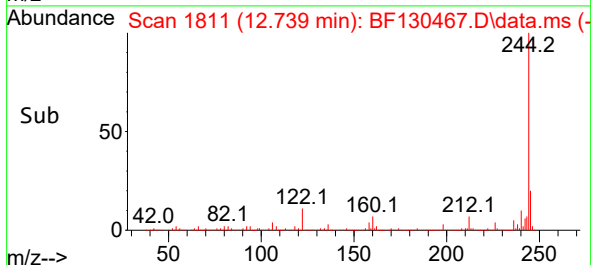
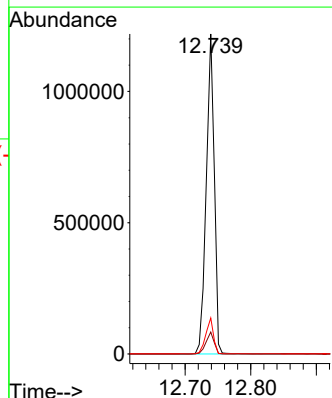
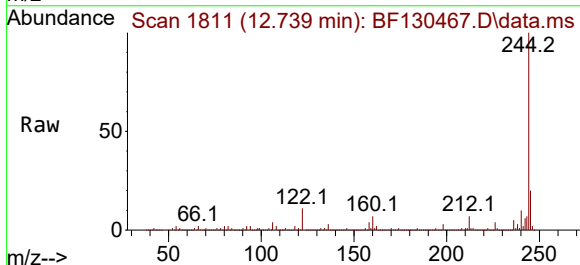
Instrument :
BNA_F
ClientSampleId :
MW-03

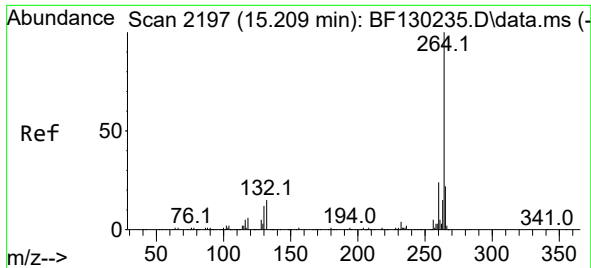
Tgt Ion:240 Resp: 197350
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 24.9 20.9 31.3



#79
Terphenyl-d14
Concen: 87.548 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF130467.D
Acq: 29 Sep 2022 15:15

Tgt Ion:244 Resp: 1043018
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.3 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130467.D

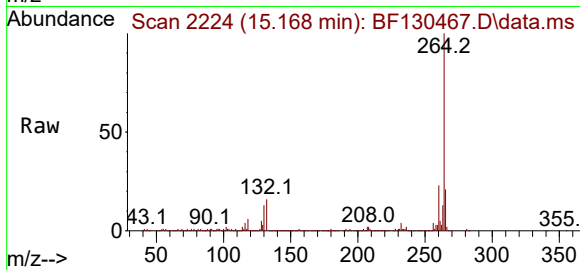
Acq: 29 Sep 2022 15:15

Instrument :

BNA_F

ClientSampleId :

MW-03



Tgt Ion:264 Resp: 179683

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 20.9 17.0 25.4

