

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130774.D
 Acq On : 25 Oct 2022 17:51
 Operator : CG\JU
 Sample : N5256-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:49:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

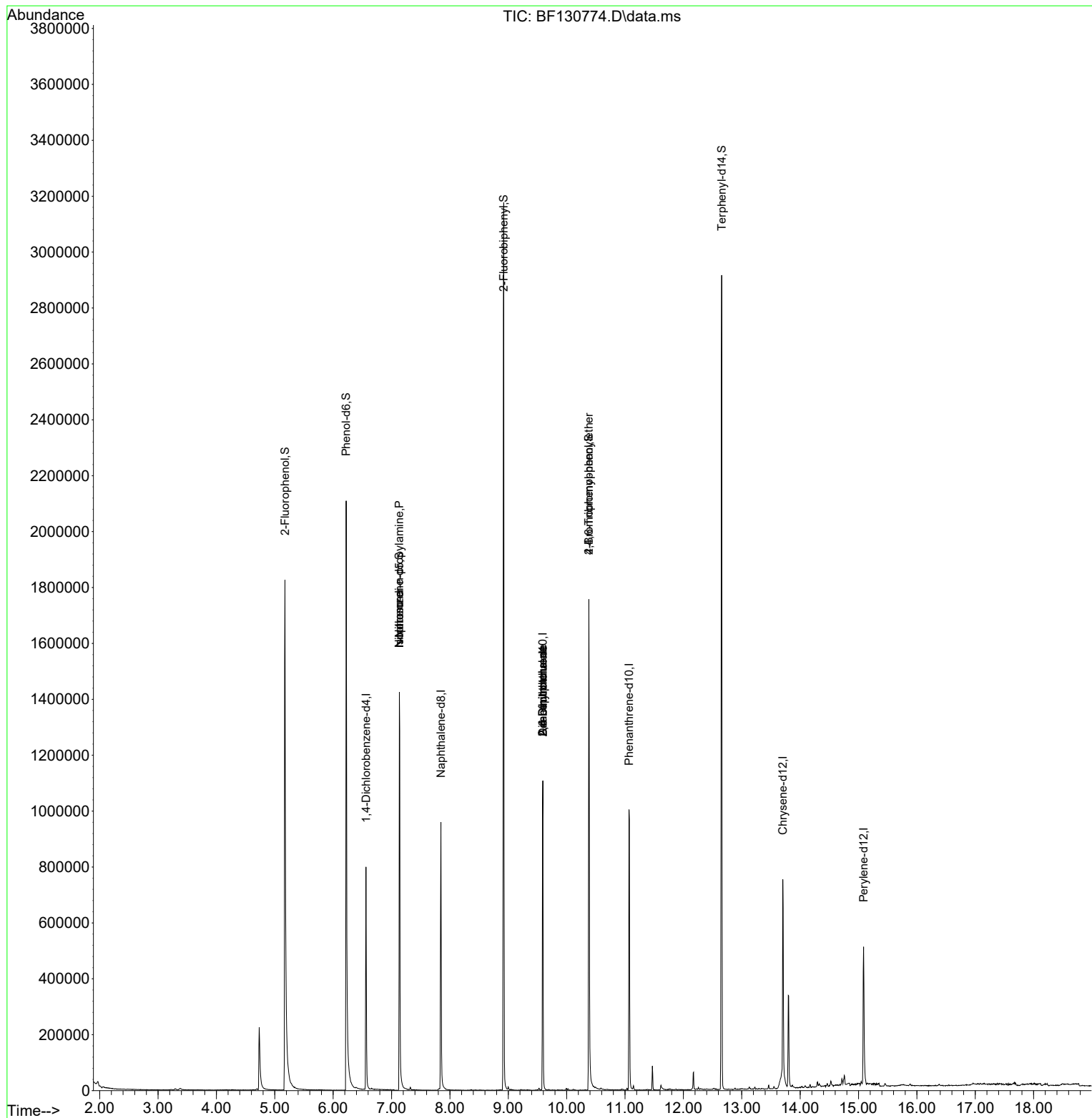
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	116265	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	426619	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	227719	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	394265	20.000	ng	# 0.00
76) Chrysene-d12	13.704	240	247499	20.000	ng	0.00
86) Perylene-d12	15.086	264	213367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	744042	110.354	ng	0.01
7) Phenol-d6	6.222	99	829601	101.696	ng	0.00
23) Nitrobenzene-d5	7.133	82	493725	61.392	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	224111	103.487	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	958894	64.171	ng	0.00
79) Terphenyl-d14	12.657	244	995480	67.781	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.133	70	64292	11.663	ng	# 77
25) Isophorone	7.133	82	493722	37.261	ng	# 65
50) Dimethylphthalate	9.592	163	42434	2.770	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	29827	8.696	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	29827	6.455	ng	# 28
67) 4-Bromophenyl-phenylether	10.380	248	13455	2.837	ng	# 1
77) Benzidine	12.657	184	13235	Below Cal		# 95

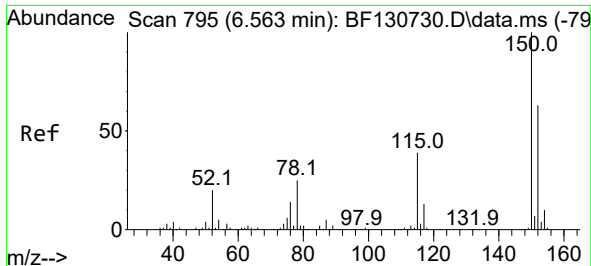
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
Data File : BF130774.D
Acq On : 25 Oct 2022 17:51
Operator : CG\JU
Sample : N5256-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

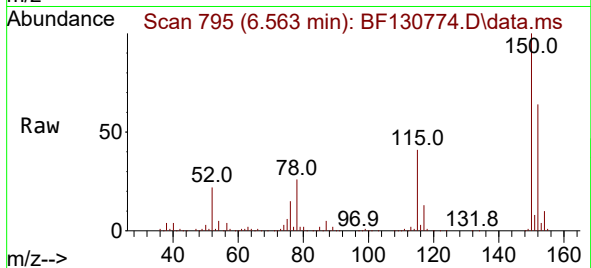
Quant Time: Oct 26 13:49:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration



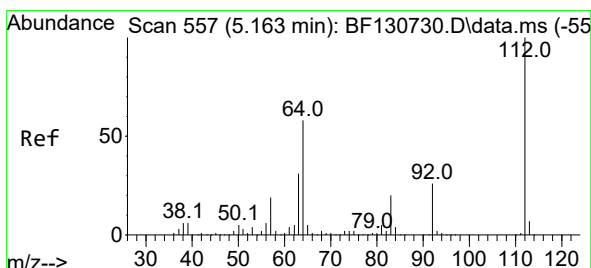
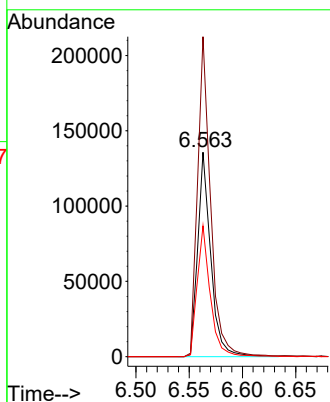
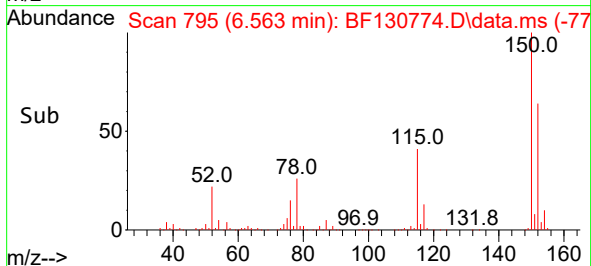


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

Instrument :
BNA_F
ClientSampleId :

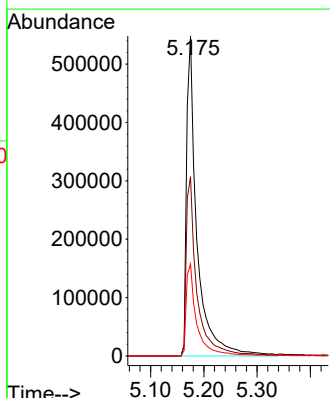
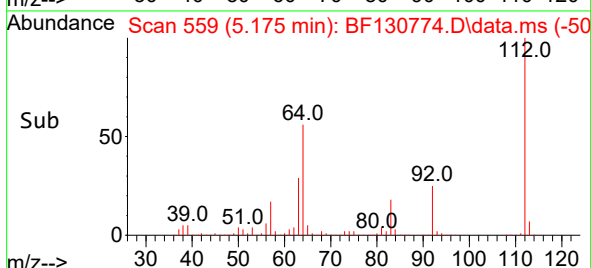
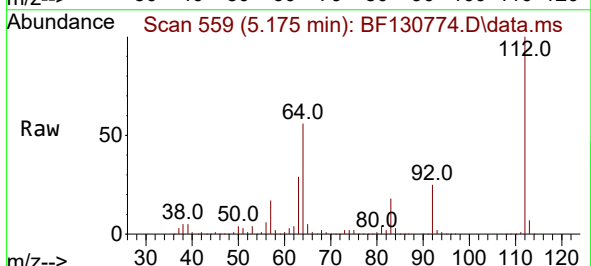


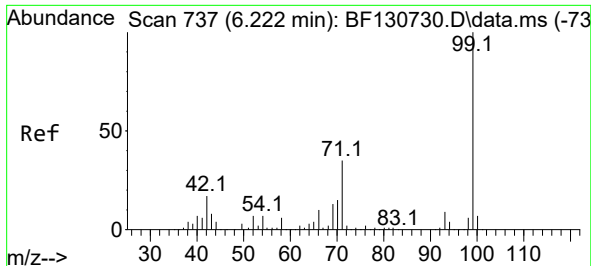
Tgt Ion:152 Resp: 116265
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 110.354 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

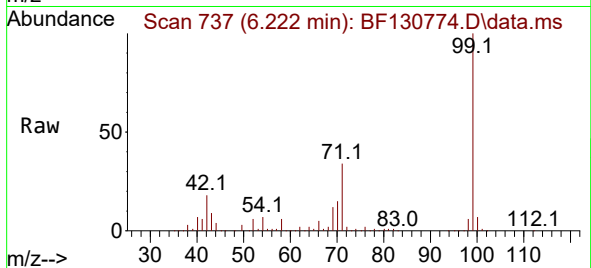
Tgt Ion:112 Resp: 744042
Ion Ratio Lower Upper
112 100
64 56.0 46.2 69.4
63 28.7 25.1 37.7



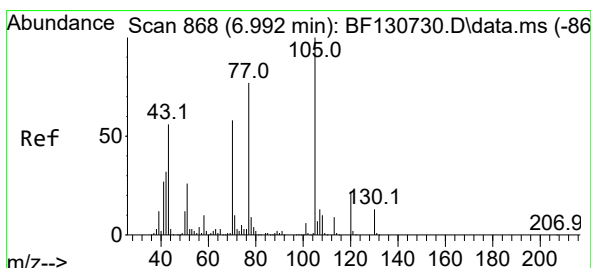
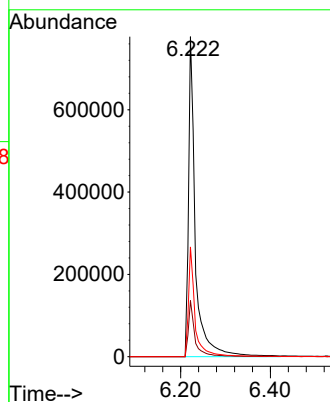
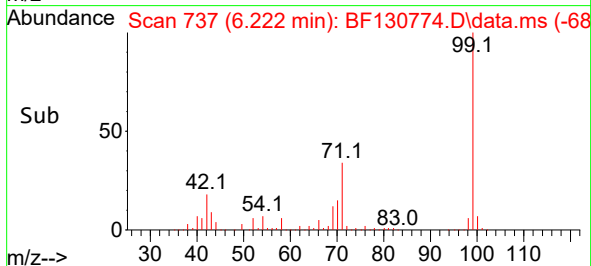


#7
Phenol-d6
Concen: 101.696 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

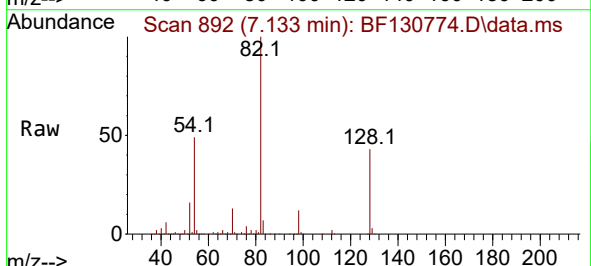
Instrument :
BNA_F
ClientSampleId :



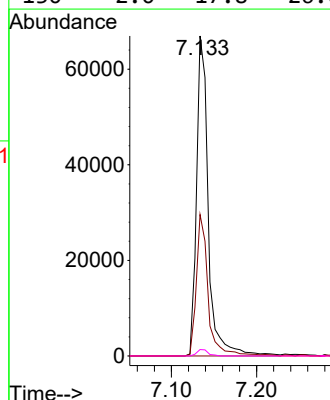
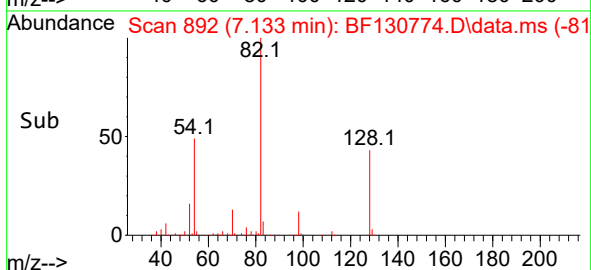
Tgt Ion: 99 Resp: 829601
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 34.3 28.3 42.5

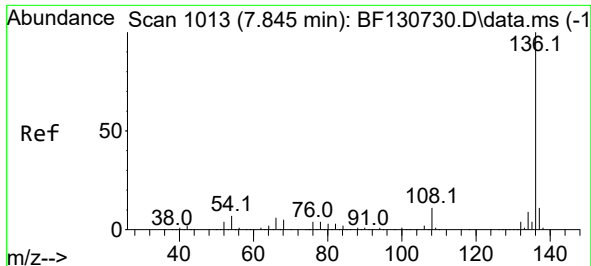


#19
n-Nitroso-di-n-propylamine
Concen: 11.663 ng
RT: 7.133 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51



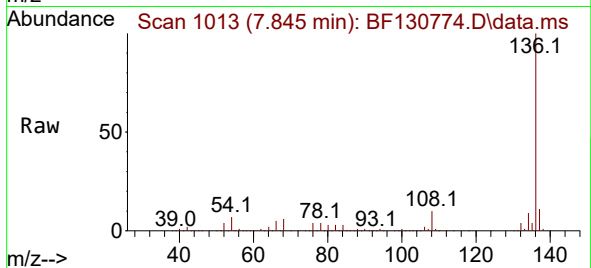
Tgt Ion: 70 Resp: 64292
Ion Ratio Lower Upper
70 100
42 44.2 44.1 66.1
101 0.0 8.3 12.5#
130 2.0 17.8 26.6#



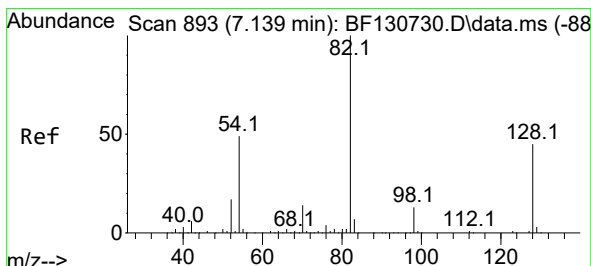
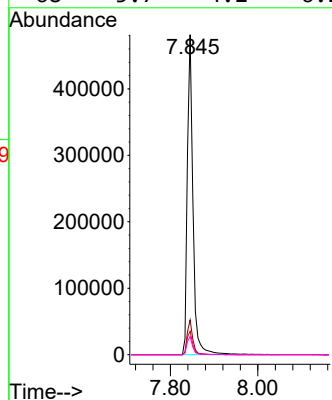
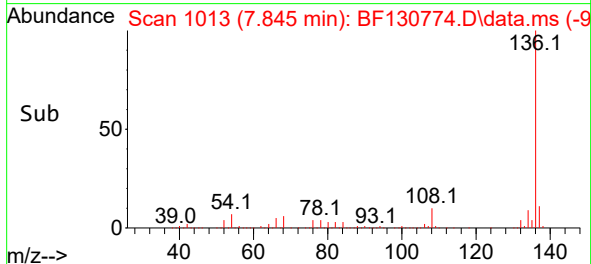


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

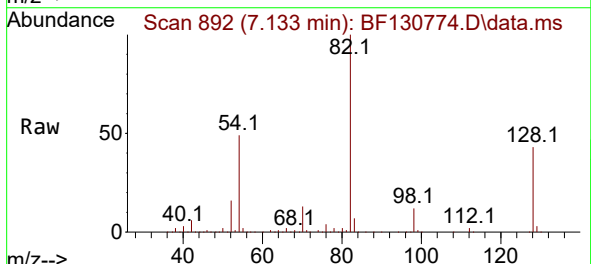
Instrument :
BNA_F
ClientSampleId :



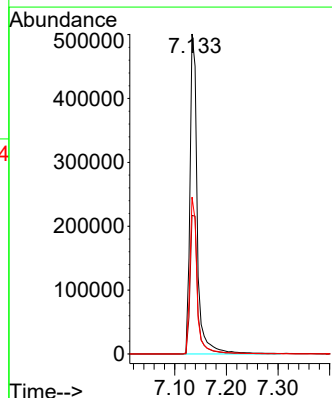
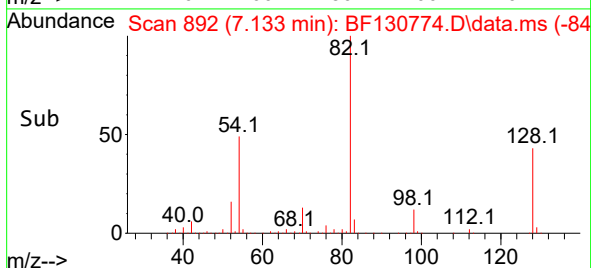
Tgt Ion:136 Resp: 426619
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.4 5.8 8.8
68 5.7 4.2 6.2

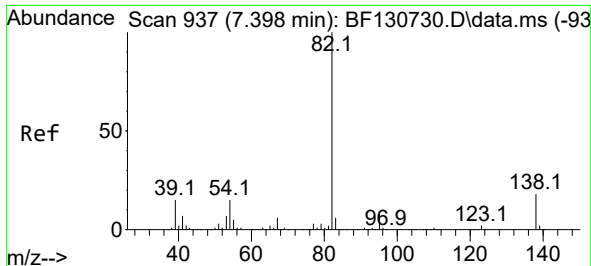


#23
Nitrobenzene-d5
Concen: 61.392 ng
RT: 7.133 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51



Tgt Ion: 82 Resp: 493725
Ion Ratio Lower Upper
82 100
128 43.3 35.9 53.9
54 49.0 39.2 58.8

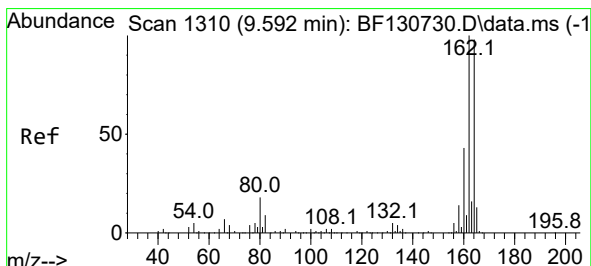
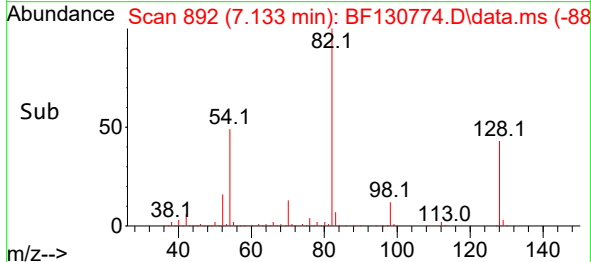
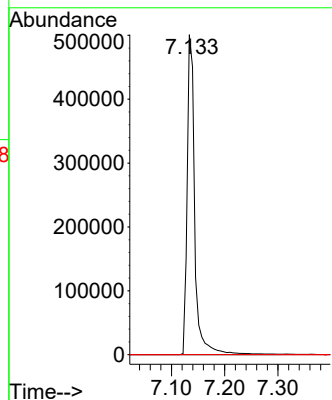
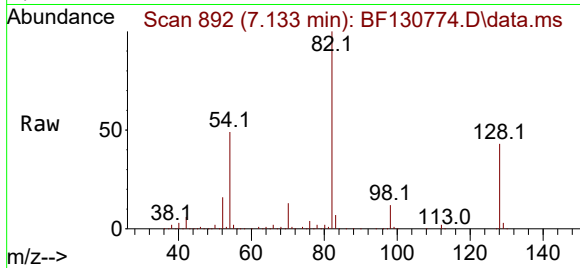




#25
Isophorone
Concen: 37.261 ng
RT: 7.133 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

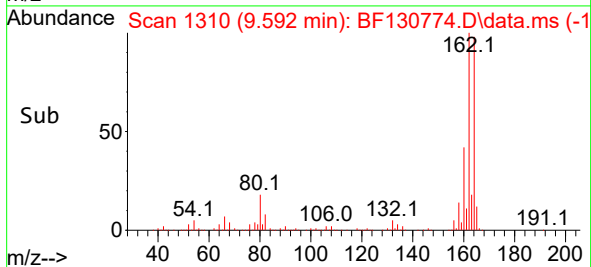
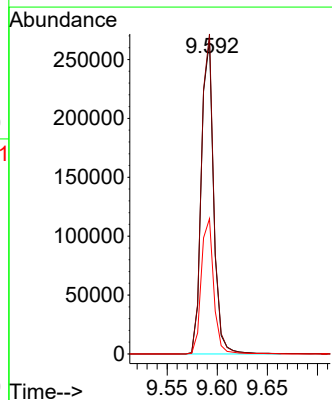
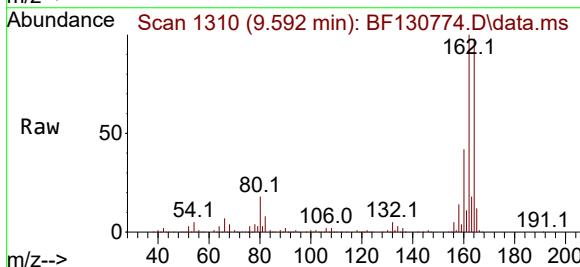
Instrument :
BNA_F
ClientSampleId :

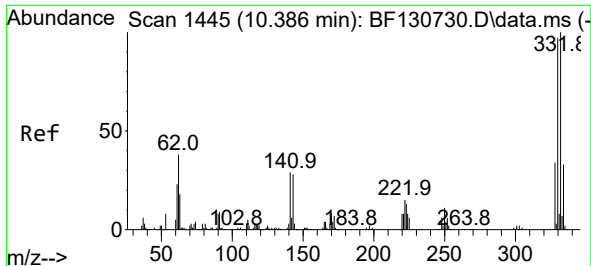
Tgt Ion: 82 Resp: 493722
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

Tgt Ion:164 Resp: 227719
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 43.1 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 103.487 ng

RT: 10.380 min Scan# 1444

Delta R.T. -0.006 min

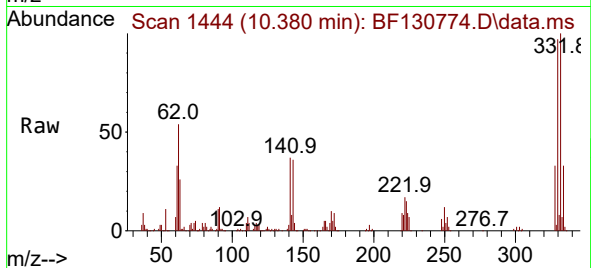
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Acq: 25 Oct 2022 17:51

Instrument :

BNA_F

ClientSampleId :



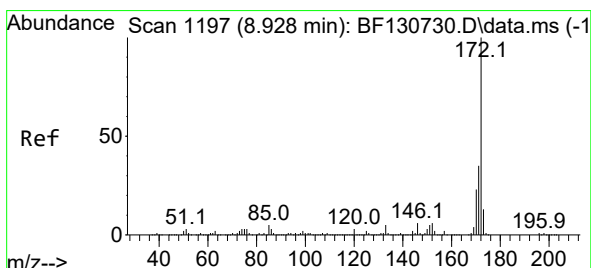
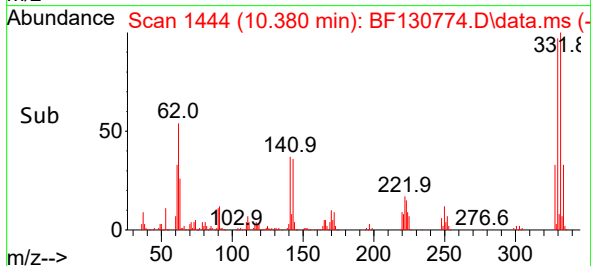
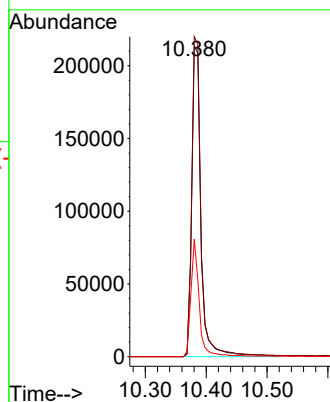
Tgt Ion:330 Resp: 224111

Ion Ratio Lower Upper

330 100

332 103.9 81.4 122.2

141 33.8 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 64.171 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130774.D

Acq: 25 Oct 2022 17:51

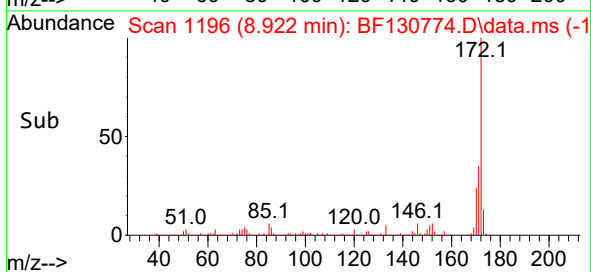
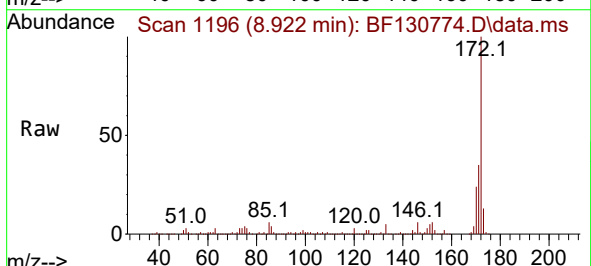
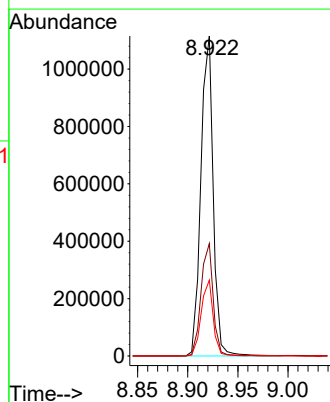
Tgt Ion:172 Resp: 958894

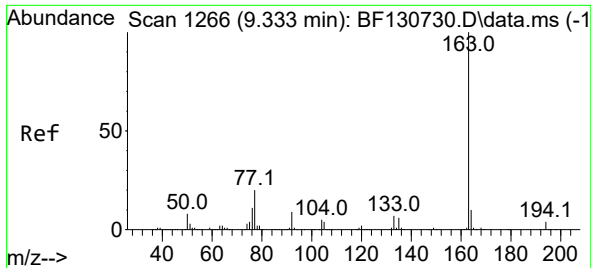
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.7 18.5 27.7

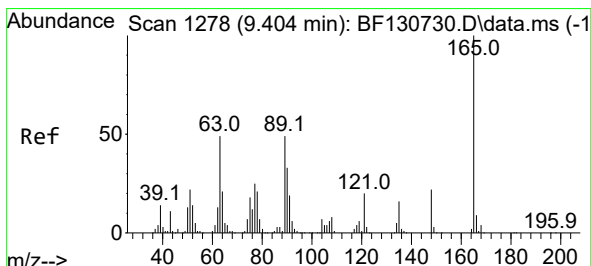
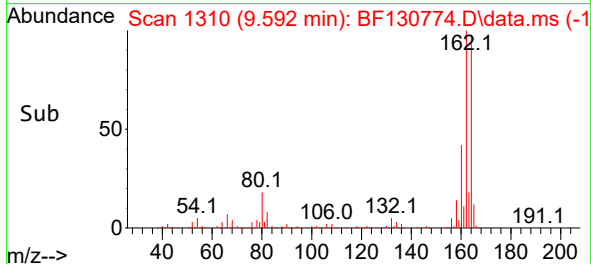
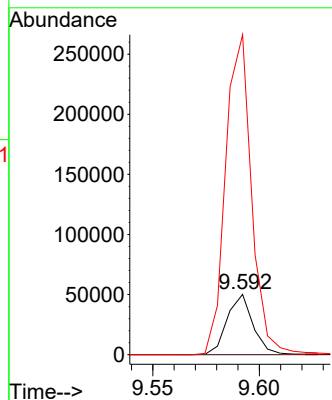
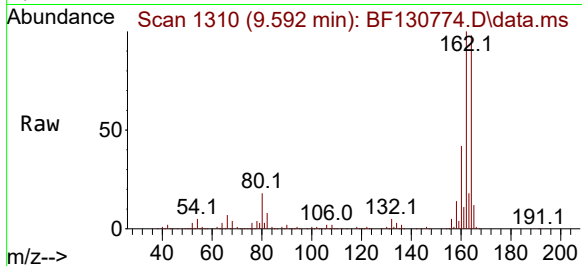




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

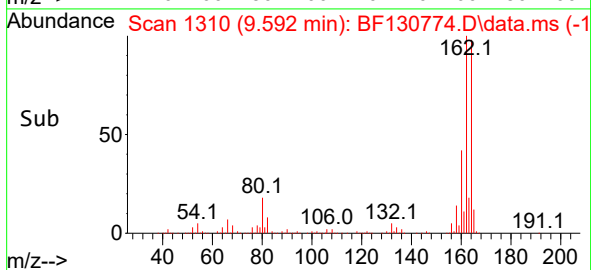
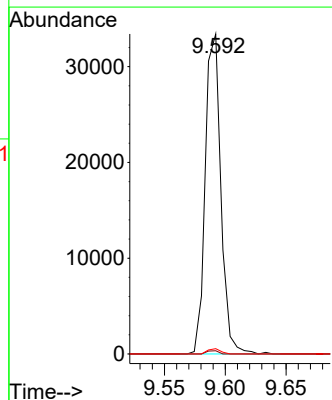
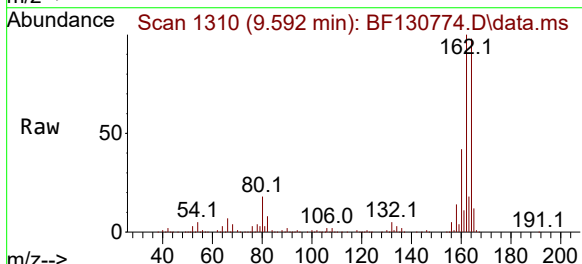
Instrument :
BNA_F
ClientSampleId :

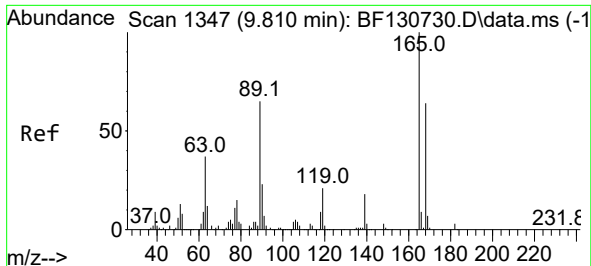
Tgt Ion:163 Resp: 42434
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 530.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.696 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

Tgt Ion:165 Resp: 29827
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 1.6 39.4 59.2#





#57

2,4-Dinitrotoluene

Concen: 6.455 ng

RT: 9.592 min Scan# 1

Delta R.T. -0.218 min

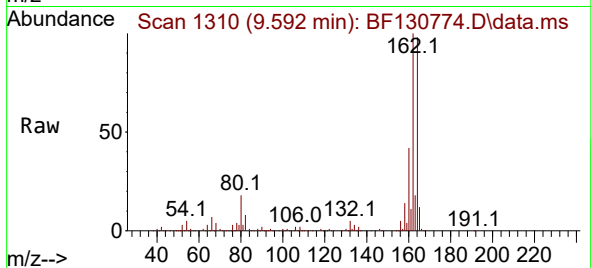
Lab File: BF130774.D

Acq: 25 Oct 2022 17:51

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 29827

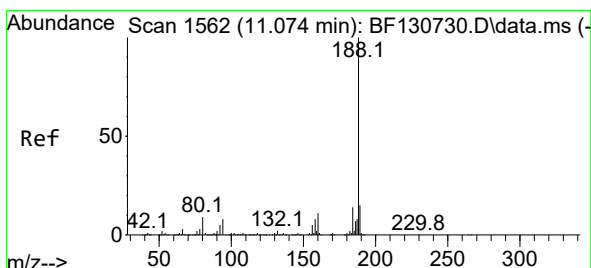
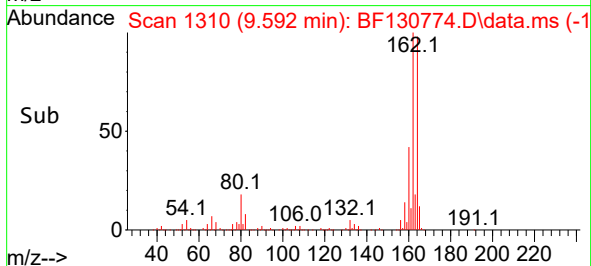
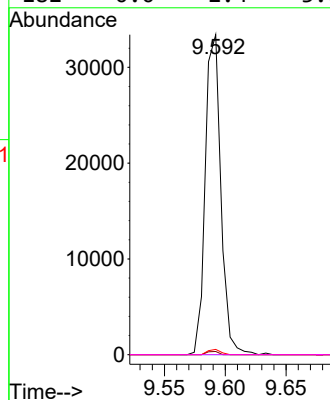
Ion Ratio Lower Upper

165 100

63 1.0 32.6 49.0#

89 1.6 51.9 77.9#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.069 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF130774.D

Acq: 25 Oct 2022 17:51

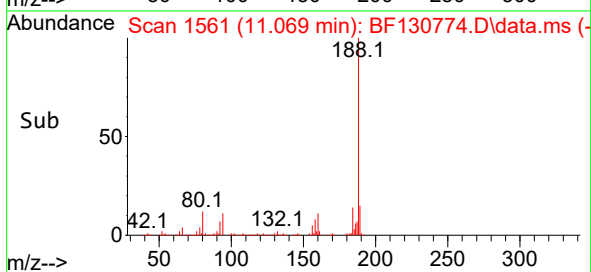
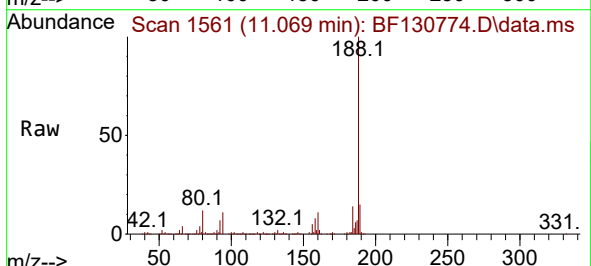
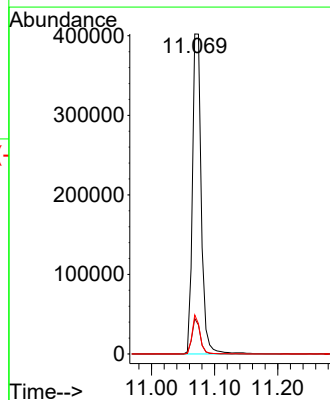
Tgt Ion:188 Resp: 394265

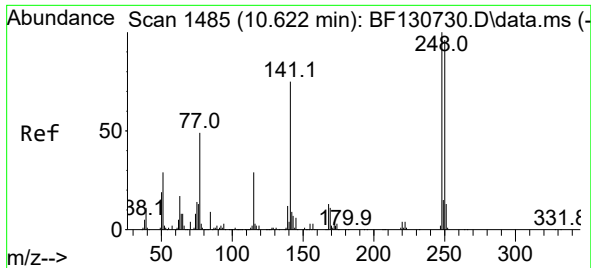
Ion Ratio Lower Upper

188 100

94 11.1 6.7 10.1#

80 12.2 7.4 11.0#

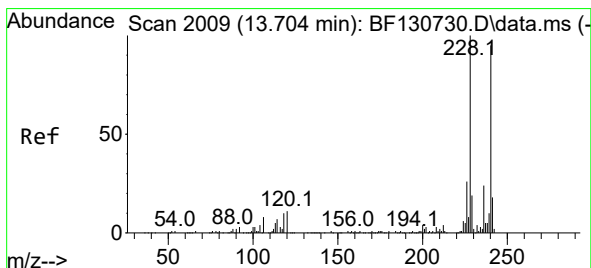
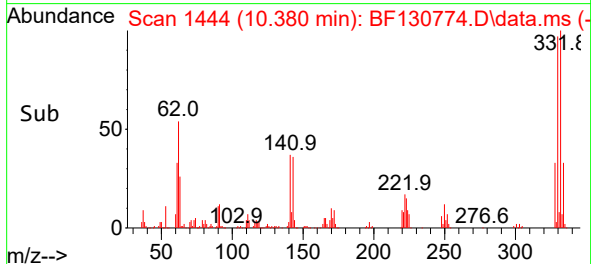
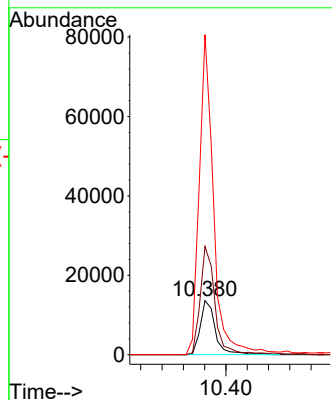
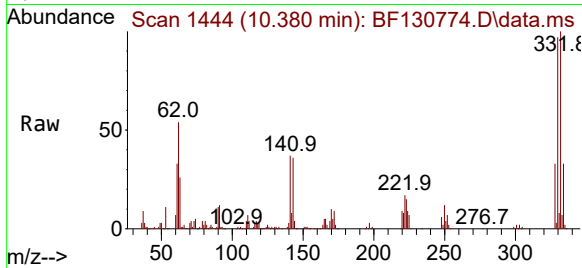




#67
4-Bromophenyl-phenylether
Concen: 2.837 ng
RT: 10.380 min Scan# 1485
Delta R.T. -0.241 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

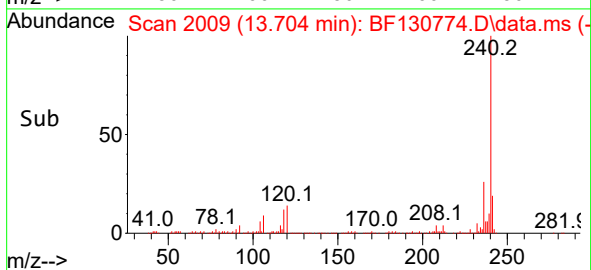
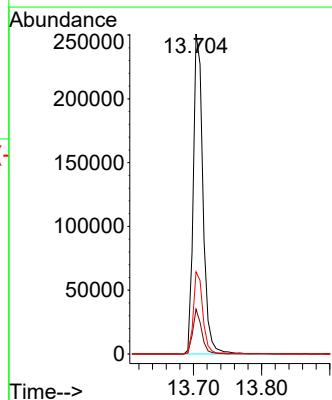
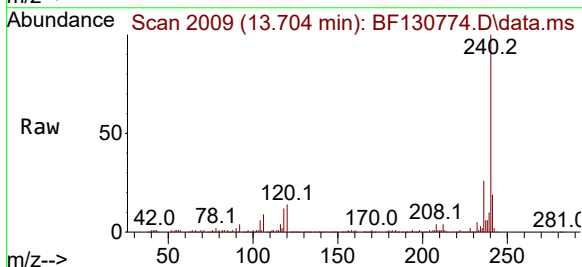
Instrument :
BNA_F
ClientSampleId :

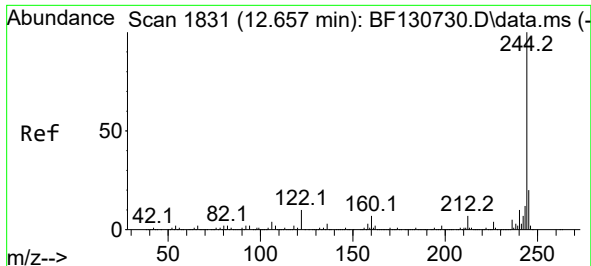
Tgt Ion:248 Resp: 13455
Ion Ratio Lower Upper
248 100
250 200.0 77.0 115.6#
141 591.5 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130774.D
Acq: 25 Oct 2022 17:51

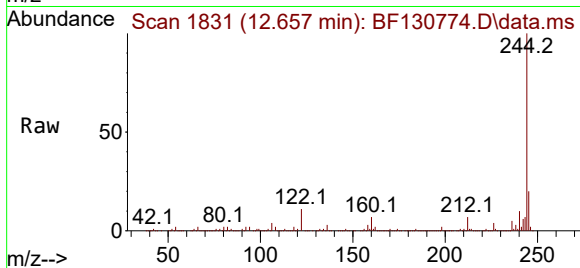
Tgt Ion:240 Resp: 247499
Ion Ratio Lower Upper
240 100
120 14.0 9.6 14.4
236 25.6 20.2 30.2



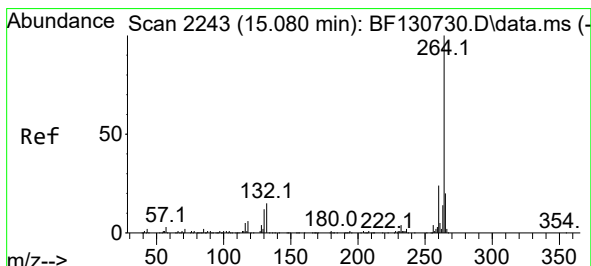
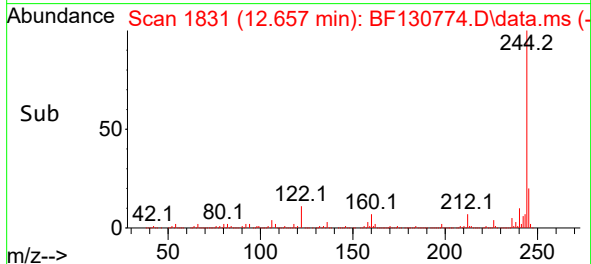
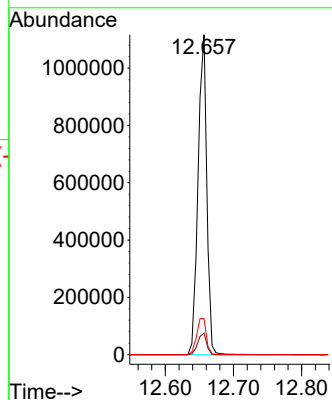


#79
 Terphenyl-d14
 Concen: 67.781 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130774.D
 Acq: 25 Oct 2022 17:51

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 995480
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.3 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. 0.006 min
 Lab File: BF130774.D
 Acq: 25 Oct 2022 17:51

Tgt Ion:264 Resp: 213367
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.7 16.2 24.4

