

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130571.D
 Acq On : 07 Oct 2022 11:47
 Operator : CG\JU
 Sample : N5002-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5486-3DL

Quant Time: Oct 10 01:42:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

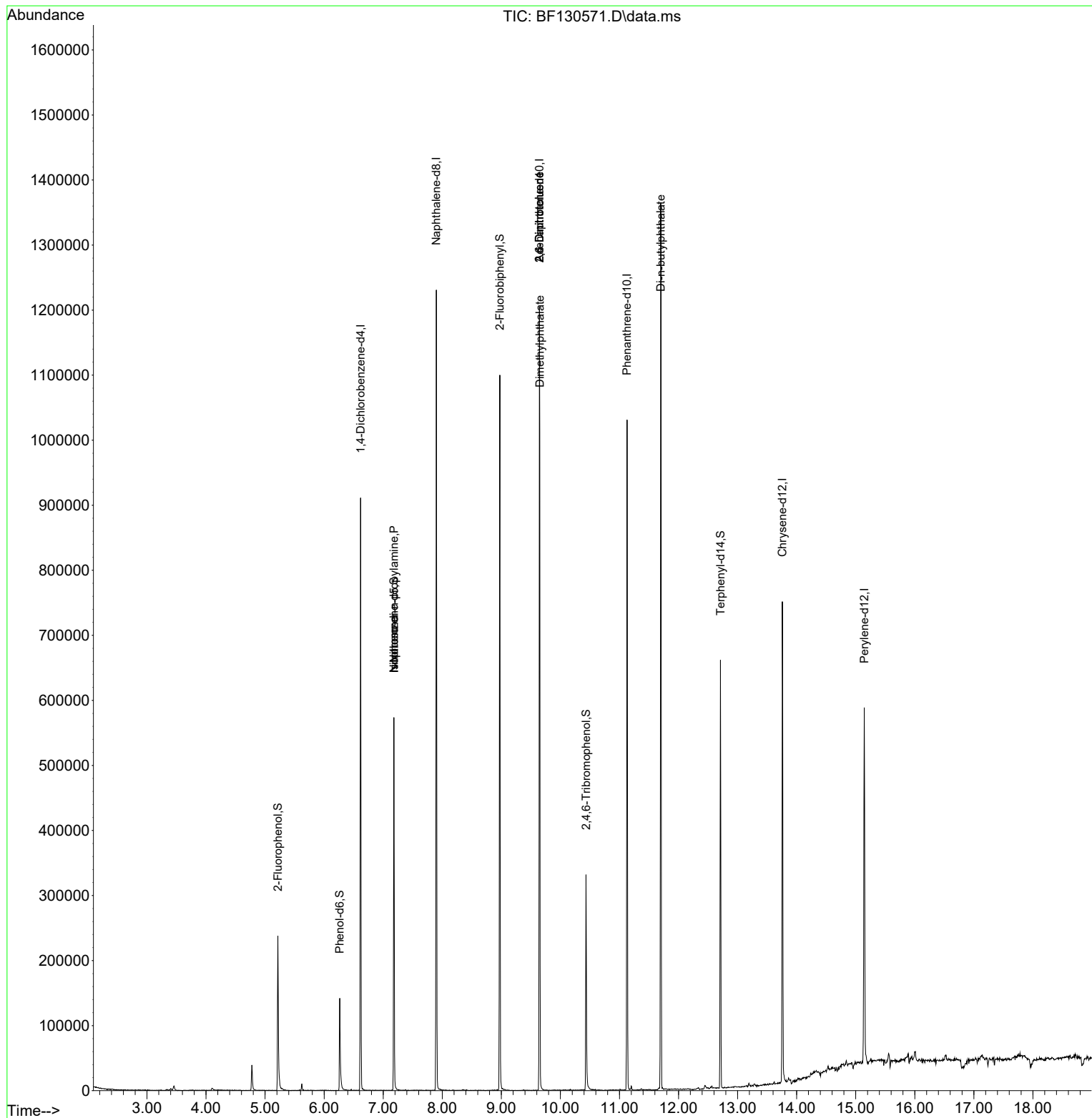
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	120716	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	489927	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	240754	20.000	ng	0.00
64) Phenanthrene-d10	11.128	188	327436	20.000	ng	0.00
76) Chrysene-d12	13.757	240	233700	20.000	ng	0.00
86) Perylene-d12	15.145	264	230565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	74458	10.698	ng	0.00
7) Phenol-d6	6.263	99	58083	6.670	ng	0.00
23) Nitrobenzene-d5	7.181	82	160636	16.751	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	37371	16.200	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	301305	18.224	ng	0.00
79) Terphenyl-d14	12.710	244	201992	14.317	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.181	70	20931	3.562	ng	# 75
25) Isophorone	7.181	82	160634	10.393	ng	# 66
50) Dimethylphthalate	9.651	163	44793	2.693	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	30538	8.780	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	30538	6.870	ng	# 16
74) Di-n-butylphthalate	11.698	149	691250	35.803	ng	99

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

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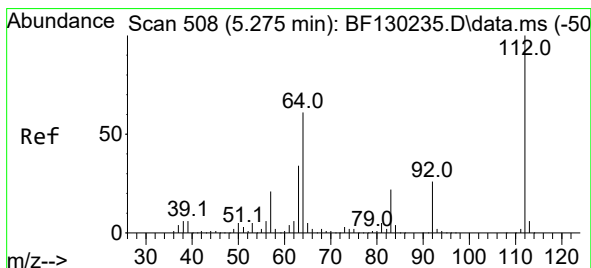
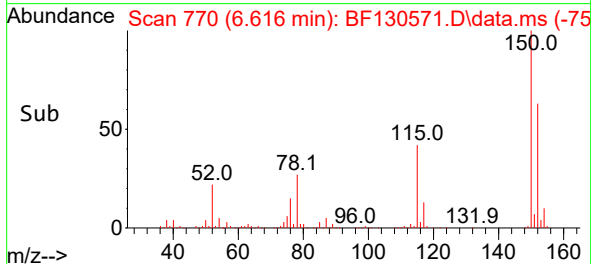
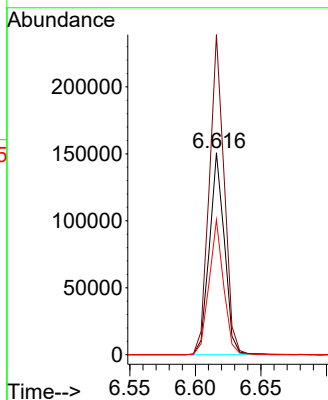
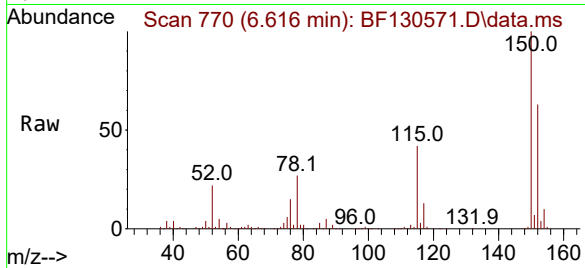




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

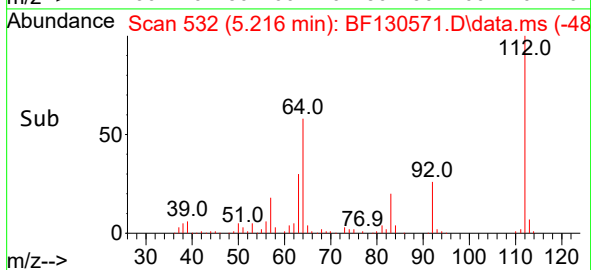
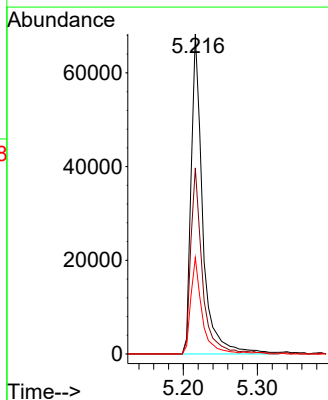
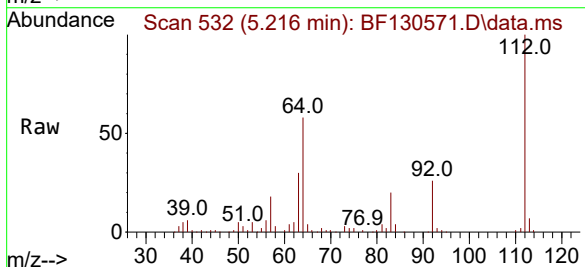
Instrument :
BNA_F
ClientSampleId :
5486-3DL

Tgt Ion:152 Resp: 120716
Ion Ratio Lower Upper
152 100
150 158.4 122.8 184.2
115 66.7 53.8 80.8



#5
2-Fluorophenol
Concen: 10.698 ng
RT: 5.216 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

Tgt Ion:112 Resp: 74458
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.0
63 30.1 28.8 43.2

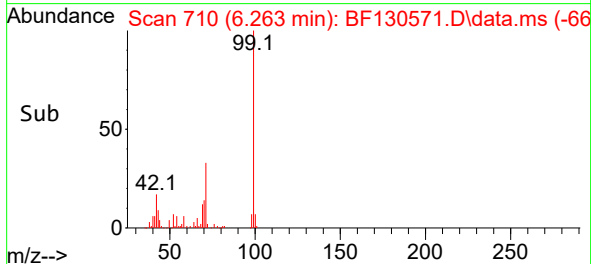
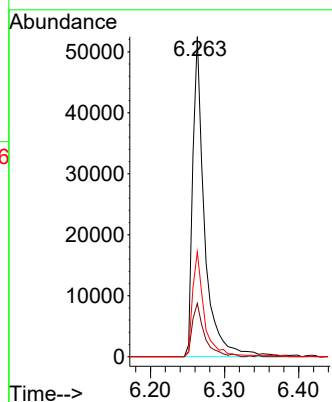
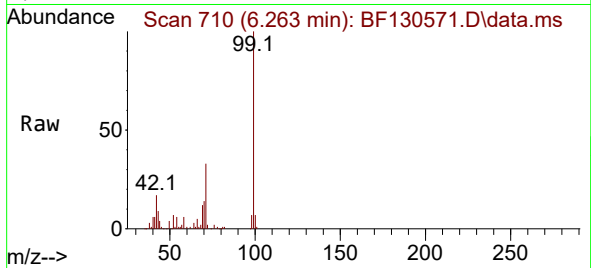




#7
Phenol-d6
Concen: 6.670 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

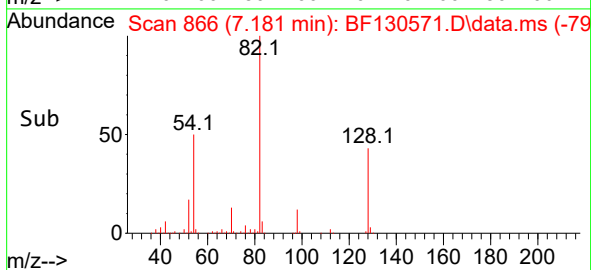
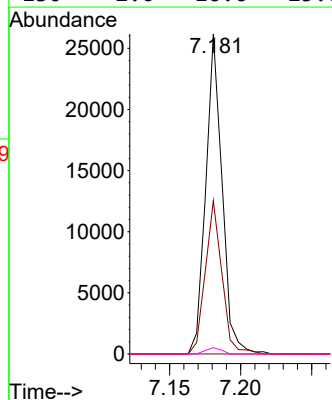
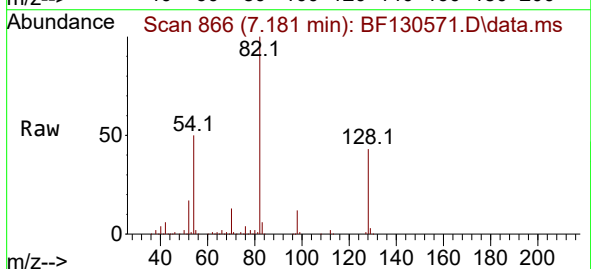
Instrument :
BNA_F
ClientSampleId :
5486-3DL

Tgt Ion: 99 Resp: 58083
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6#
71 32.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.562 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

Tgt Ion: 70 Resp: 20931
Ion Ratio Lower Upper
70 100
42 47.9 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

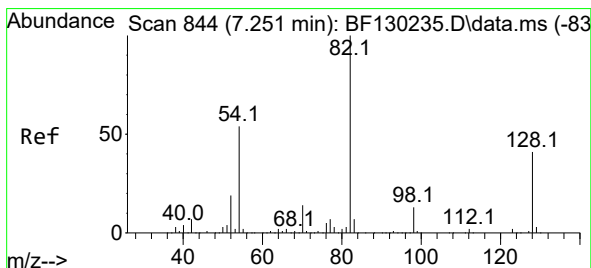
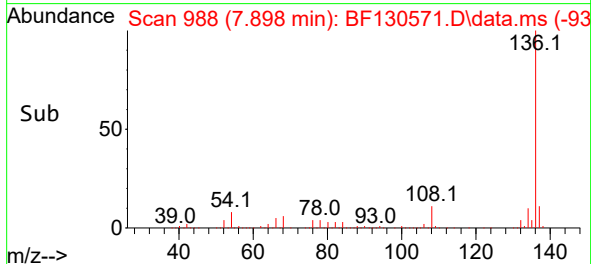
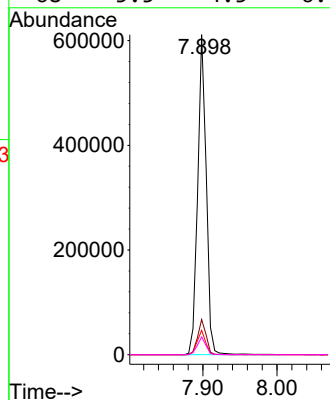
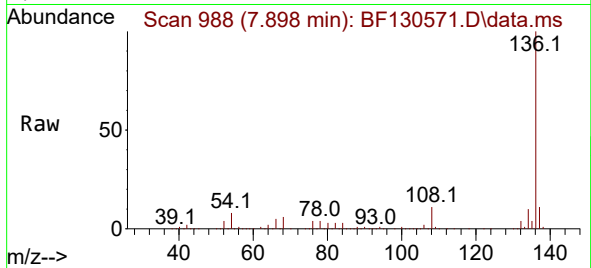




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

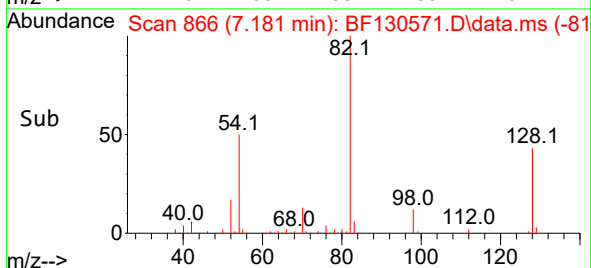
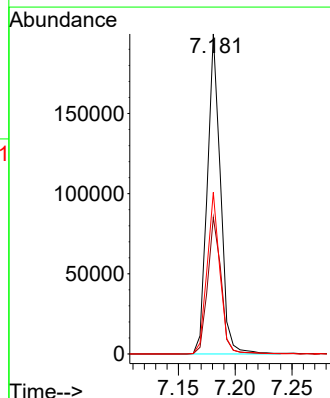
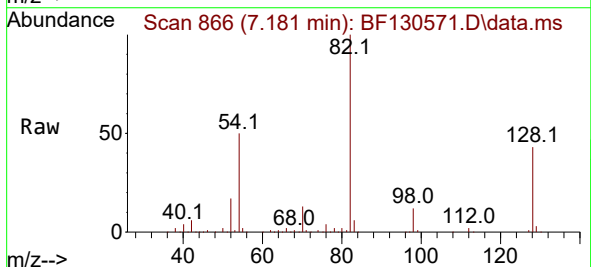
Instrument :
BNA_F
ClientSampleId :
5486-3DL

Tgt Ion:136 Resp: 489927
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.6 7.1 10.7
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 16.751 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

Tgt Ion: 82 Resp: 160636
Ion Ratio Lower Upper
82 100
128 42.7 32.6 49.0
54 50.5 43.8 65.6

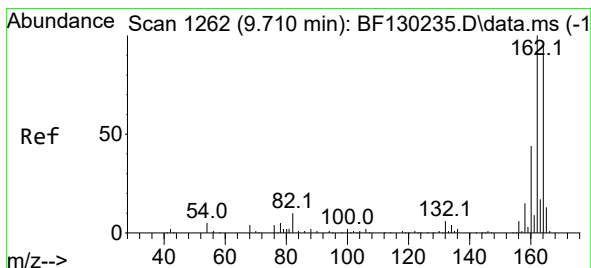
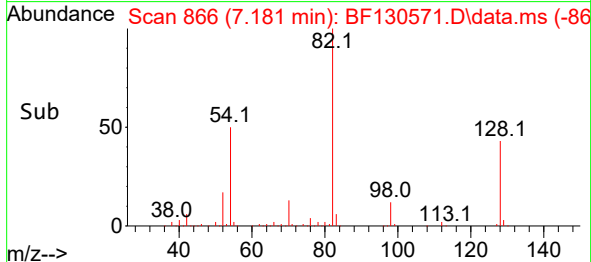
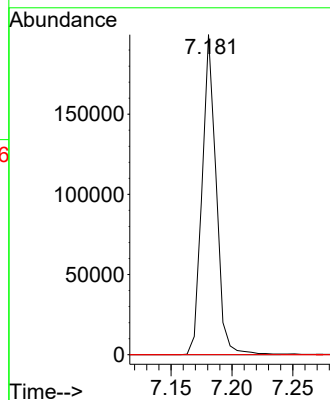
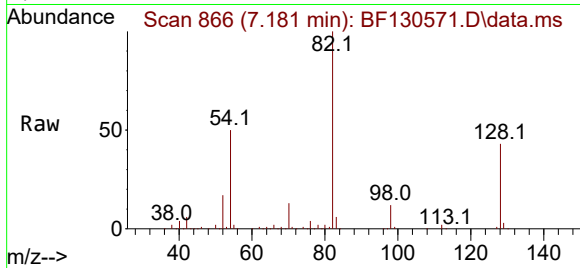




#25
Isophorone
Concen: 10.393 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

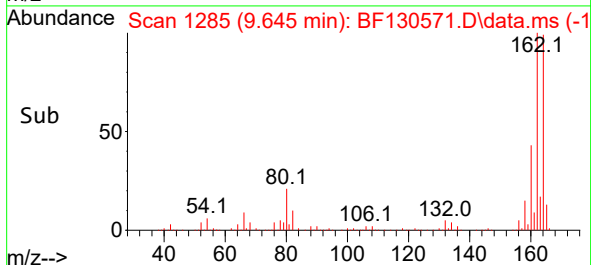
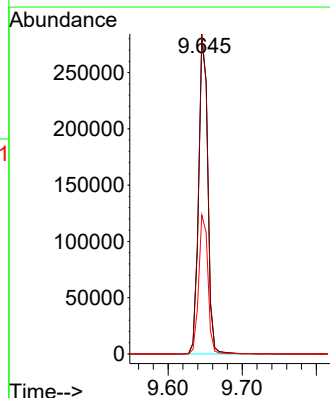
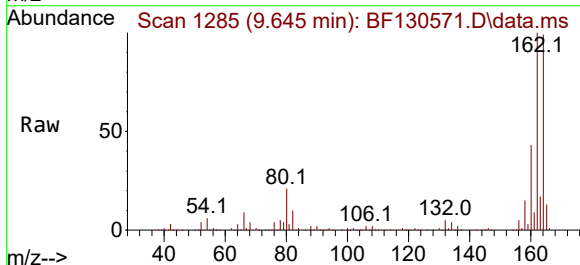
Instrument :
BNA_F
ClientSampleId :
5486-3DL

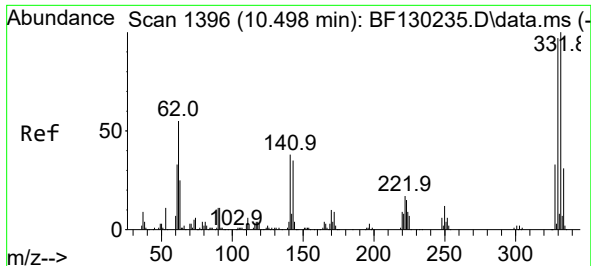
Tgt Ion: 82 Resp: 160634
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

Tgt Ion:164 Resp: 240754
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 16.200 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130571.D

Acq: 07 Oct 2022 11:47

Instrument :

BNA_F

ClientSampleId :

5486-3DL

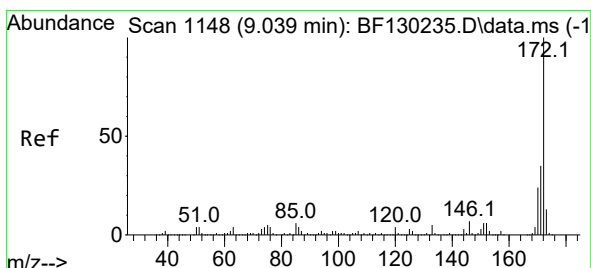
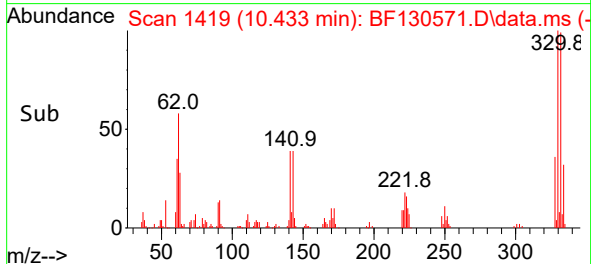
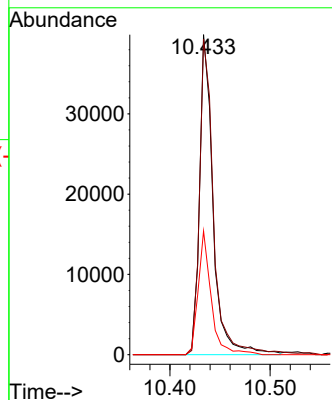
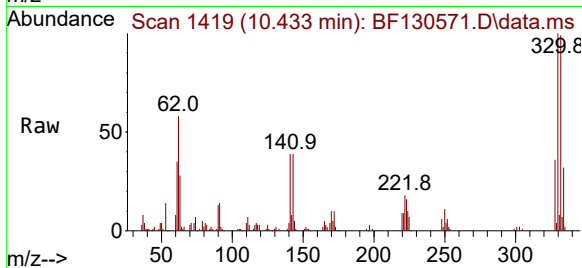
Tgt Ion:330 Resp: 37371

Ion Ratio Lower Upper

330 100

332 102.8 83.4 125.2

141 37.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 18.224 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF130571.D

Acq: 07 Oct 2022 11:47

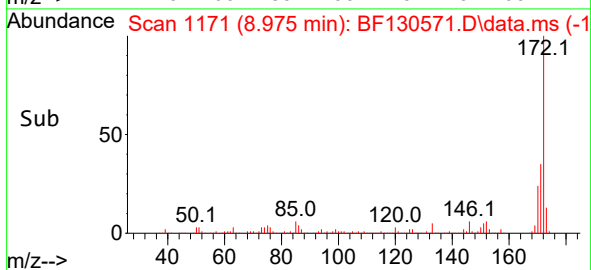
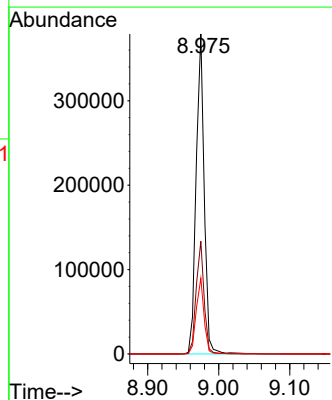
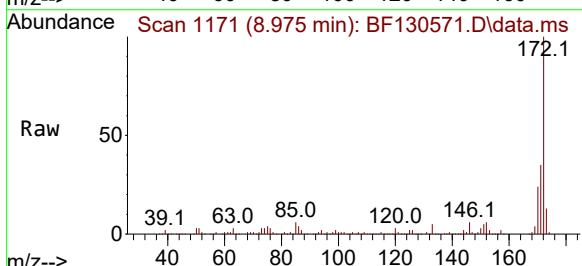
Tgt Ion:172 Resp: 301305

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 18.7 28.1

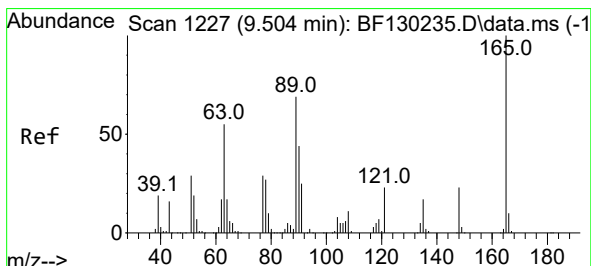
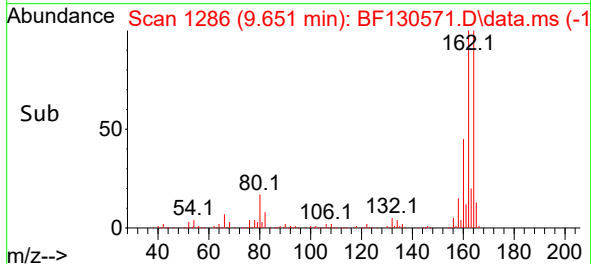
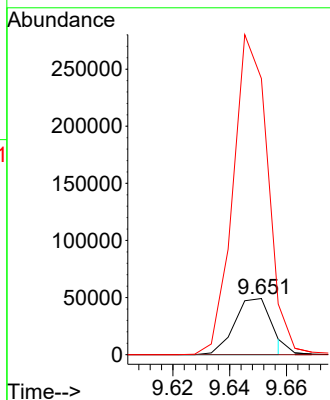
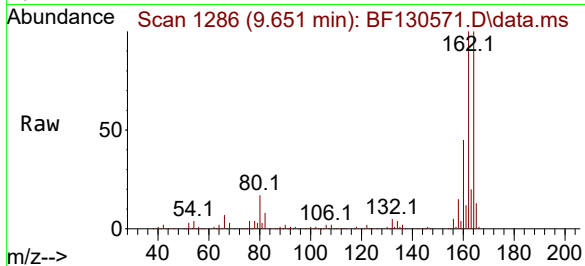




#50
Dimethylphthalate
Concen: 2.693 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.265 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

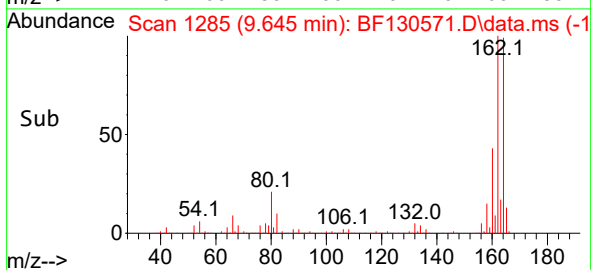
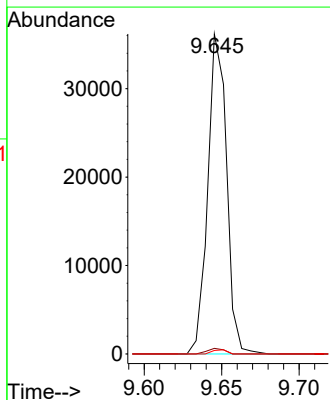
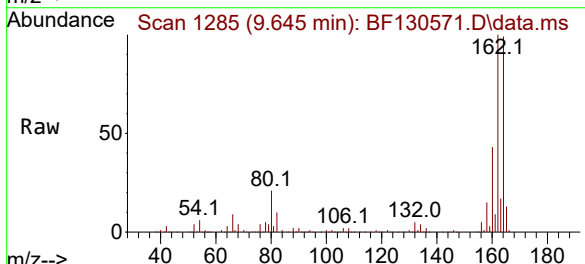
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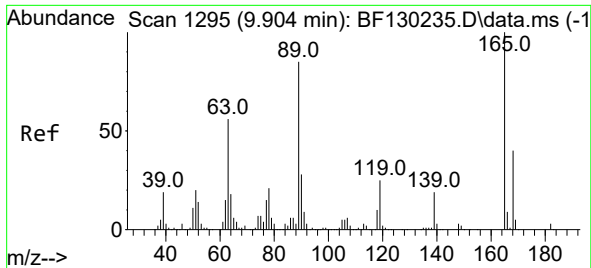
Tgt Ion:163 Resp: 44793
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 491.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.780 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

Tgt Ion:165 Resp: 30538
Ion Ratio Lower Upper
165 100
63 1.7 58.8 88.2#
89 1.1 54.5 81.7#

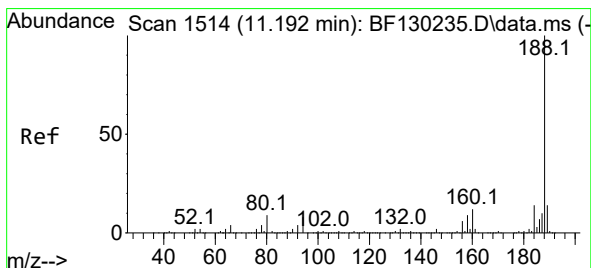
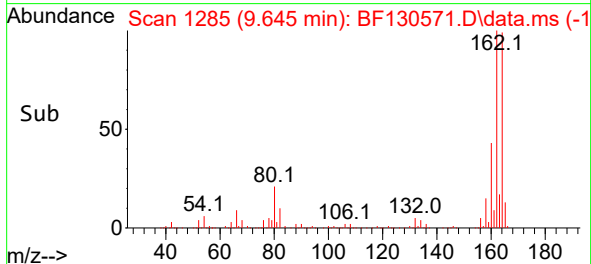
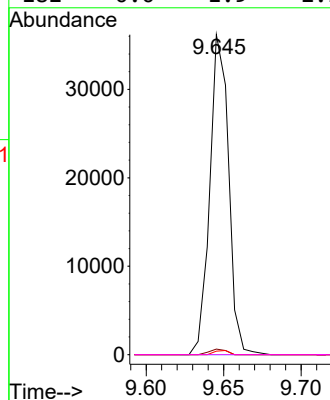
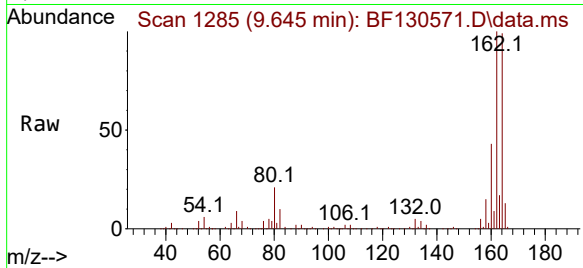




#57
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

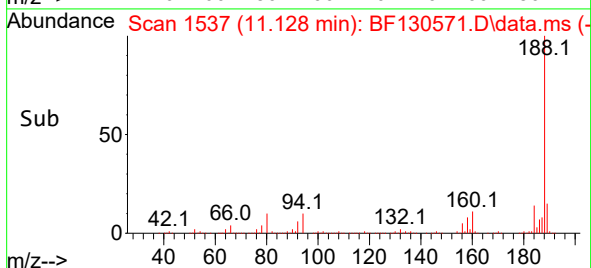
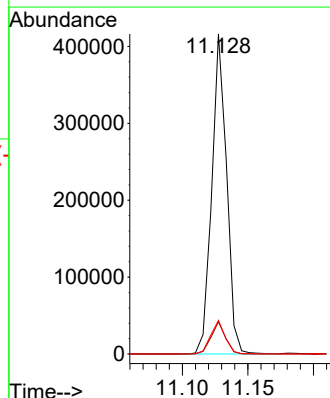
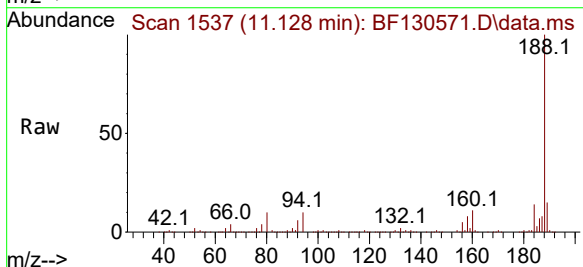
Instrument :
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5486-3DL

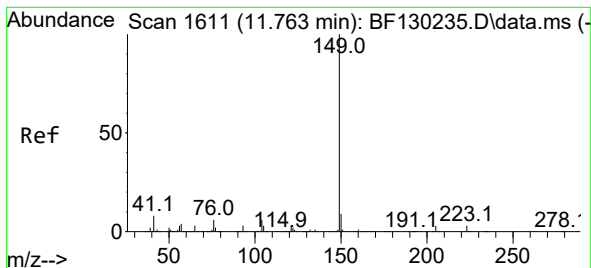
Tgt Ion:165	Resp:	30538
Ion Ratio	Lower	Upper
165	100	
63	1.7	44.7 67.1#
89	1.1	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.128 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130571.D
Acq: 07 Oct 2022 11:47

Tgt Ion:188	Resp:	327436
Ion Ratio	Lower	Upper
188	100	
94	10.1	7.4 11.2
80	10.5	7.9 11.9





#74

Di-n-butylphthalate

Concen: 35.803 ng

RT: 11.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130571.D

Acq: 07 Oct 2022 11:47

Instrument :

BNA_F

ClientSampleId :

5486-3DL

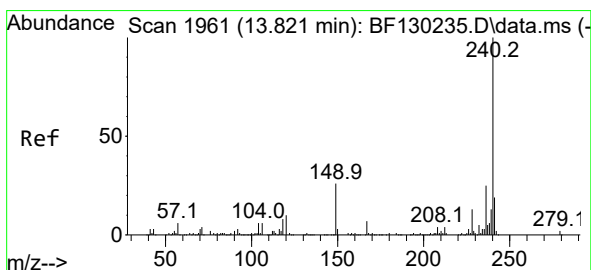
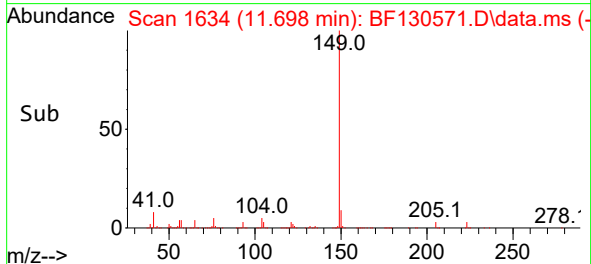
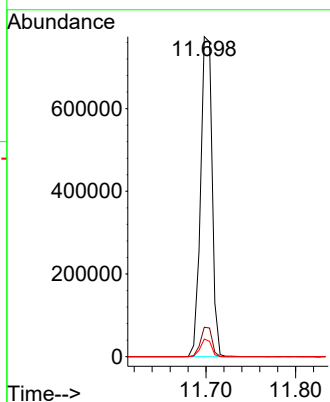
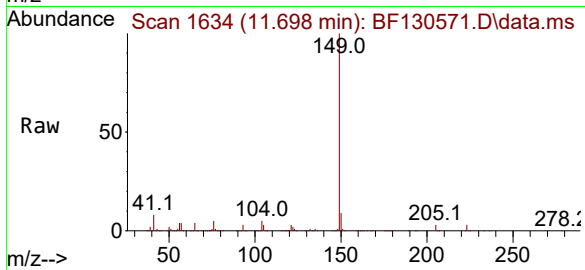
Tgt Ion:149 Resp: 691250

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.5 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF130571.D

Acq: 07 Oct 2022 11:47

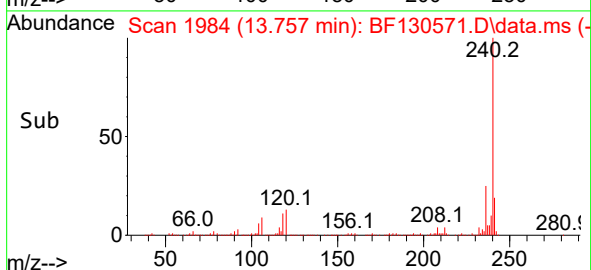
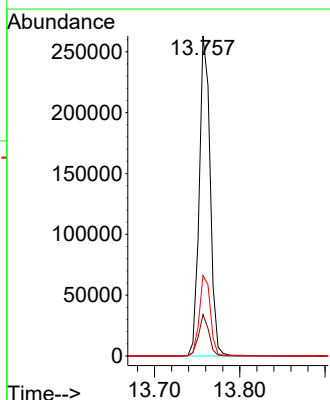
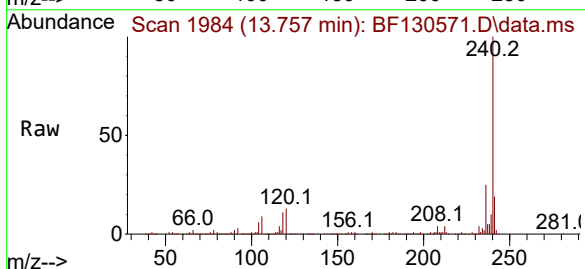
Tgt Ion:240 Resp: 233700

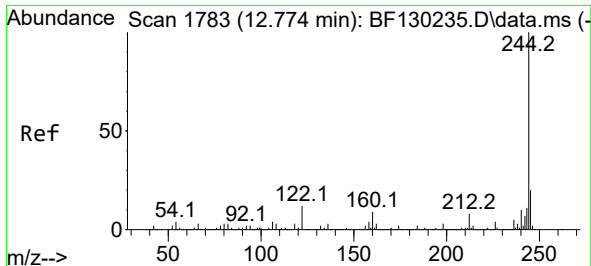
Ion Ratio Lower Upper

240 100

120 13.0 8.7 13.1

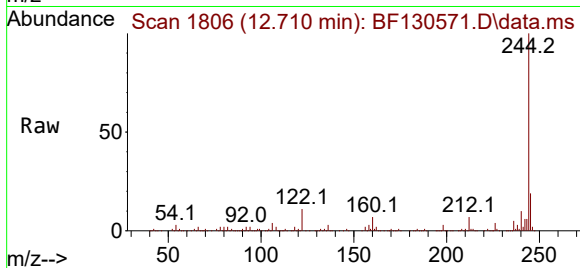
236 25.1 20.9 31.3



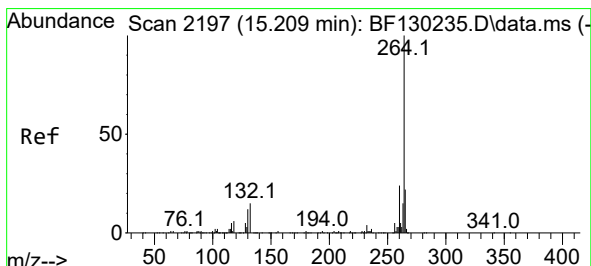
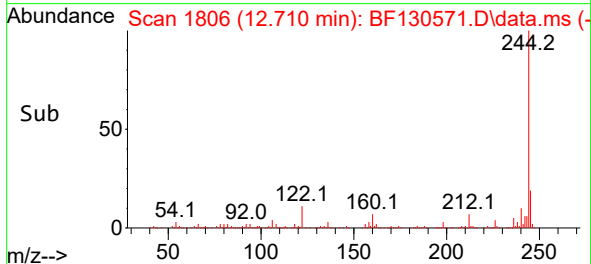
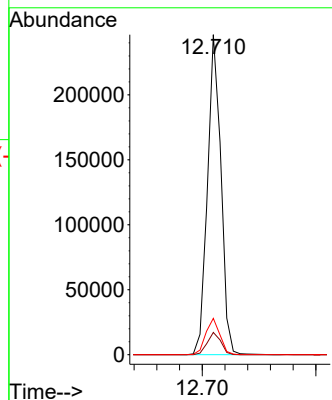


#79
 Terphenyl-d14
 Concen: 14.317 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF130571.D
 Acq: 07 Oct 2022 11:47

Instrument :
 BNA_F
 ClientSampleId :
 5486-3DL



Tgt Ion:244 Resp: 201992
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. 0.000 min
 Lab File: BF130571.D
 Acq: 07 Oct 2022 11:47

Tgt Ion:264 Resp: 230565
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 20.1 17.0 25.4

