

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130325.D
 Acq On : 19 Sep 2022 17:34
 Operator : CG\JU
 Sample : N4648-01DL2 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48854-1040DL2

Quant Time: Sep 20 02:26:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

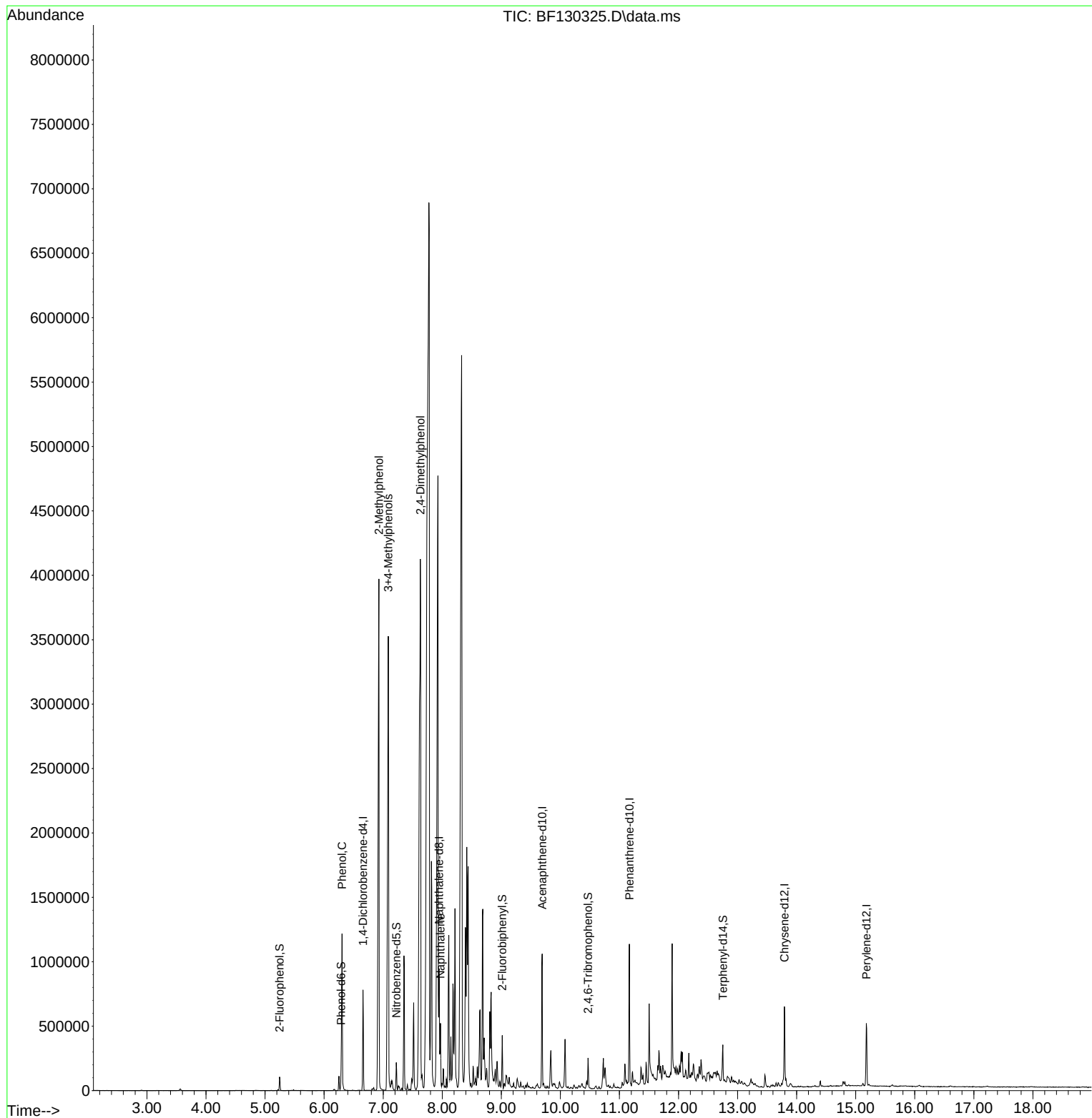
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	106269	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	391268	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	210509	20.000	ng	0.00
64) Phenanthrene-d10	11.168	188	348088	20.000	ng	0.00
76) Chrysene-d12	13.792	240	177860	20.000	ng	-0.01
86) Perylene-d12	15.180	264	200840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	26988	4.405	ng	-0.01
7) Phenol-d6	6.286	99	23061	3.008	ng	-0.01
23) Nitrobenzene-d5	7.222	82	58077	7.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.469	330	18652	9.247	ng	-0.01
45) 2-Fluorobiphenyl	9.016	172	104580	7.234	ng	0.00
79) Terphenyl-d14	12.751	244	85099	7.926	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.304	94	375596	41.807	ng	94
17) 2-Methylphenol	6.928	107	826563	145.687	ng	99
20) 3+4-Methylphenols	7.086	107	1059357	143.734	ng	# 53
27) 2,4-Dimethylphenol	7.628	122	1287662	262.335	ng	# 88
31) Naphthalene	7.969	128	191124	9.481	ng	99

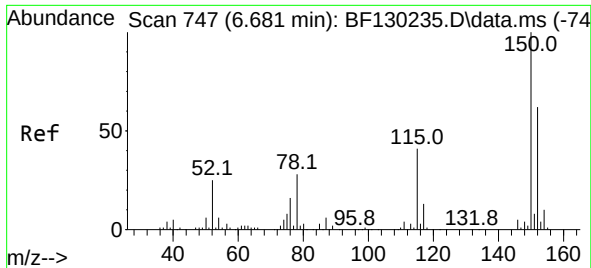
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

Quant Time: Sep 20 02:26:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

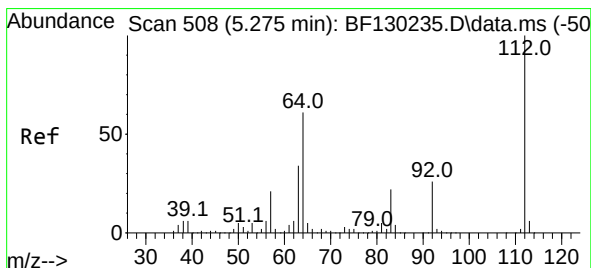
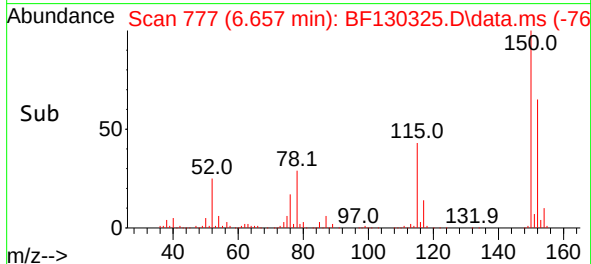
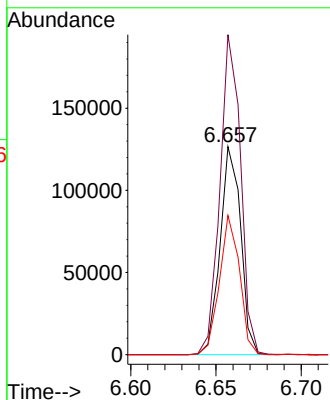
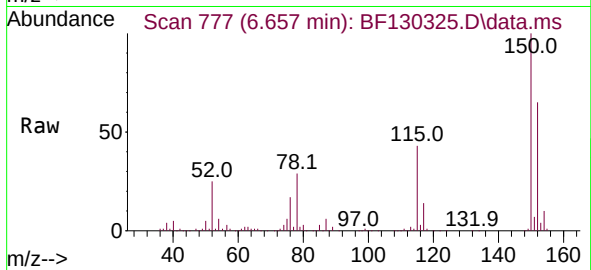




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

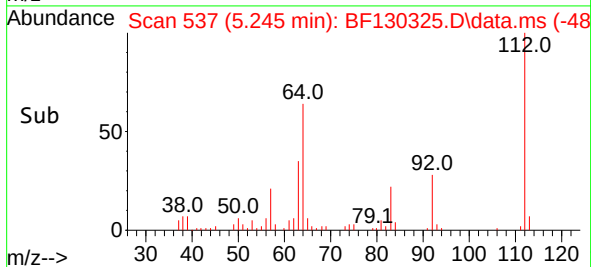
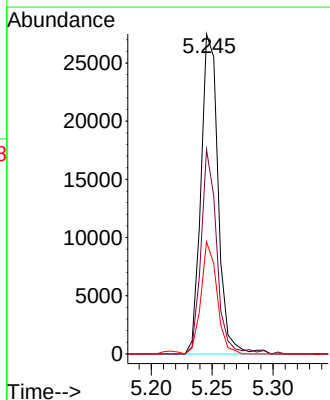
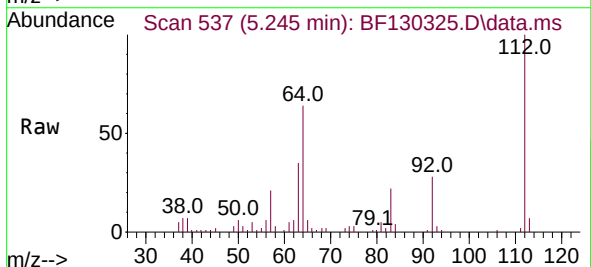
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

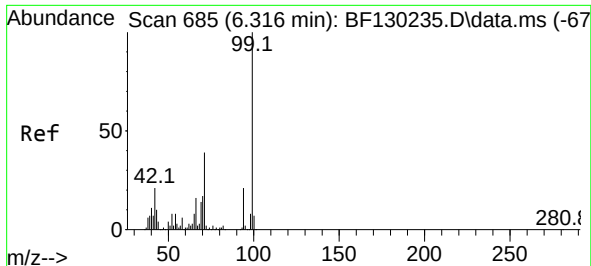
Tgt Ion:152 Resp: 106269
Ion Ratio Lower Upper
152 100
150 153.9 122.8 184.2
115 66.9 53.8 80.8



#5
2-Fluorophenol
Concen: 4.405 ng
RT: 5.245 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:112 Resp: 26988
Ion Ratio Lower Upper
112 100
64 63.9 51.4 77.0
63 35.0 28.8 43.2

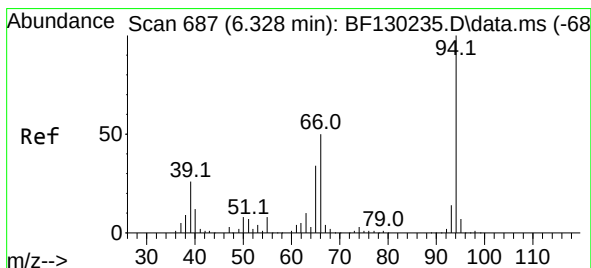
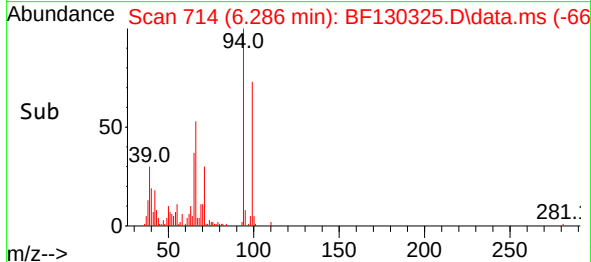
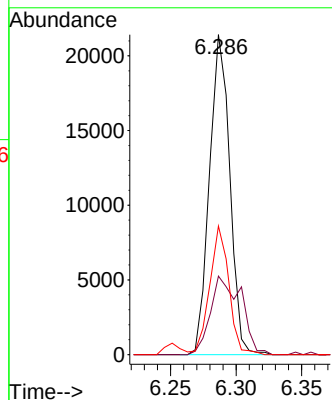
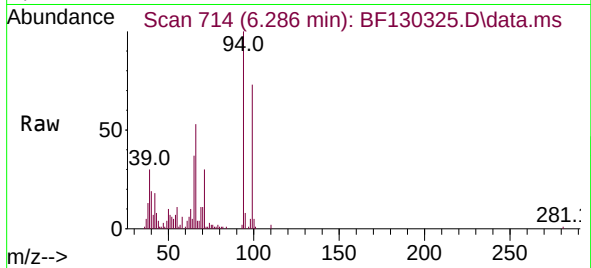




#7
Phenol-d6
Concen: 3.008 ng
RT: 6.286 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

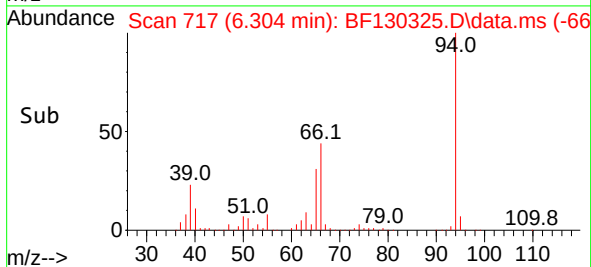
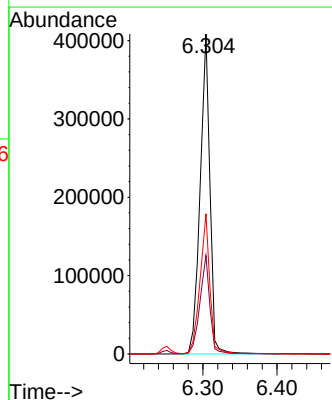
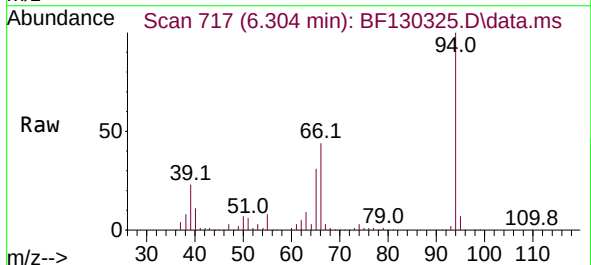
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

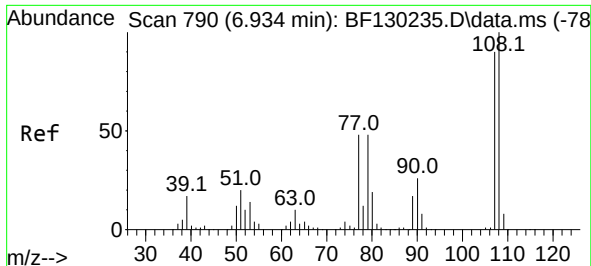
Tgt Ion: 99 Resp: 23061
Ion Ratio Lower Upper
99 100
42 24.5 17.0 25.6
71 40.2 32.3 48.5



#10
Phenol
Concen: 41.807 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion: 94 Resp: 375596
Ion Ratio Lower Upper
94 100
65 30.8 14.1 54.1
66 43.8 28.1 68.1

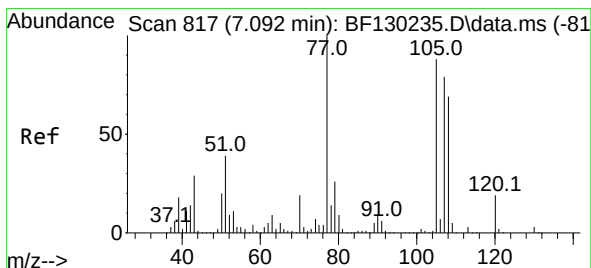
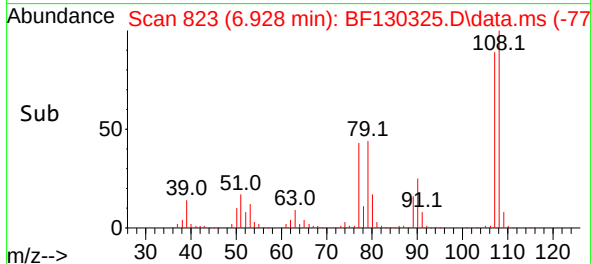
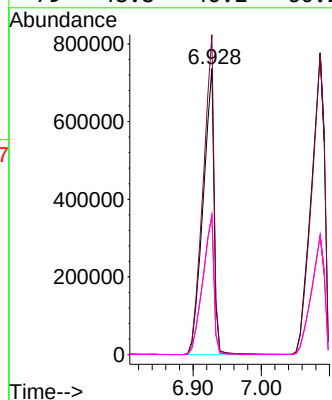
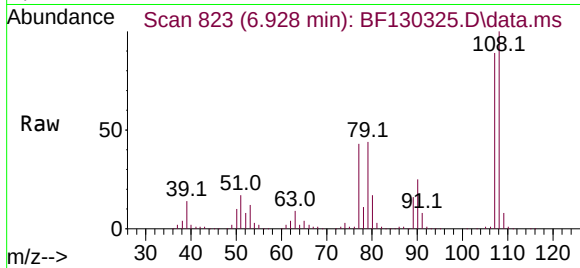




#17
2-Methylphenol
Concen: 145.687 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

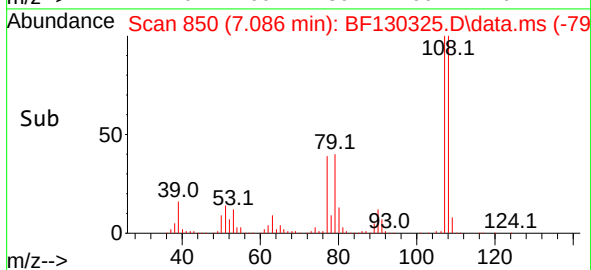
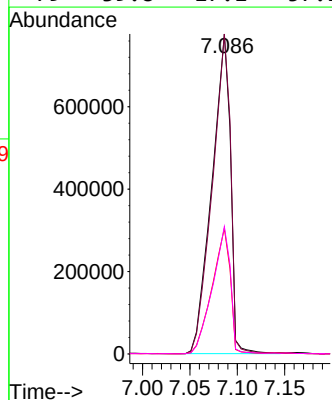
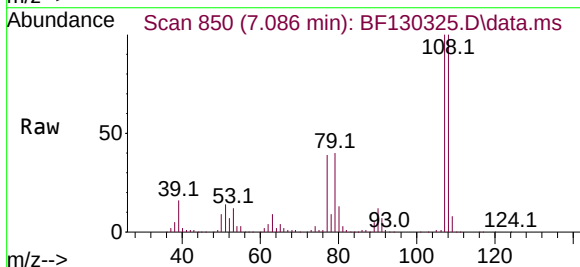
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

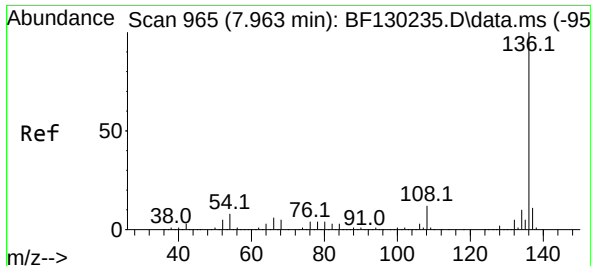
Tgt Ion:107 Resp: 826563
Ion Ratio Lower Upper
107 100
108 111.9 89.4 134.0
77 48.6 40.6 60.8
79 48.8 40.2 60.2



#20
3+4-Methylphenols
Concen: 143.734 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:107 Resp: 1059357
Ion Ratio Lower Upper
107 100
108 100.1 74.8 114.8
77 39.3 125.8 165.8#
79 39.8 17.1 57.1

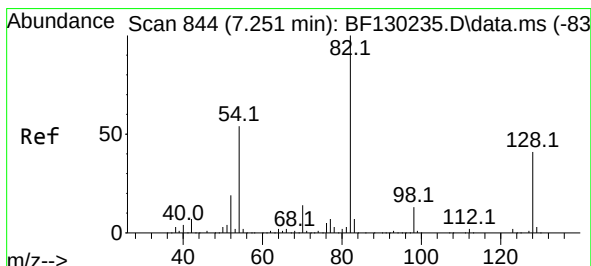
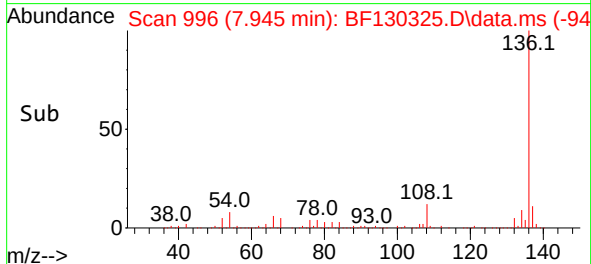
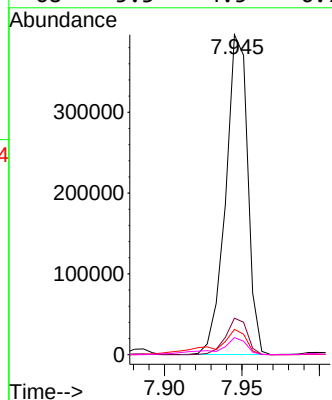
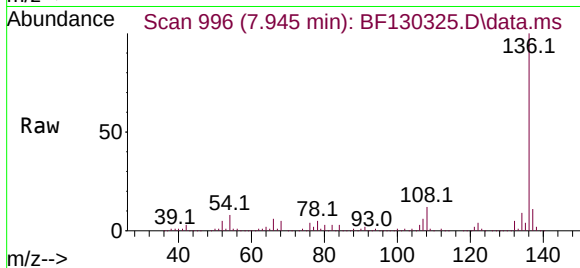




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

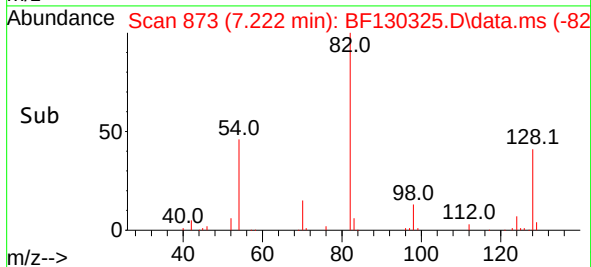
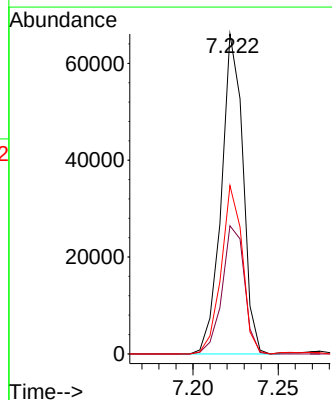
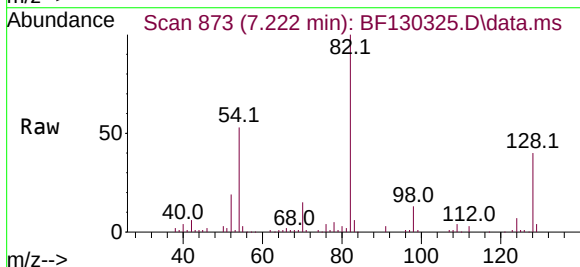
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

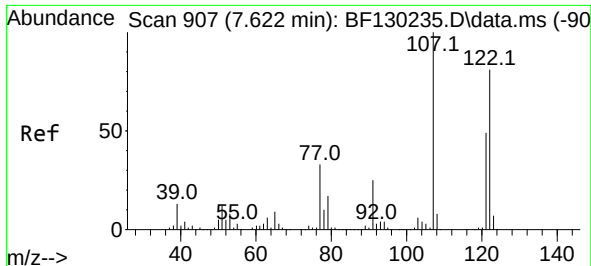
Tgt Ion:136	Resp:	391268
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	7.9	7.1 10.7
68	5.3	4.5 6.7



#23
Nitrobenzene-d5
Concen: 7.583 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion: 82	Resp:	58077
Ion Ratio	Lower	Upper
82	100	
128	40.0	32.6 49.0
54	52.6	43.8 65.6





#27

2,4-Dimethylphenol

Concen: 262.335 ng

RT: 7.628 min Scan# 94

Delta R.T. 0.023 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL2

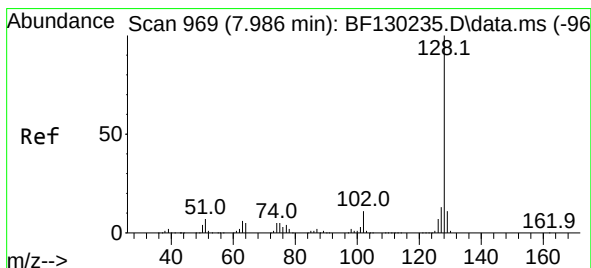
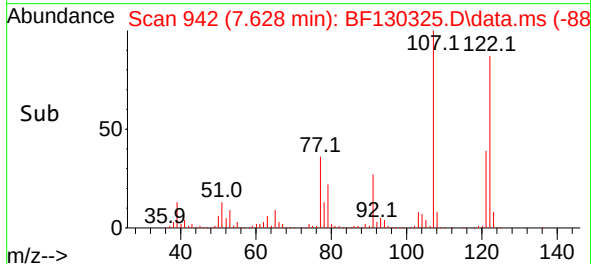
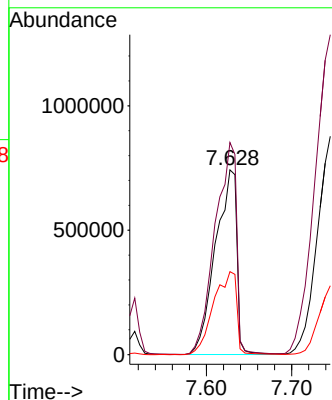
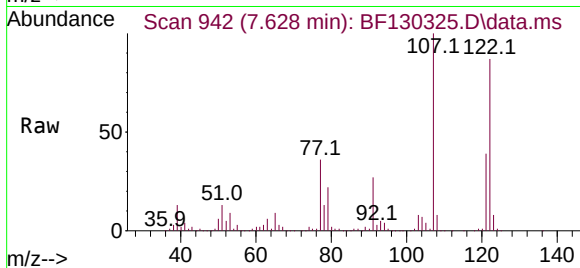
Tgt Ion:122 Resp: 1287662

Ion Ratio Lower Upper

122 100

107 114.9 100.2 150.2

121 45.0 47.8 71.8#



#31

Naphthalene

Concen: 9.481 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

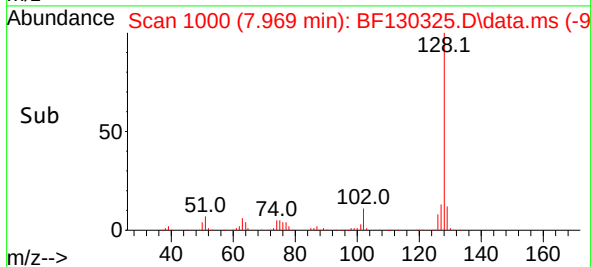
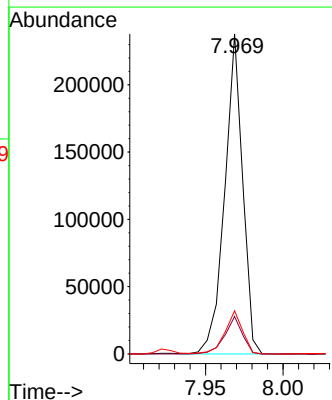
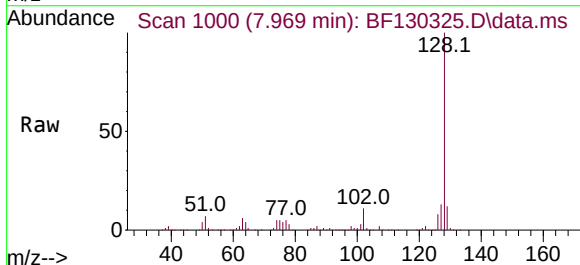
Tgt Ion:128 Resp: 191124

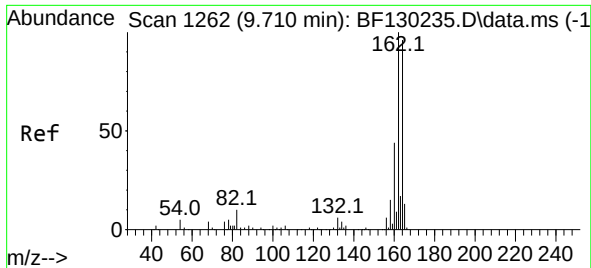
Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

127 13.5 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL2

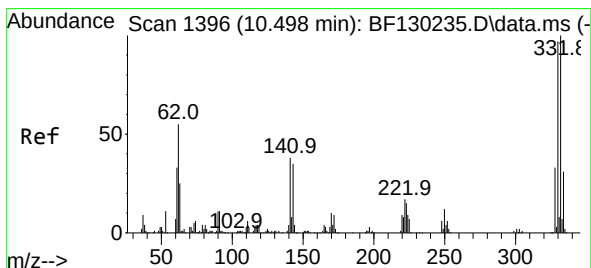
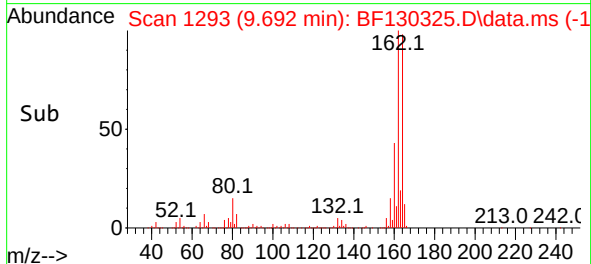
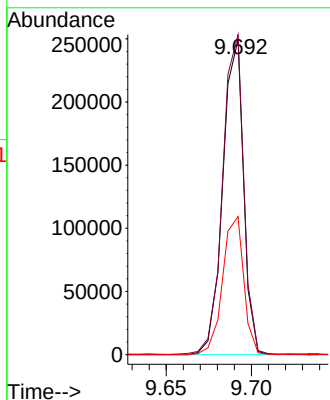
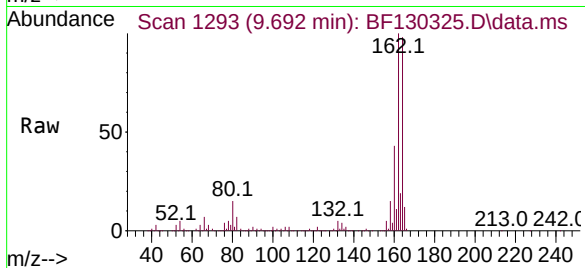
Tgt Ion:164 Resp: 210509

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 43.8 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 9.247 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.012 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

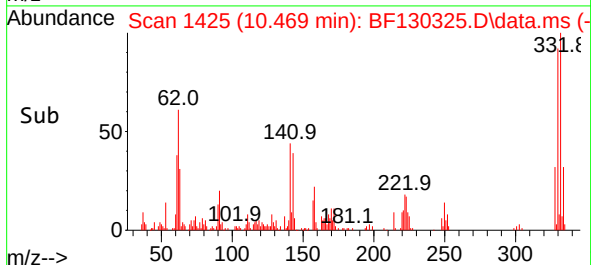
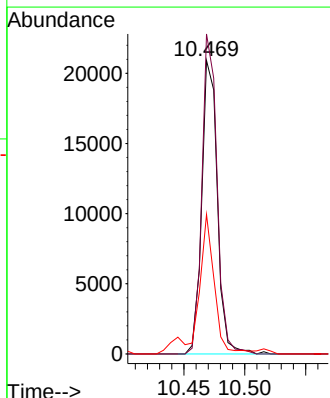
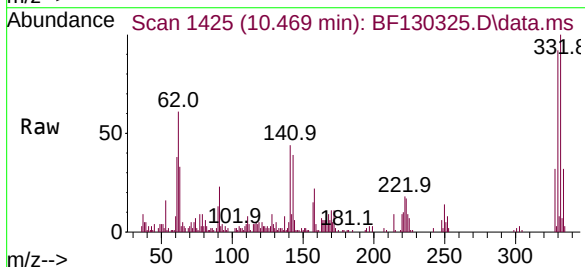
Tgt Ion:330 Resp: 18652

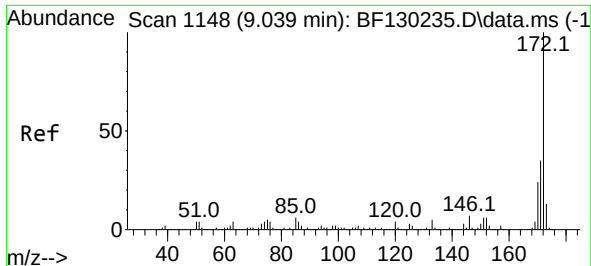
Ion Ratio Lower Upper

330 100

332 105.6 83.4 125.2

141 48.6 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 7.234 ng

RT: 9.016 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL2

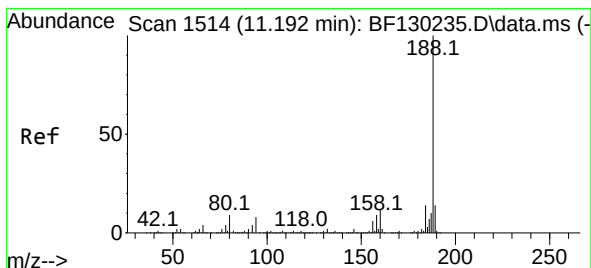
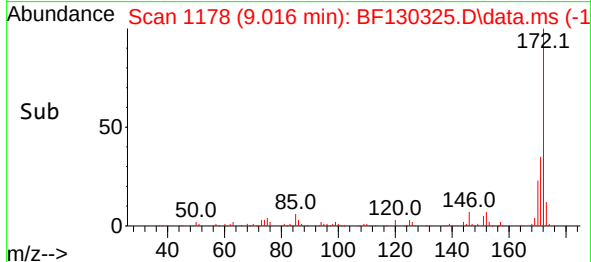
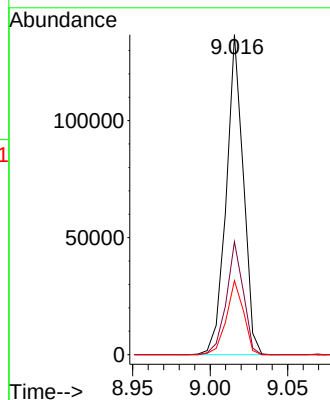
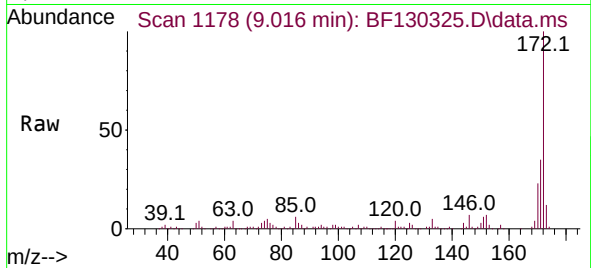
Tgt Ion:172 Resp: 104580

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.168 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

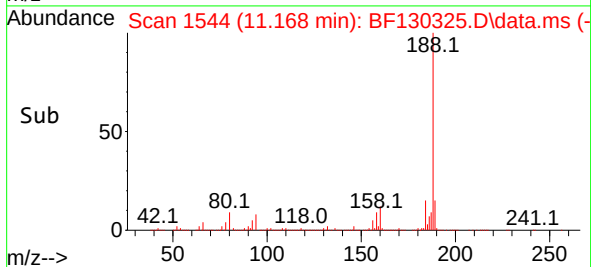
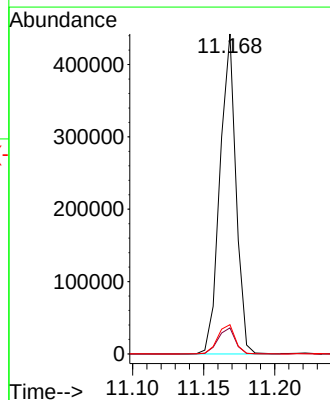
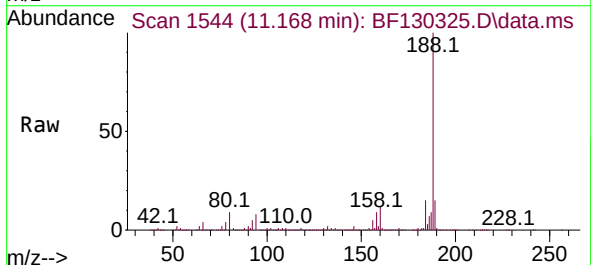
Tgt Ion:188 Resp: 348088

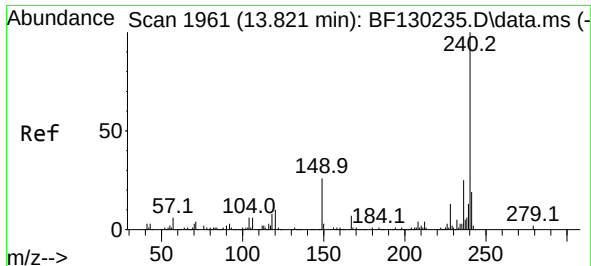
Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 9.1 7.9 11.9

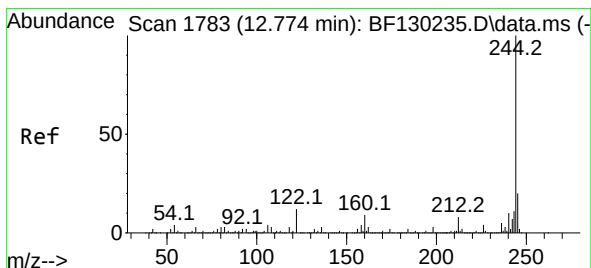
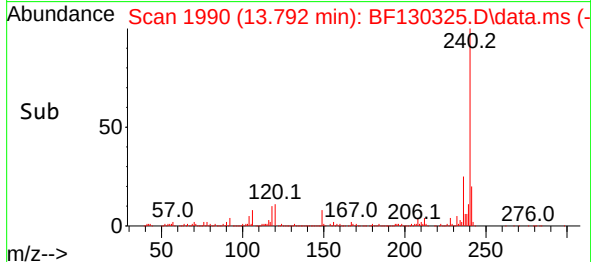
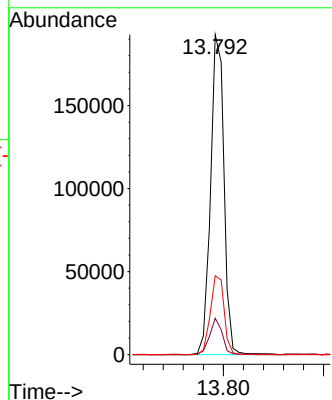
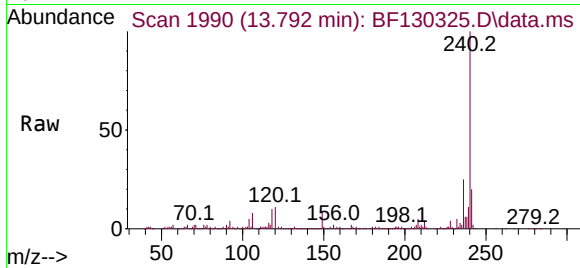




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

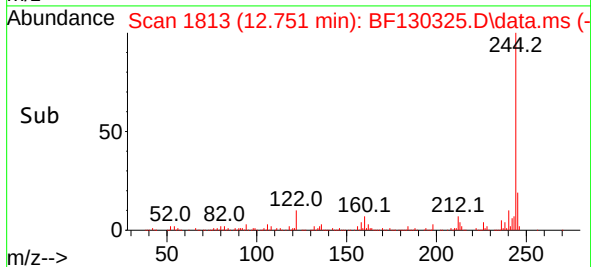
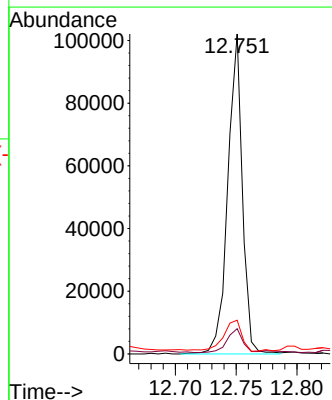
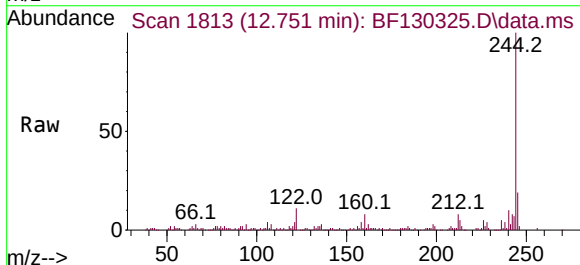
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

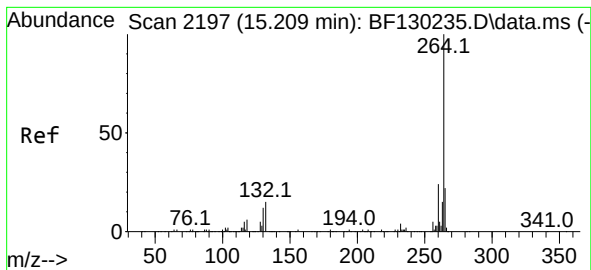
Tgt Ion:240 Resp: 177860
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 24.6 20.9 31.3



#79
Terphenyl-d14
Concen: 7.926 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

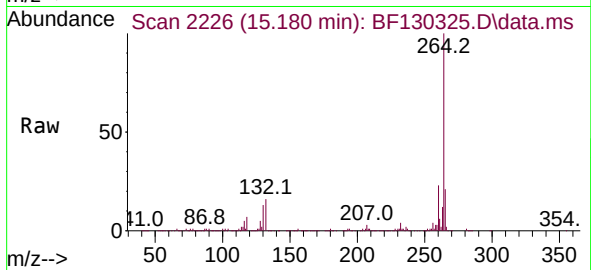
Tgt Ion:244 Resp: 85099
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 10.6 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.180 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130325.D
 Acq: 19 Sep 2022 17:34

Instrument :
 BNA_F
 ClientSampleId :
 N48854-1040DL2



Tgt Ion:264 Resp: 200840
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 21.2 17.0 25.4

