

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131992.D
 Acq On : 10 Jan 2023 12:06
 Operator : CG\JU
 Sample : 01064-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-02

Quant Time: Jan 11 00:34:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

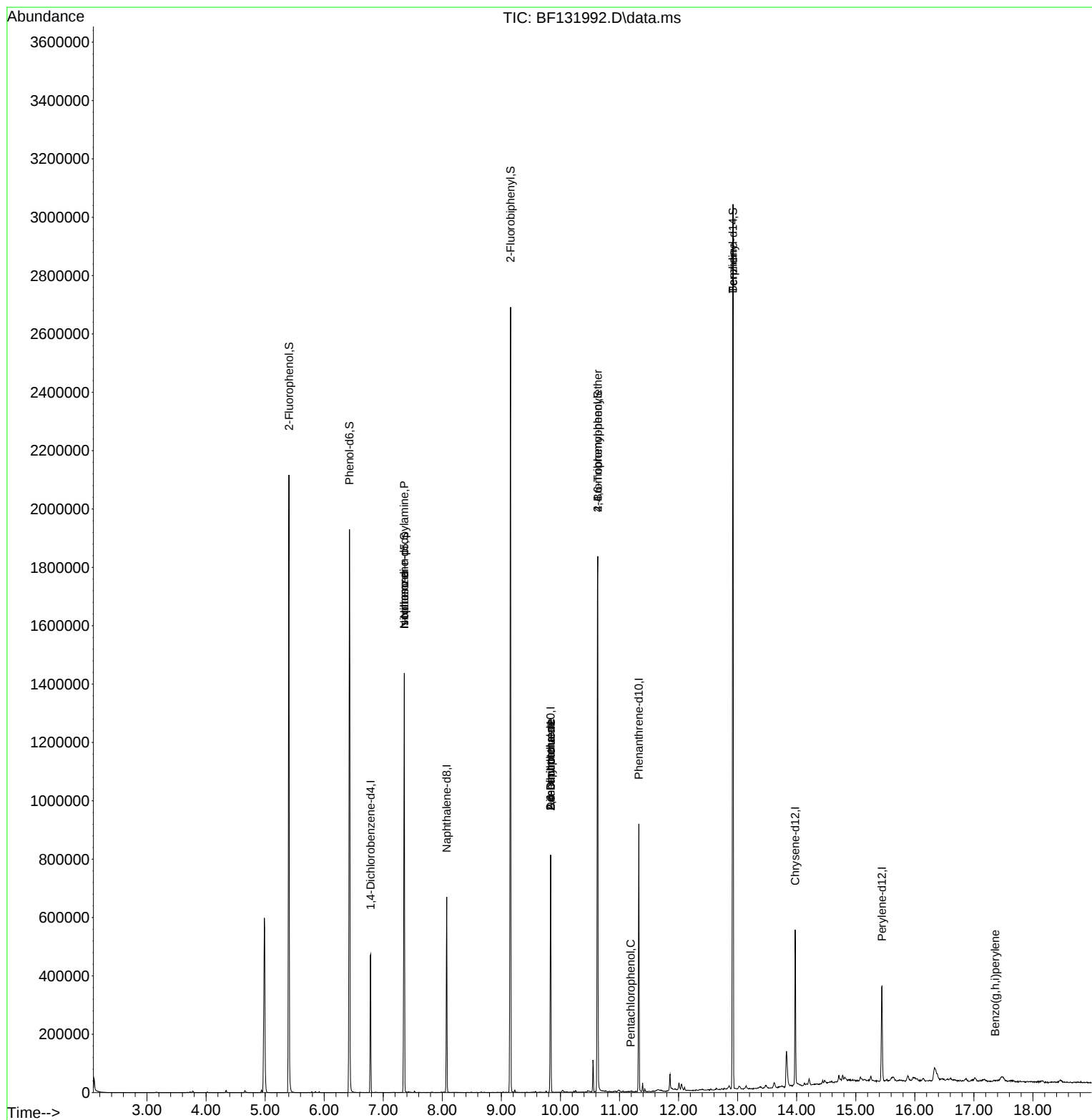
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68224	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	250929	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	147695	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	299841	20.000	ng	0.00
76) Chrysene-d12	13.974	240	167992	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	157226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	512395	123.756	ng	0.01
7) Phenol-d6	6.428	99	672128	122.436	ng	0.00
23) Nitrobenzene-d5	7.357	82	472099	78.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	216755	127.640	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	808803	73.926	ng	0.00
79) Terphenyl-d14	12.921	244	976268	83.293	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	66481	16.741	ng	# 80
25) Isophorone	7.357	82	468825	41.508	ng	# 69
50) Dimethylphthalate	9.833	163	31690	2.753	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	18978	7.838	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	18978	5.862	ng	# 13
67) 4-Bromophenyl-phenylether	10.633	248	14686	3.915	ng	# 1
70) Pentachlorophenol	11.192	266	53	4.383	ng	# 17
77) Benzidine	12.921	184	16216	2.906	ng	# 93
92) Benzo(g,h,i)perylene	17.362	276	53	3.531	ng	# 58

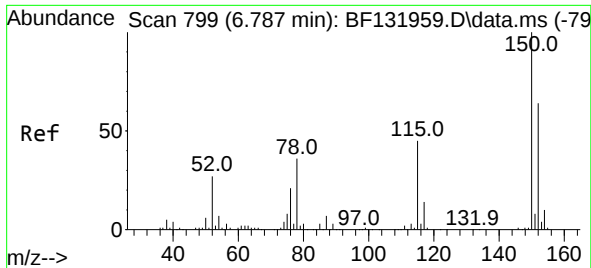
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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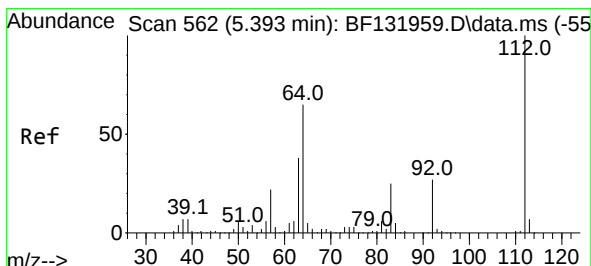
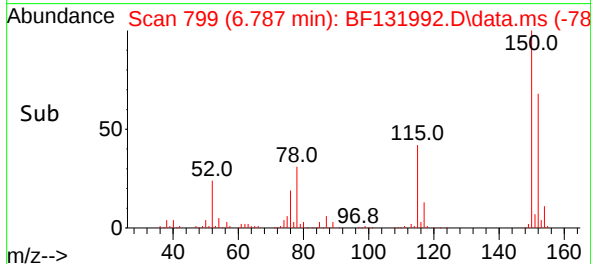
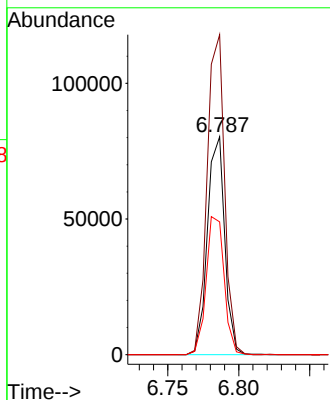
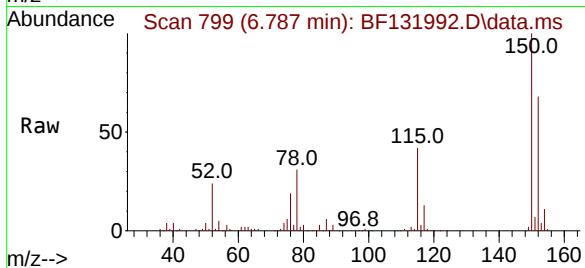




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

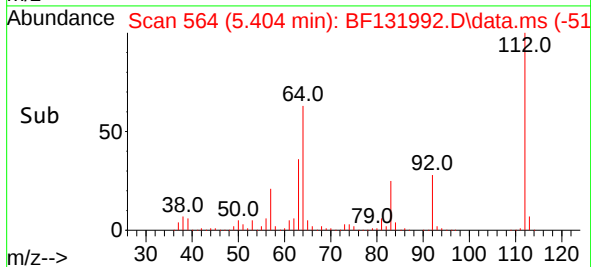
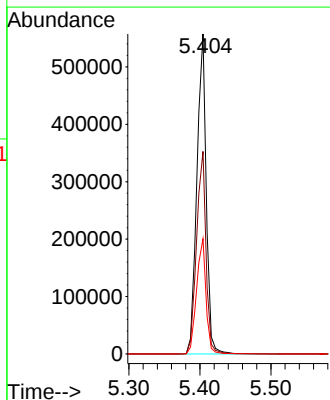
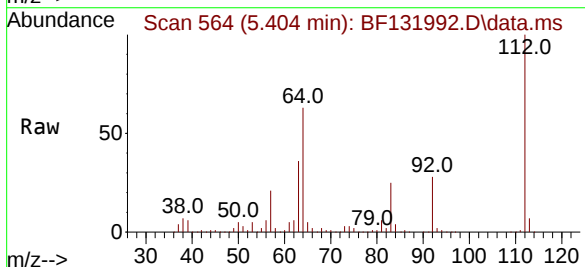
Instrument :
BNA_F
ClientSampleId :
S4-02

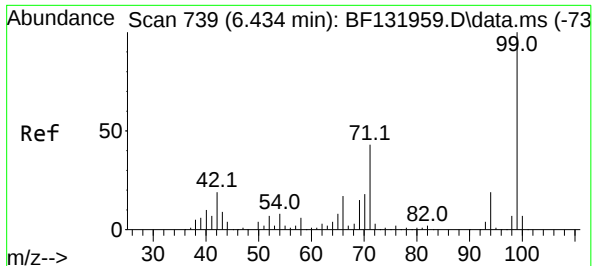
Tgt Ion:152 Resp: 68224
Ion Ratio Lower Upper
152 100
150 146.9 124.6 186.8
115 61.0 55.6 83.4



#5
2-Fluorophenol
Concen: 123.756 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion:112 Resp: 512395
Ion Ratio Lower Upper
112 100
64 63.3 51.9 77.9
63 36.0 30.2 45.2

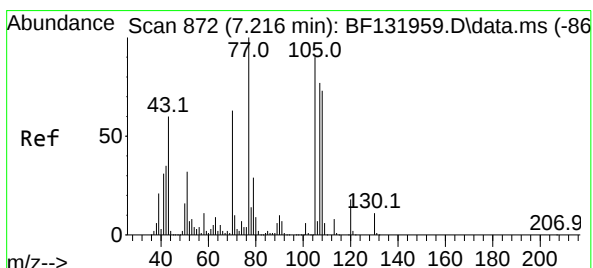
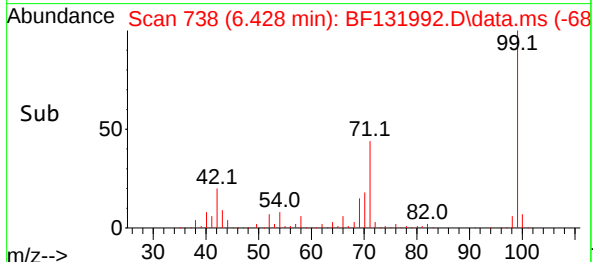
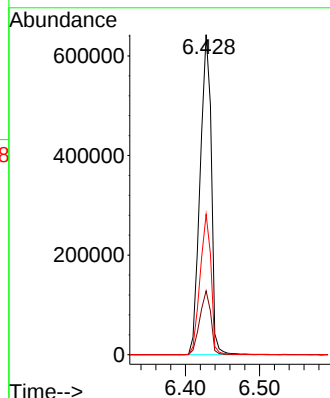
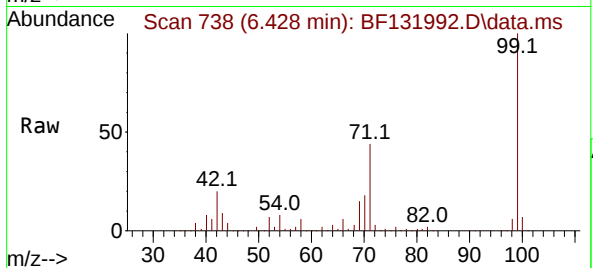




#7
Phenol-d6
Concen: 122.436 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

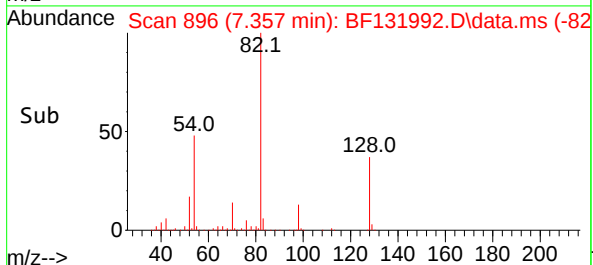
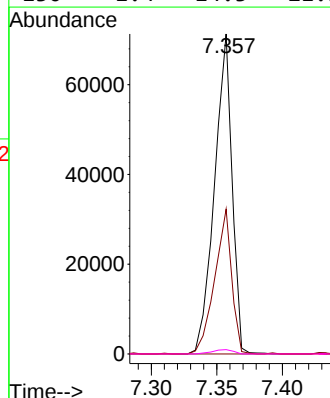
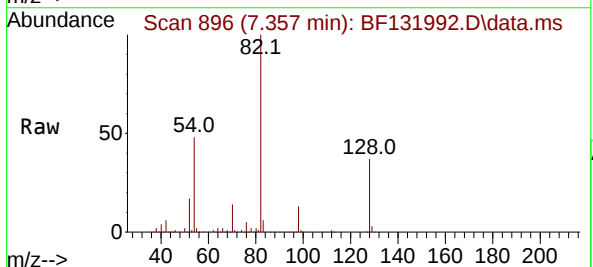
Instrument :
BNA_F
ClientSampleId :
S4-02

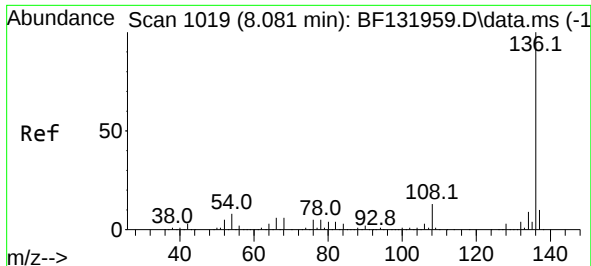
Tgt Ion: 99 Resp: 672128
Ion Ratio Lower Upper
99 100
42 19.9 15.4 23.2
71 43.9 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.741 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion: 70 Resp: 66481
Ion Ratio Lower Upper
70 100
42 45.3 44.3 66.5
101 0.0 7.5 11.3#
130 1.4 14.3 21.5#



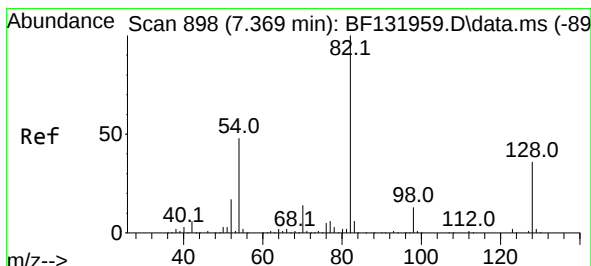
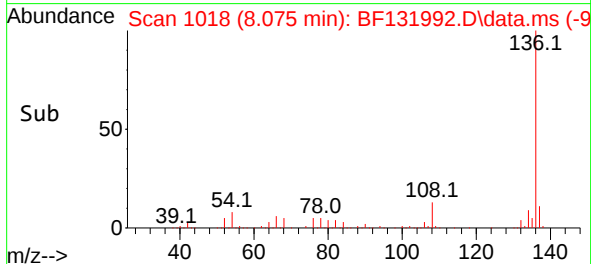
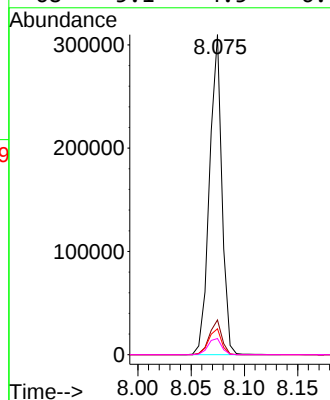
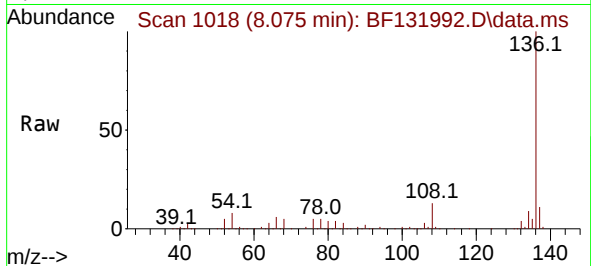


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Instrument :
BNA_F
ClientSampleId :
S4-02

Tgt Ion:136 Resp: 250929

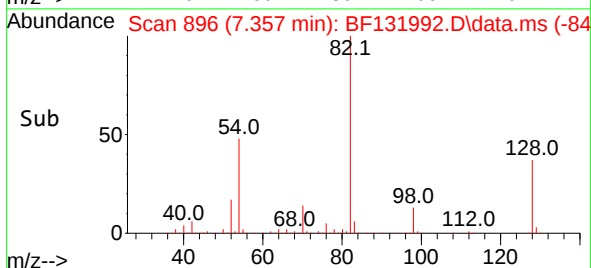
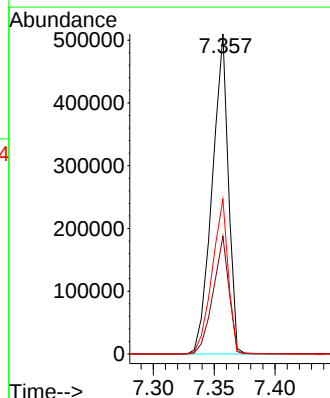
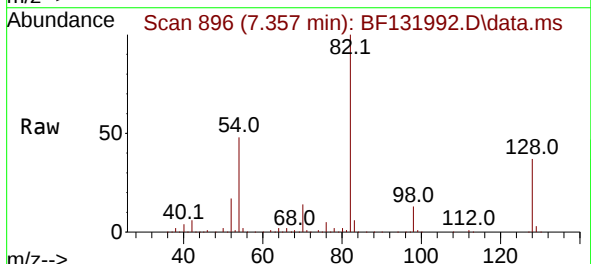
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	8.1	6.6	9.8
68	5.1	4.5	6.7

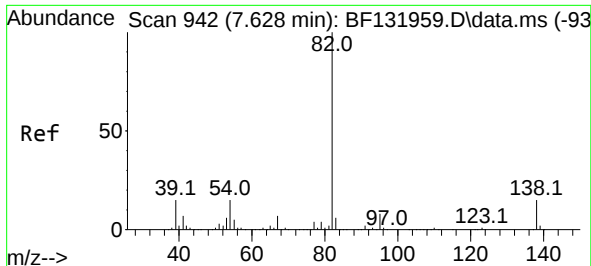


#23
Nitrobenzene-d5
Concen: 78.085 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion: 82 Resp: 472099

Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.7	43.1
54	48.3	38.1	57.1

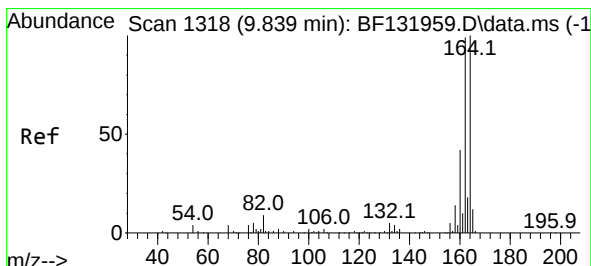
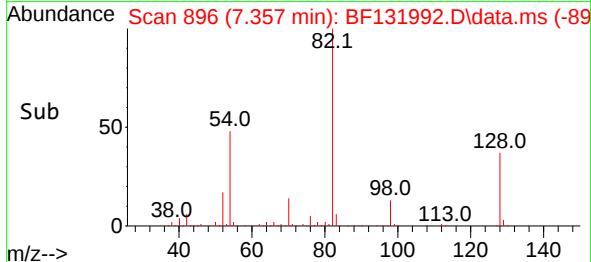
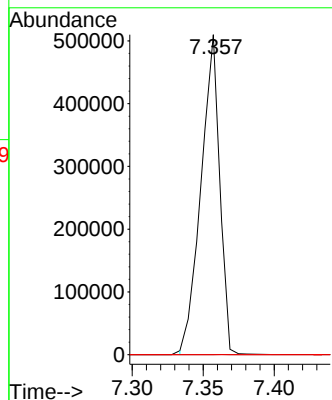
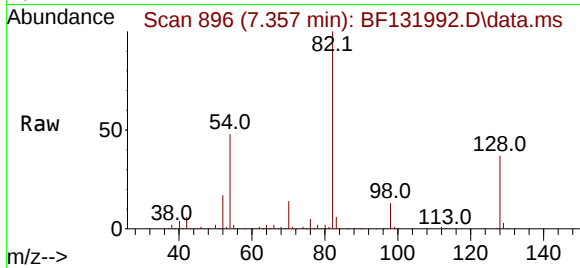




#25
Isophorone
Concen: 41.508 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

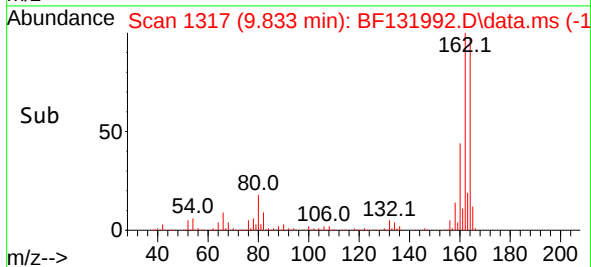
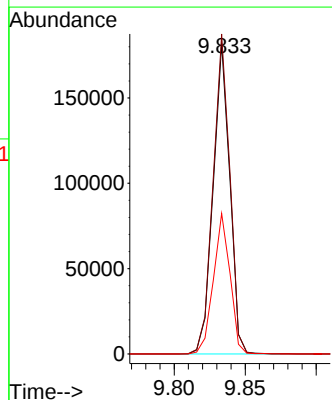
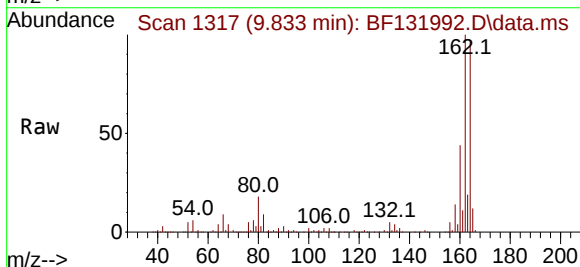
Instrument :
BNA_F
ClientSampleId :
S4-02

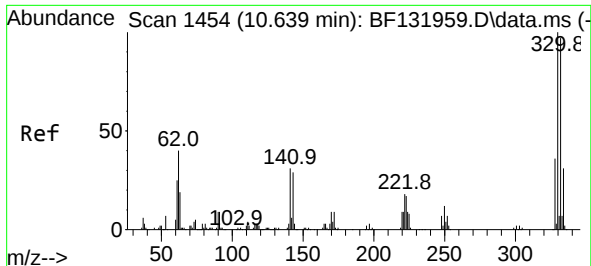
Tgt Ion: 82 Resp: 468825
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion:164 Resp: 147695
Ion Ratio Lower Upper
164 100
162 103.1 79.4 119.0
160 45.3 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 127.640 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131992.D

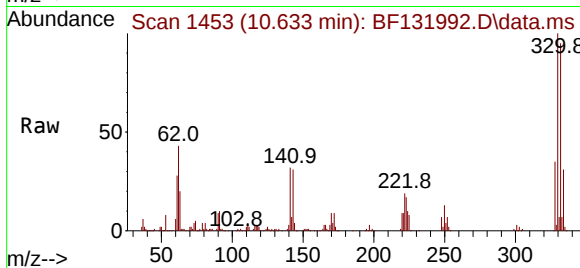
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Instrument :

BNA_F

ClientSampleId :

S4-02



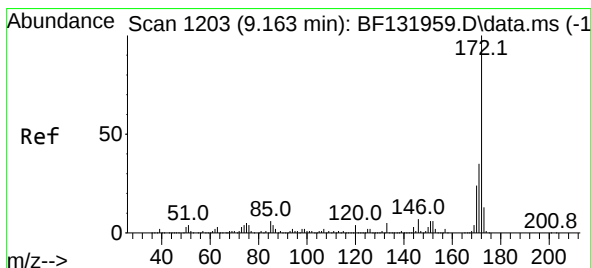
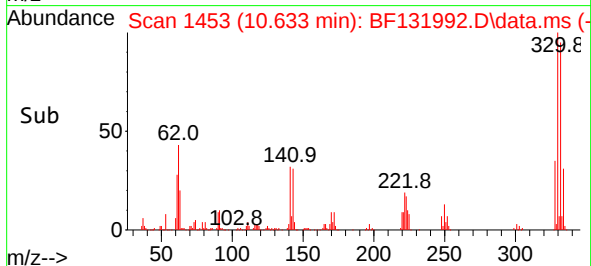
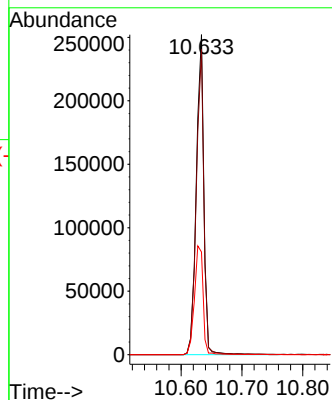
Tgt Ion:330 Resp: 216755

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

141 38.8 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 73.926 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131992.D

Acq: 10 Jan 2023 12:06

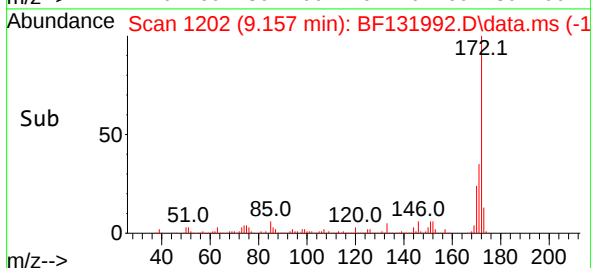
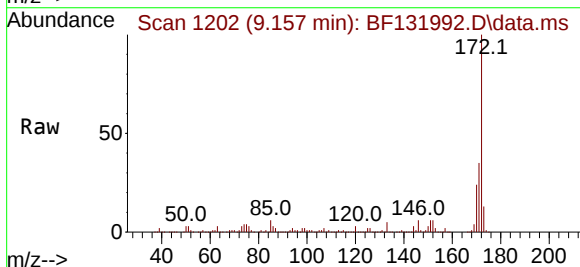
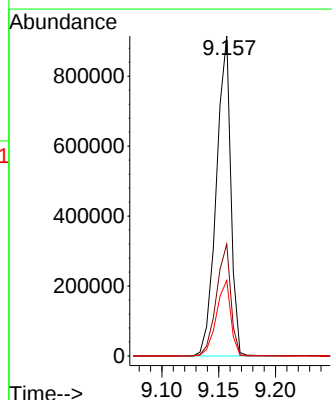
Tgt Ion:172 Resp: 808803

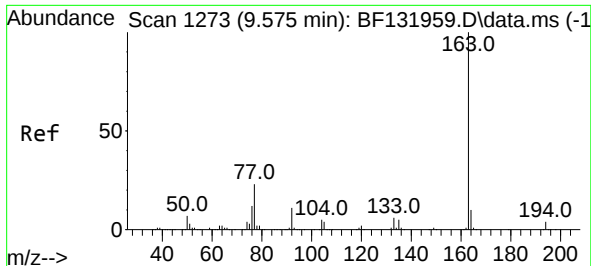
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.6 18.9 28.3

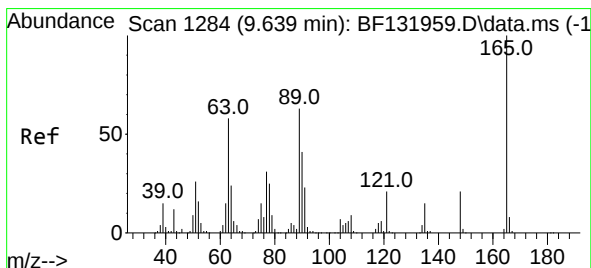
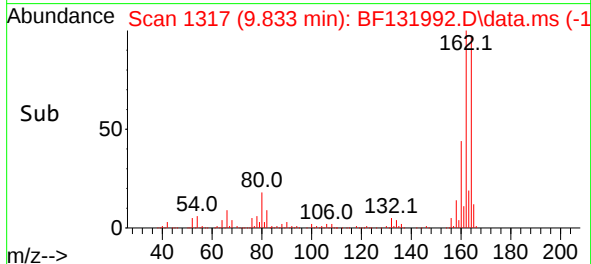
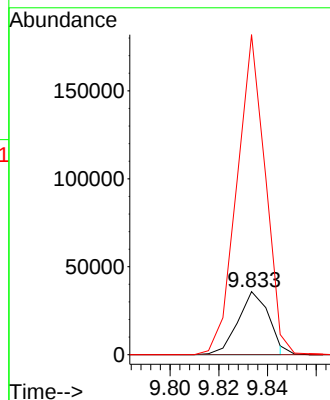
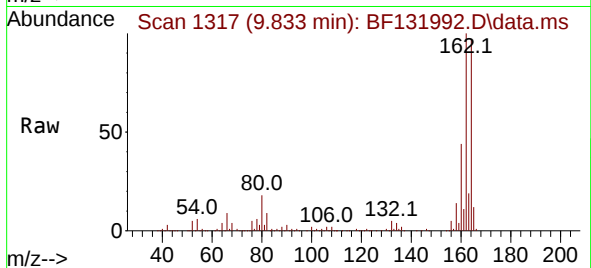




#50
Dimethylphthalate
Concen: 2.753 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

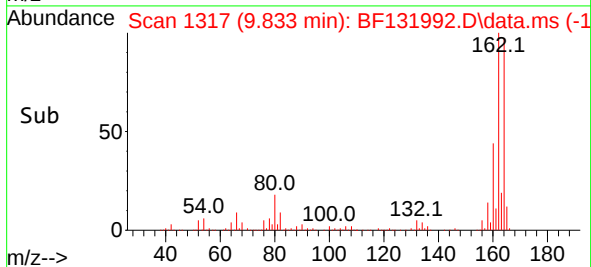
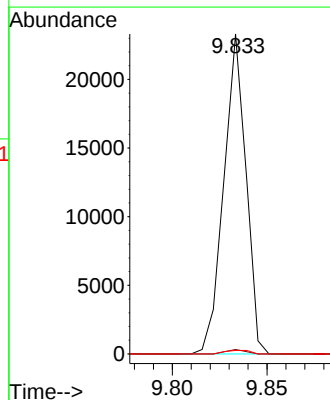
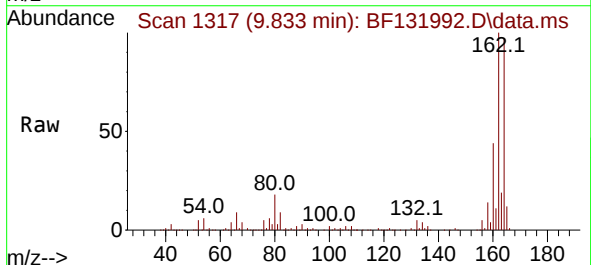
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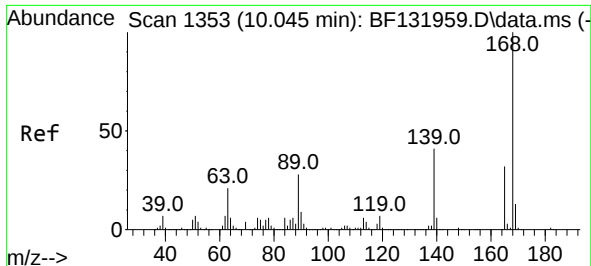
Tgt Ion:163 Resp: 31690
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 508.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.838 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion:165 Resp: 18978
Ion Ratio Lower Upper
165 100
63 1.4 47.4 71.0#
89 1.1 50.2 75.2#

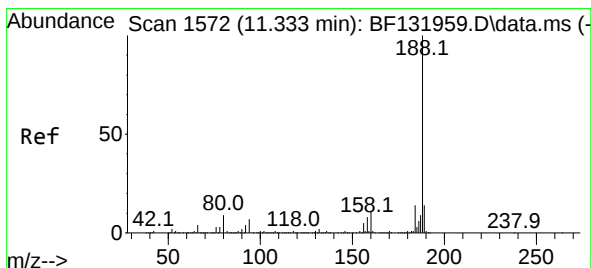
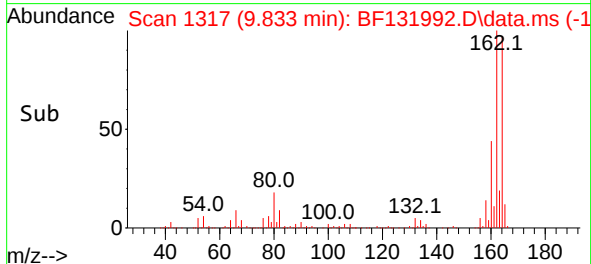
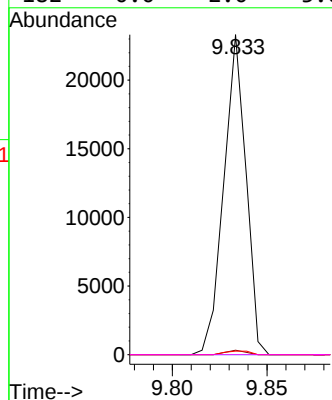
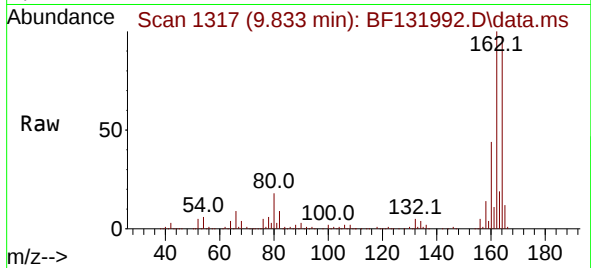




#57
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

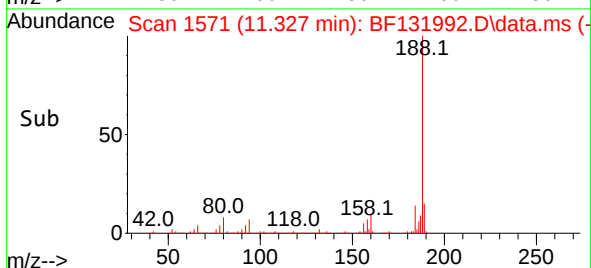
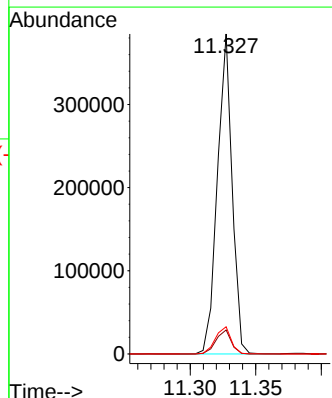
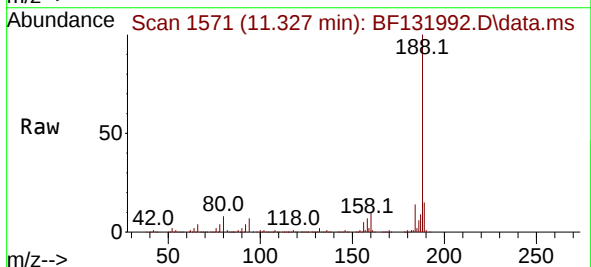
Instrument :
BNA_F
ClientSampleId :
S4-02

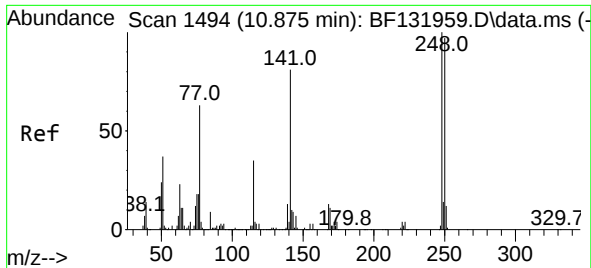
Tgt Ion:165 Resp: 18978
Ion Ratio Lower Upper
165 100
63 1.4 53.2 79.8#
89 1.1 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion:188 Resp: 299841
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.5 7.4 11.0

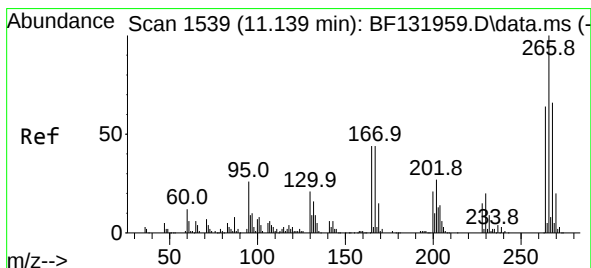
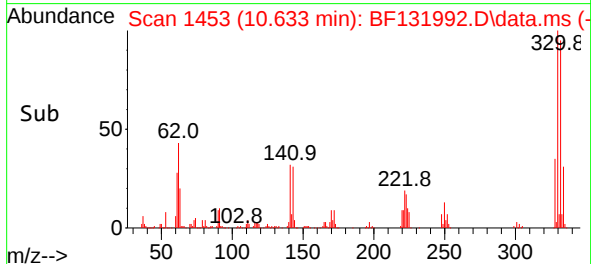
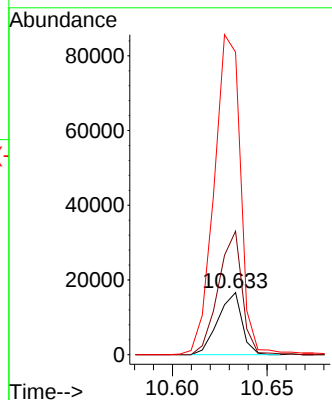
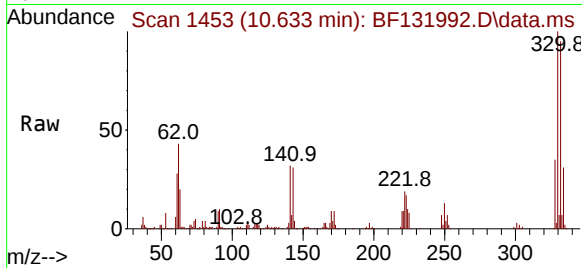




#67
4-Bromophenyl-phenylether
Concen: 3.915 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.241 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

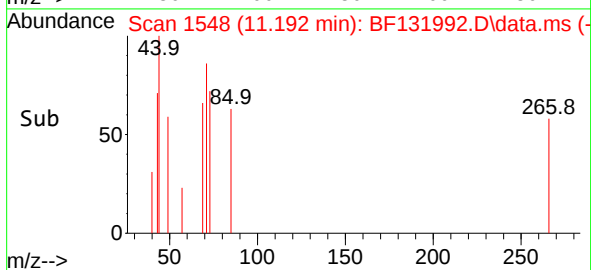
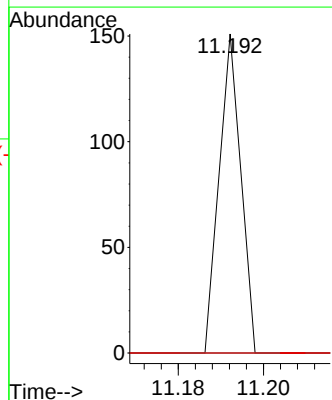
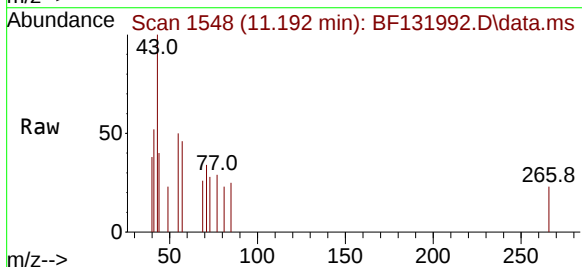
Instrument :
BNA_F
ClientSampleId :
S4-02

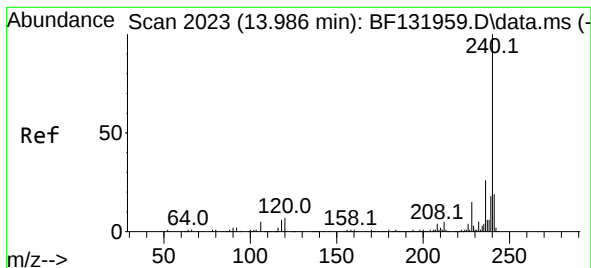
Tgt Ion:248 Resp: 14686
Ion Ratio Lower Upper
248 100
250 198.9 77.4 116.2#
141 487.1 65.0 97.6#



#70
Pentachlorophenol
Concen: 4.383 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.053 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
268 0.0 52.7 79.1#
264 0.0 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131992.D

Acq: 10 Jan 2023 12:06

Instrument :

BNA_F

ClientSampleId :

S4-02

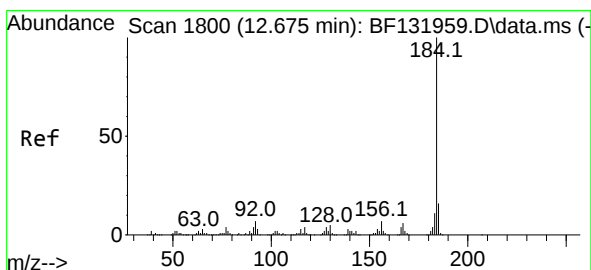
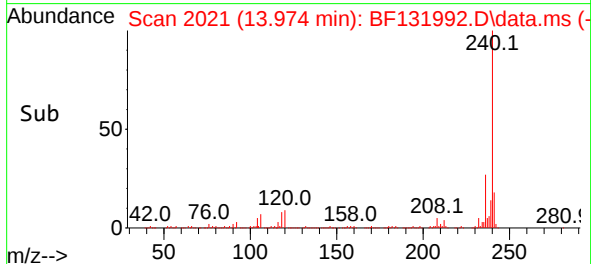
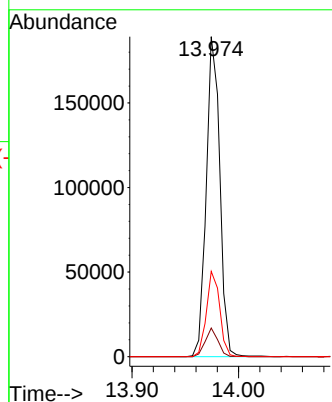
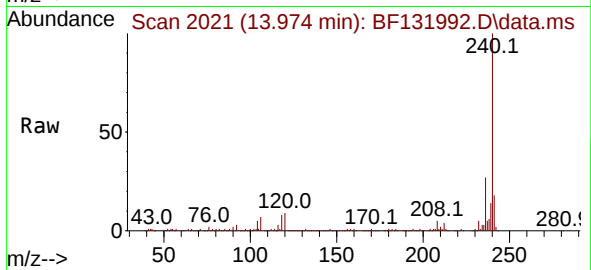
Tgt Ion:240 Resp: 167992

Ion Ratio Lower Upper

240 100

120 9.0 5.4 8.0#

236 26.6 21.1 31.7



#77

Benzidine

Concen: 2.906 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.246 min

Lab File: BF131992.D

Acq: 10 Jan 2023 12:06

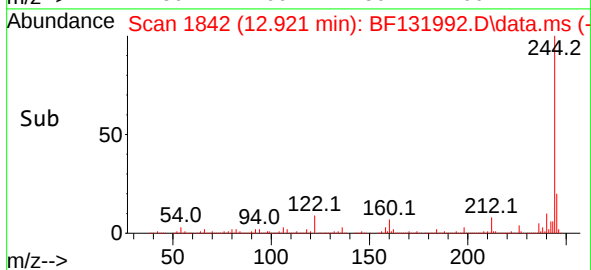
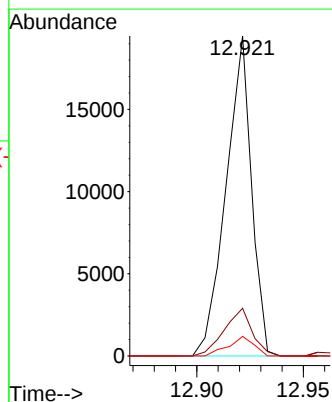
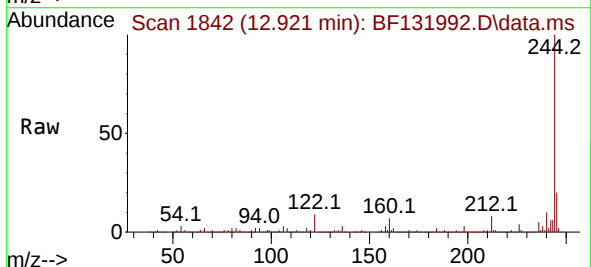
Tgt Ion:184 Resp: 16216

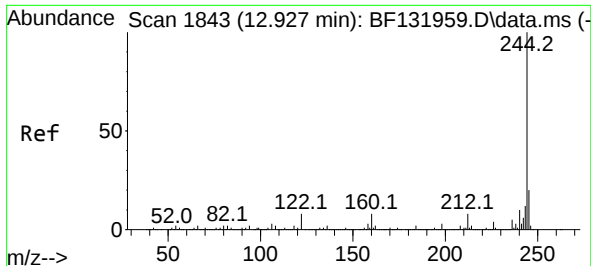
Ion Ratio Lower Upper

184 100

185 14.9 12.8 19.2

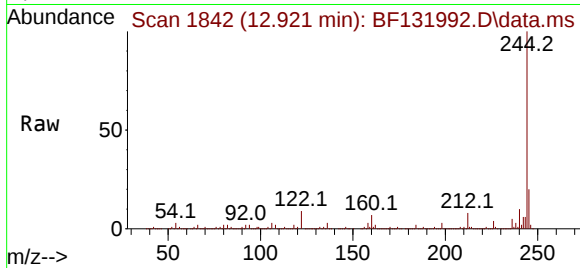
183 6.1 9.0 13.4#



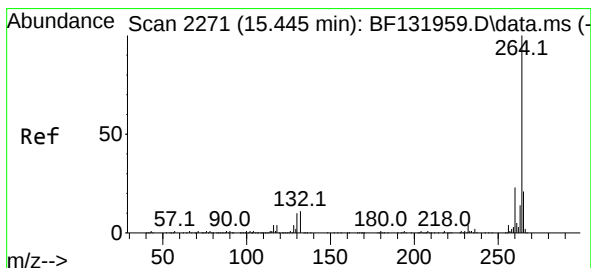
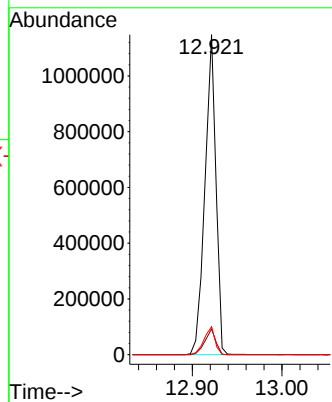
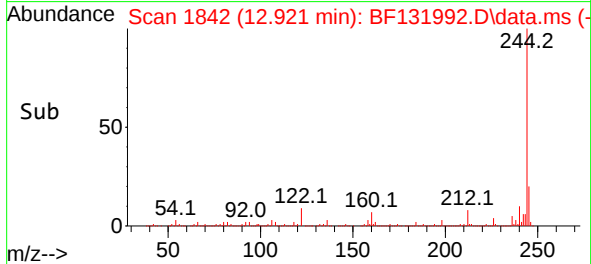


#79
 Terphenyl-d14
 Concen: 83.293 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131992.D
 Acq: 10 Jan 2023 12:06

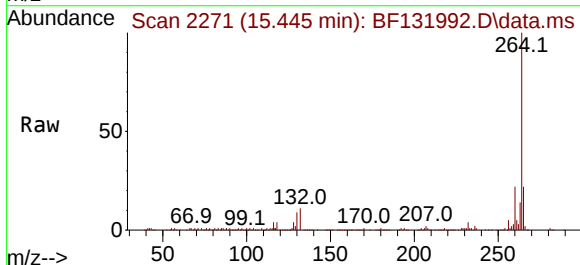
Instrument :
 BNA_F
 ClientSampleId :
 S4-02



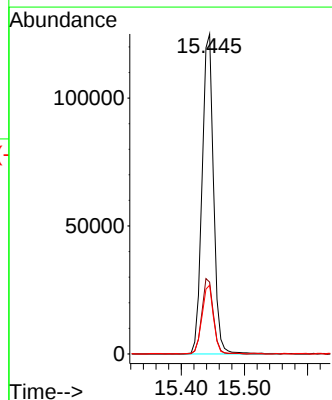
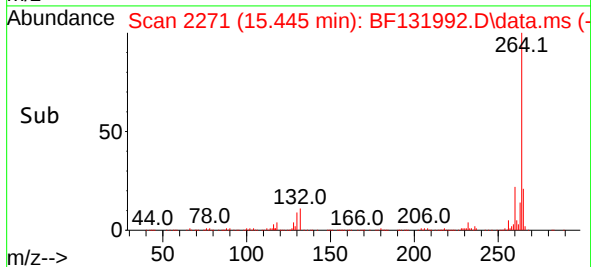
Tgt Ion:244 Resp: 976268
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.7 6.8 10.2

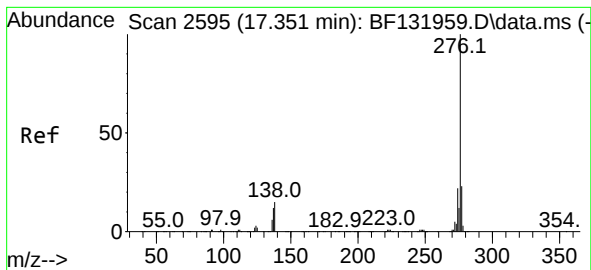


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF131992.D
 Acq: 10 Jan 2023 12:06



Tgt Ion:264 Resp: 157226
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 21.5 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.531 ng

RT: 17.362 min Scan# 21

Delta R.T. 0.011 min

Lab File: BF131992.D

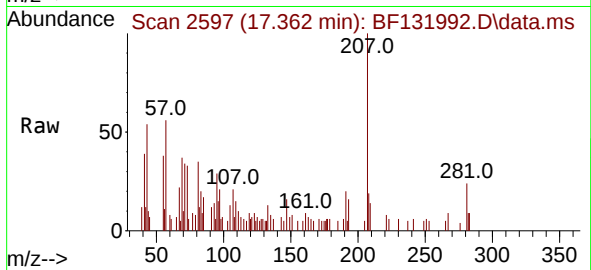
Acq: 10 Jan 2023 12:06

Instrument :

BNA_F

ClientSampleId :

S4-02



Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

