

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126571.D
 Acq On : 10 Jan 2022 17:29
 Operator : JU/CG
 Sample : N1054-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220022-CAPE-4-MODIFIED-ELUTRIATE

Quant Time: Jan 11 01:37:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

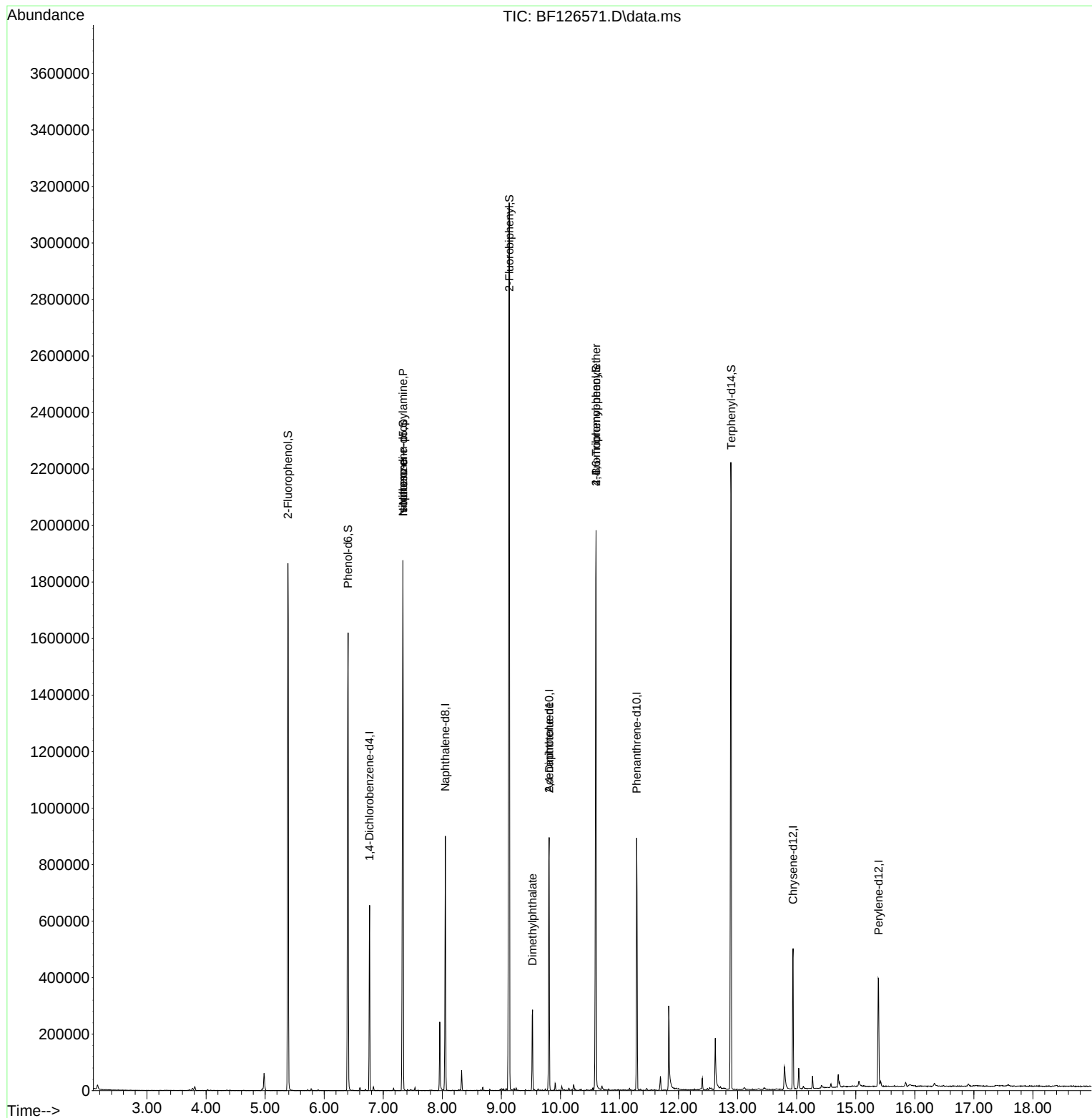
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	92354	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	394728	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	190369	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	305275	20.000	ng	0.00
76) Chrysene-d12	13.939	240	170115	20.000	ng	# 0.00
86) Perylene-d12	15.386	264	165988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	569204	88.509	ng	0.00
7) Phenol-d6	6.404	99	575714	69.117	ng	0.00
23) Nitrobenzene-d5	7.333	82	730196	94.984	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	279617	190.078	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1071531	99.050	ng	0.00
79) Terphenyl-d14	12.892	244	864131	98.695	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.333	70	92773	19.518	ng	# 82
25) Isophorone	7.333	82	729856	53.035	ng	# 69
50) Dimethylphthalate	9.527	163	116034	9.764	ng	99
57) 2,4-Dinitrotoluene	9.810	165	23971	7.239	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	14523	5.360	ng	# 1
77) Benzidine	12.886	184	11276	Below Cal		97

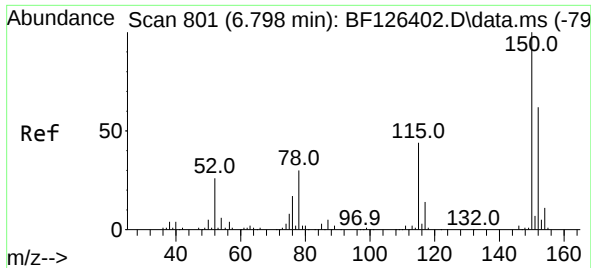
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126571.D
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Operator : JU/CG
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

Quant Time: Jan 11 01:37:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

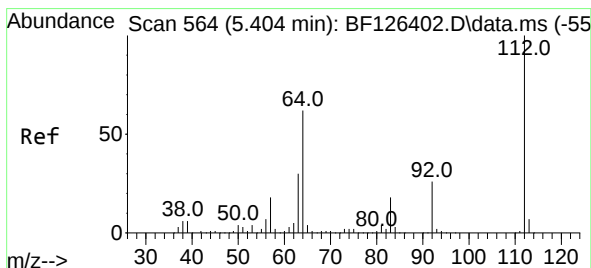
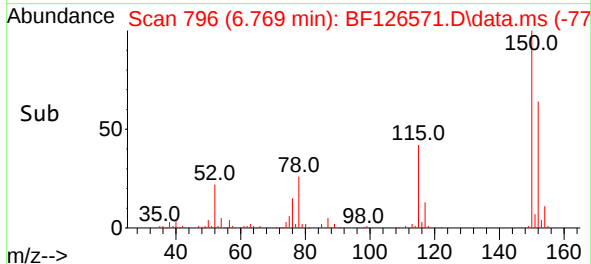
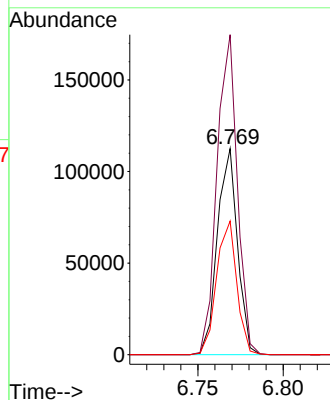
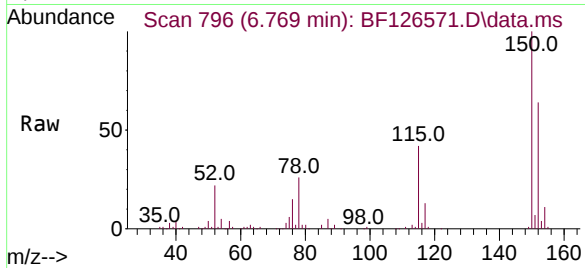




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

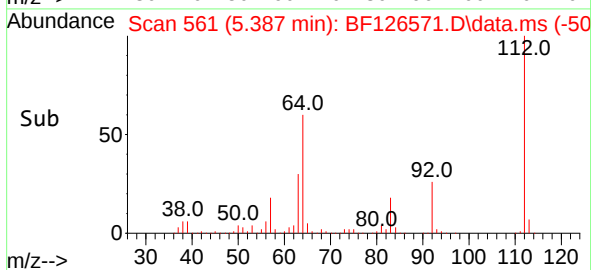
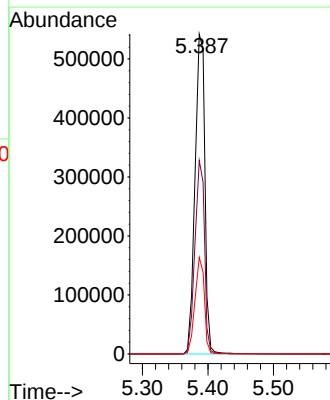
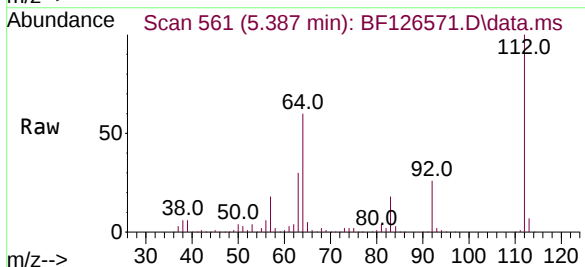
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

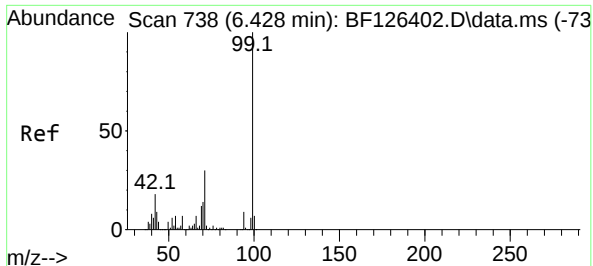
Tgt Ion:152 Resp: 92354
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 64.9 56.7 85.1



#5
2-Fluorophenol
Concen: 88.509 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

Tgt Ion:112 Resp: 569204
Ion Ratio Lower Upper
112 100
64 60.4 49.5 74.3
63 30.2 23.9 35.9

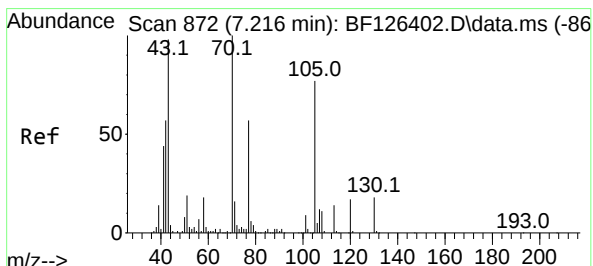
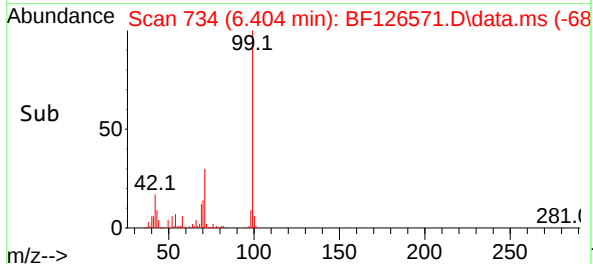
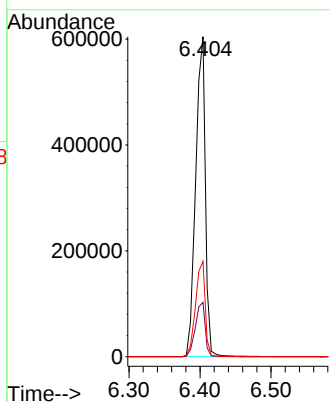
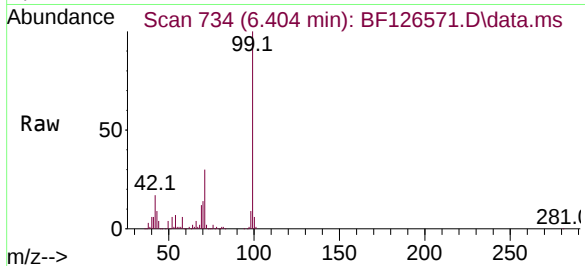




#7
Phenol-d6
Concen: 69.117 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

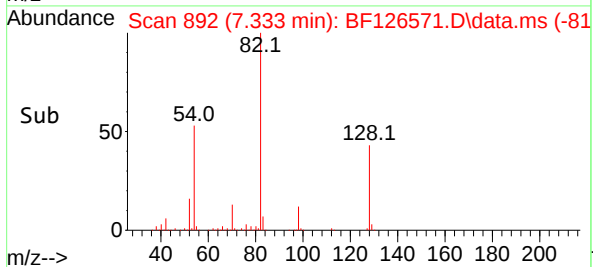
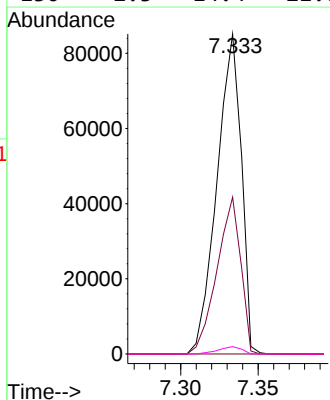
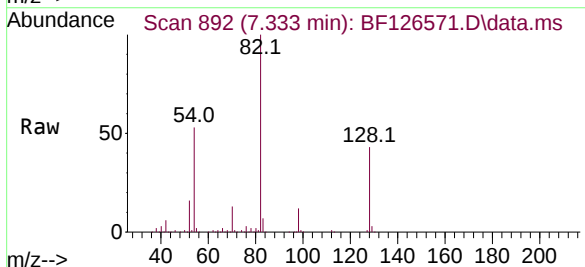
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion: 99 Resp: 575714
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 29.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.518 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

Tgt Ion: 70 Resp: 92773
Ion Ratio Lower Upper
70 100
42 49.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#

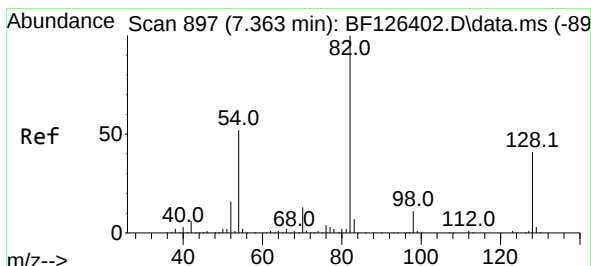
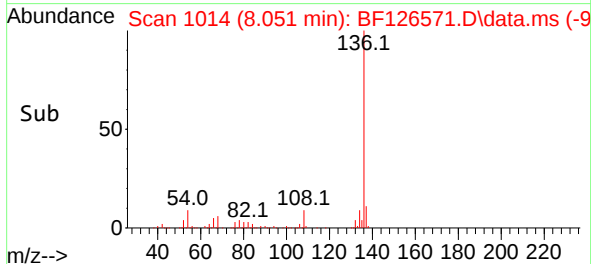
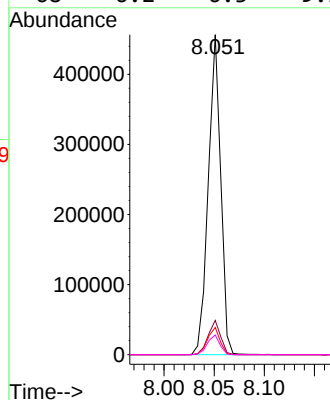
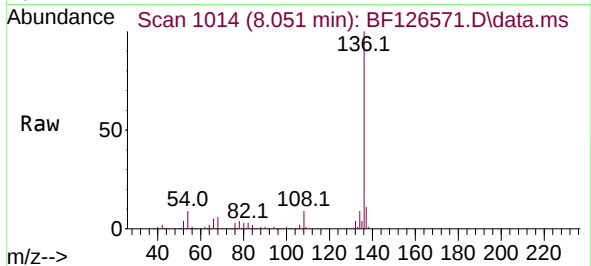




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

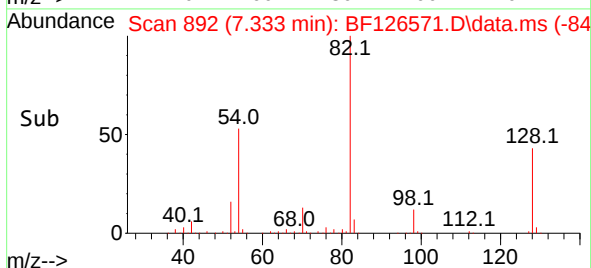
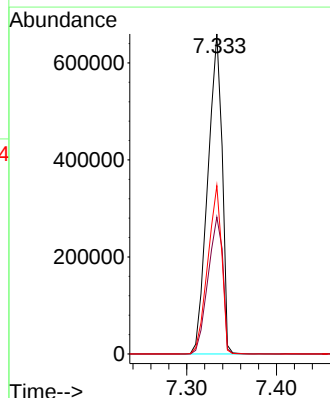
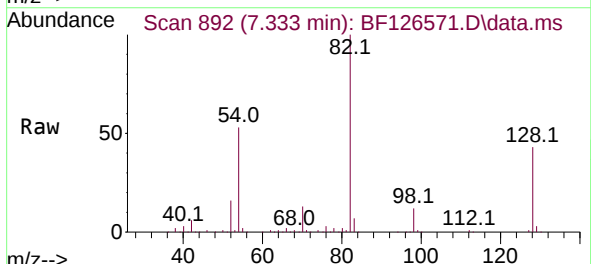
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

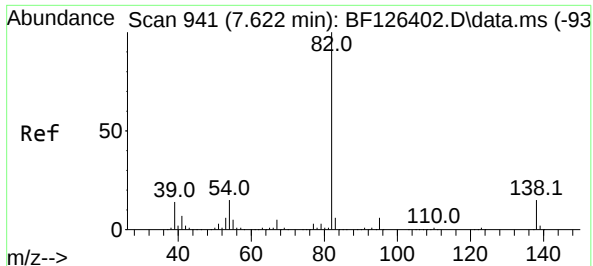
Tgt Ion:136 Resp: 394728
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 94.984 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

Tgt Ion: 82 Resp: 730196
Ion Ratio Lower Upper
82 100
128 42.8 32.7 49.1
54 52.6 41.7 62.5

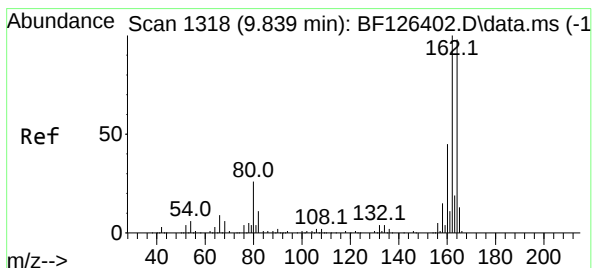
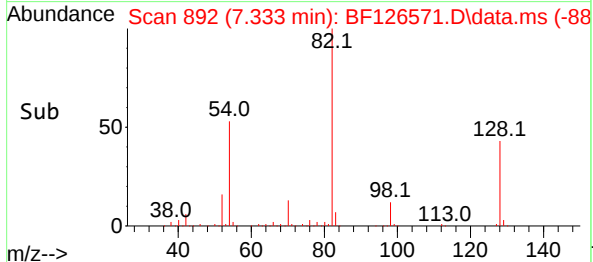
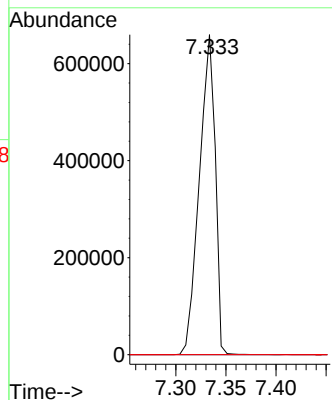
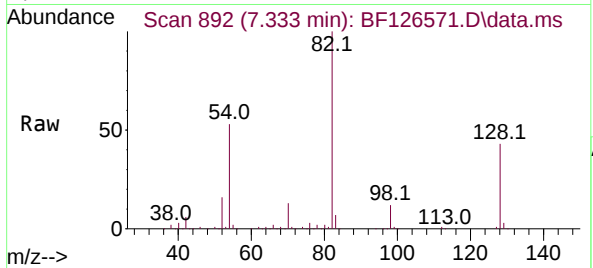




#25
Isophorone
Concen: 53.035 ng
RT: 7.333 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

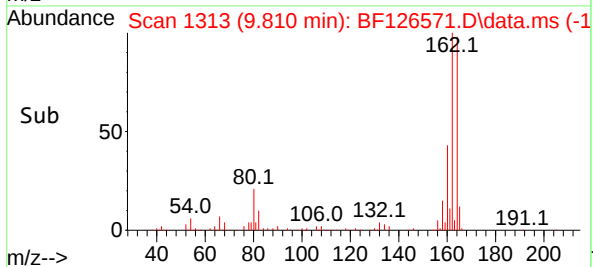
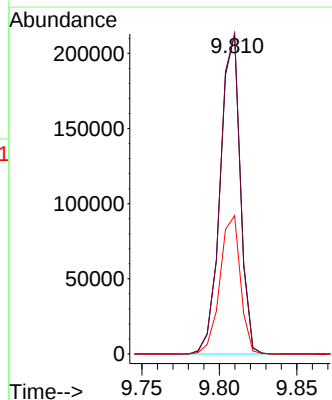
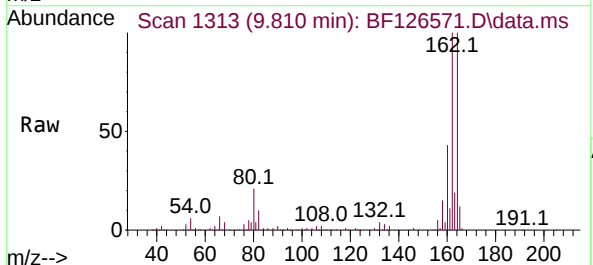
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion: 82 Resp: 729856
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

Tgt Ion: 164 Resp: 190369
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 190.078 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126571.D

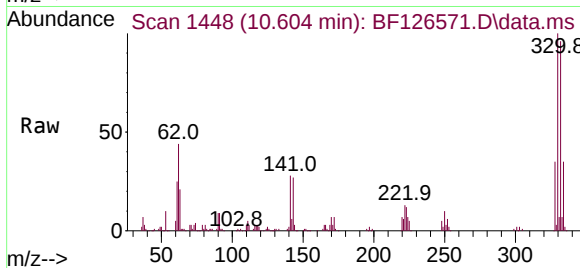
Acq: 10 Jan 2022 17:29

Instrument :

BNA_F

ClientSampleId :

20220022-CAPE-4-MODIFIED-ELUTRIATE



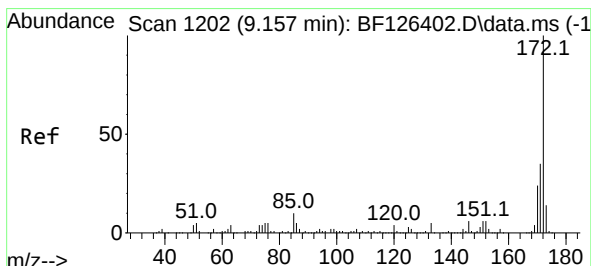
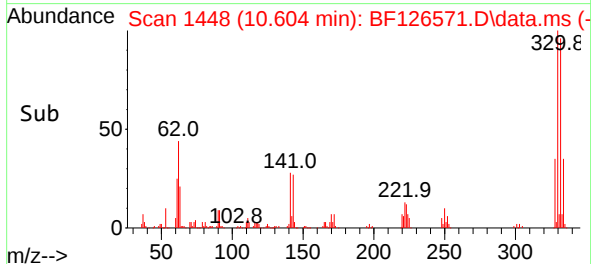
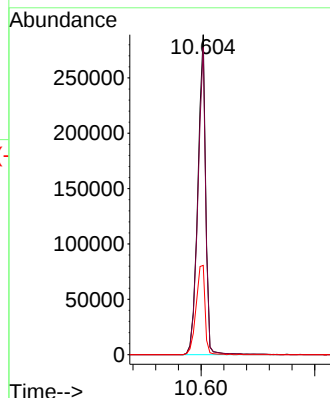
Tgt Ion:330 Resp: 279617

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 31.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 99.050 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126571.D

Acq: 10 Jan 2022 17:29

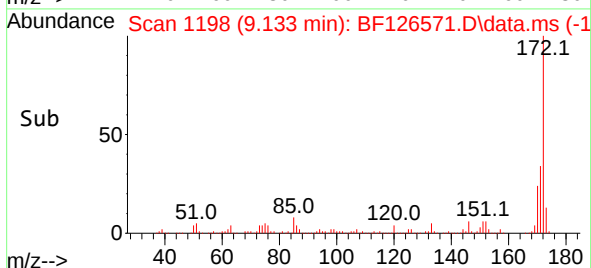
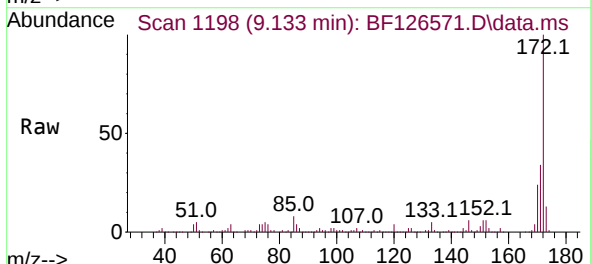
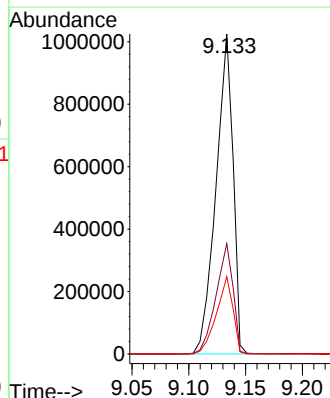
Tgt Ion:172 Resp: 1071531

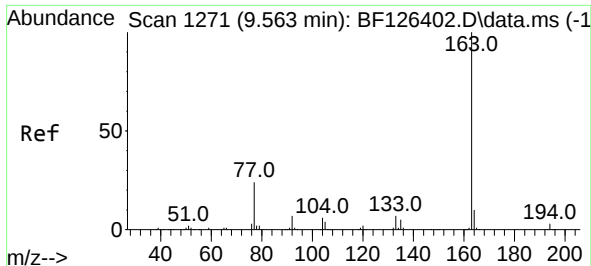
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 24.1 19.0 28.6

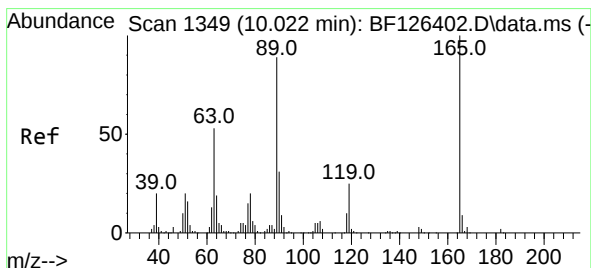
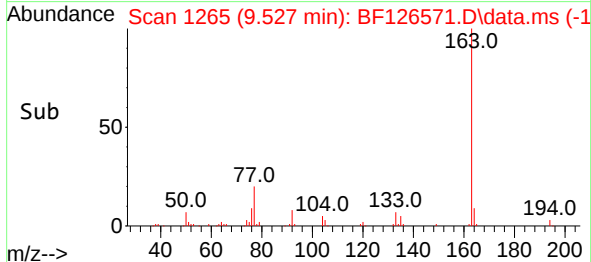
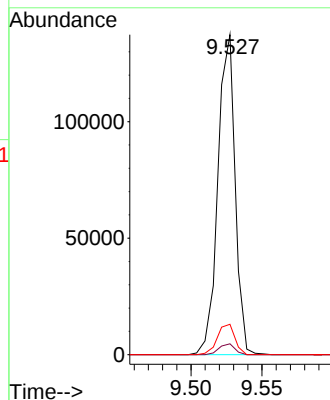
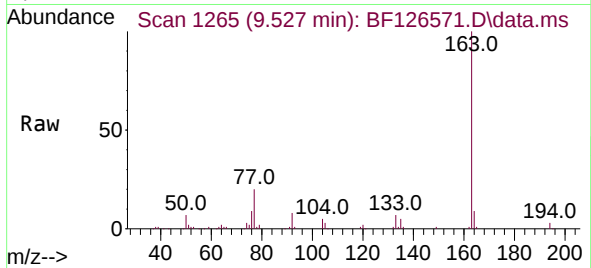




#50
Dimethylphthalate
Concen: 9.764 ng
RT: 9.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

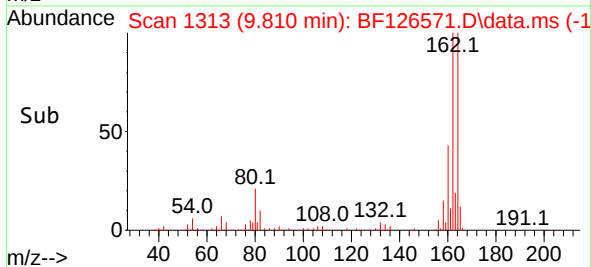
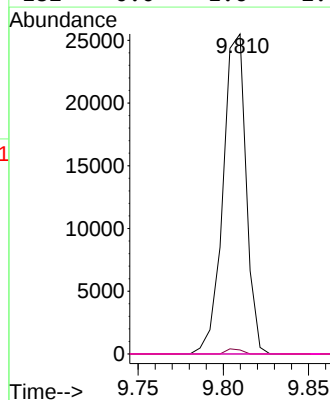
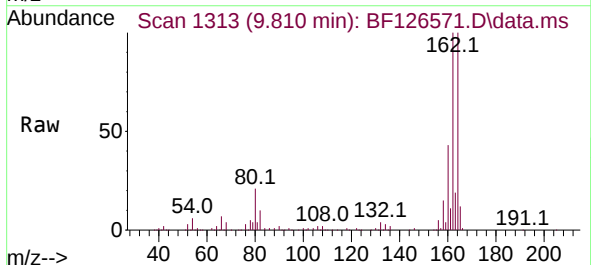
Instrument : BNA_F
ClientSampleId : 20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion:163 Resp: 116034
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.5 7.8 11.8



#57
2,4-Dinitrotoluene
Concen: 7.239 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

Tgt Ion:165 Resp: 23971
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

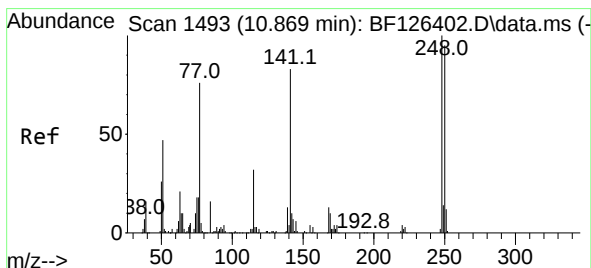
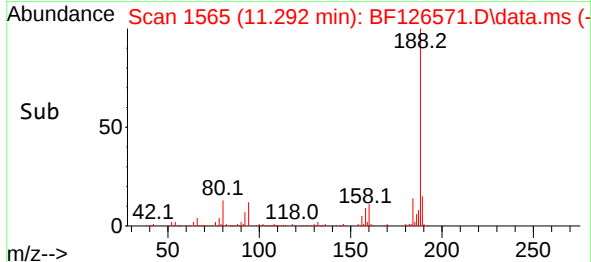
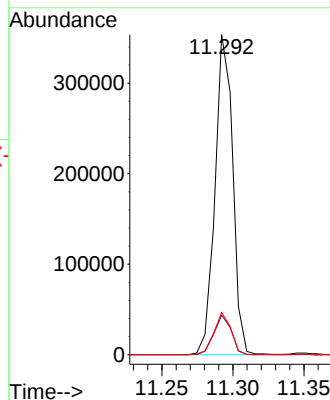
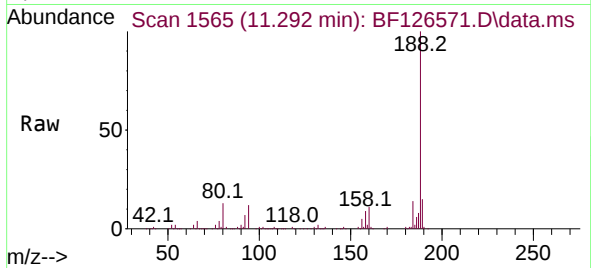




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

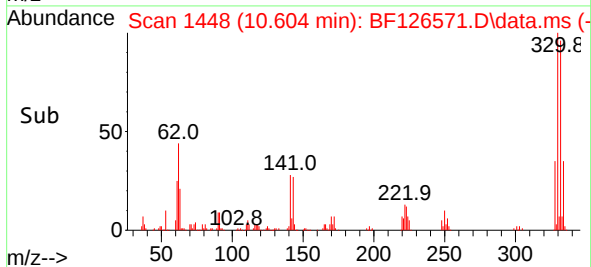
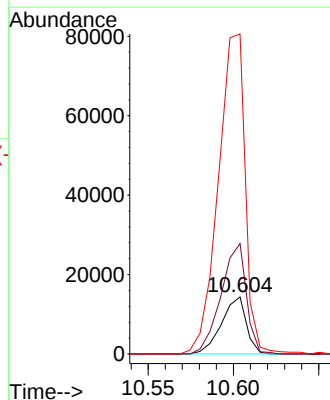
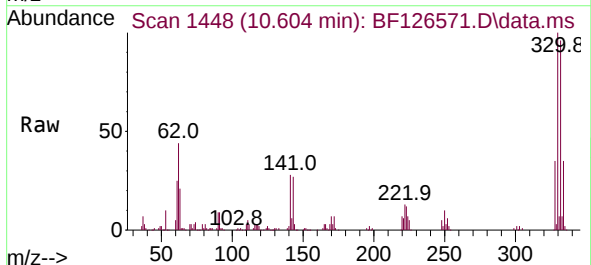
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

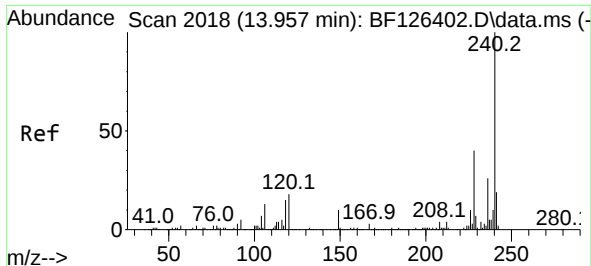
Tgt Ion:188 Resp: 305275
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 13.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 5.360 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.241 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

Tgt Ion:248 Resp: 14523
Ion Ratio Lower Upper
248 100
250 193.8 76.2 114.4#
141 561.3 66.2 99.4#

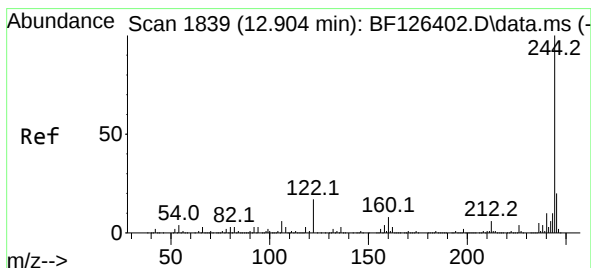
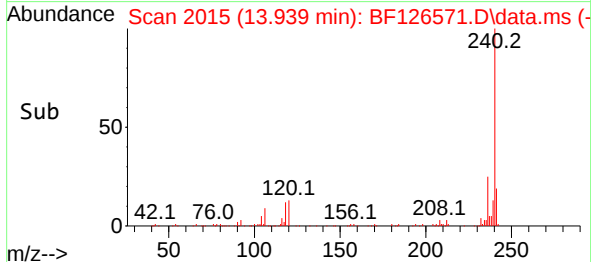
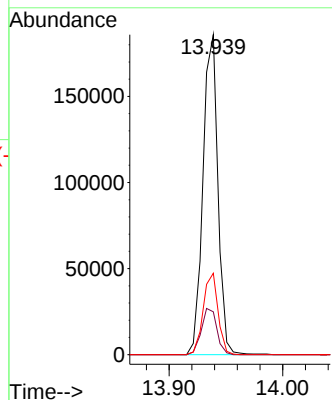
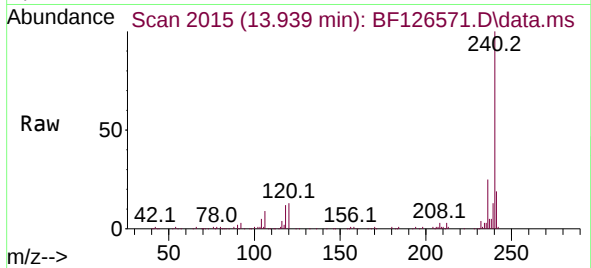




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

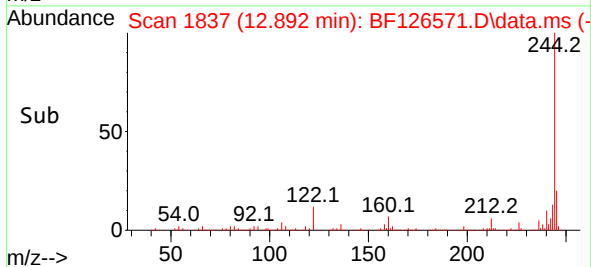
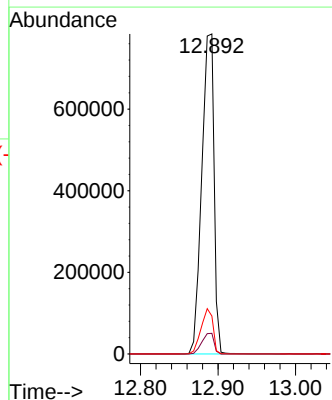
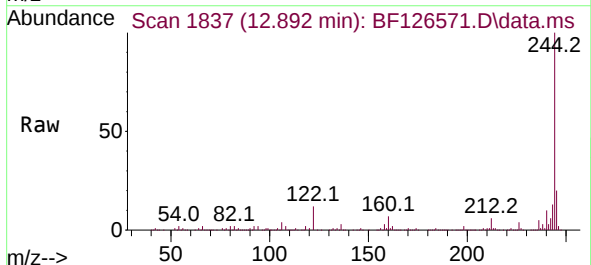
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

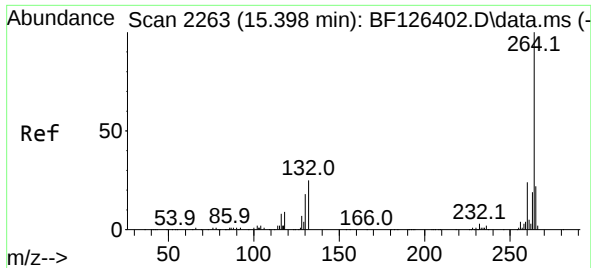
Tgt Ion:240 Resp: 170115
Ion Ratio Lower Upper
240 100
120 13.4 14.4 21.6#
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 98.695 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF126571.D
Acq: 10 Jan 2022 17:29

Tgt Ion:244 Resp: 864131
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 11.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126571.D
 Acq: 10 Jan 2022 17:29

Instrument :
 BNA_F
 ClientSampleId :
 20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 165988
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 19.9 17.4 26.2

