

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131786.D
 Acq On : 22 Dec 2022 20:12
 Operator : CG\JU
 Sample : N6178-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Dec 23 03:34:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

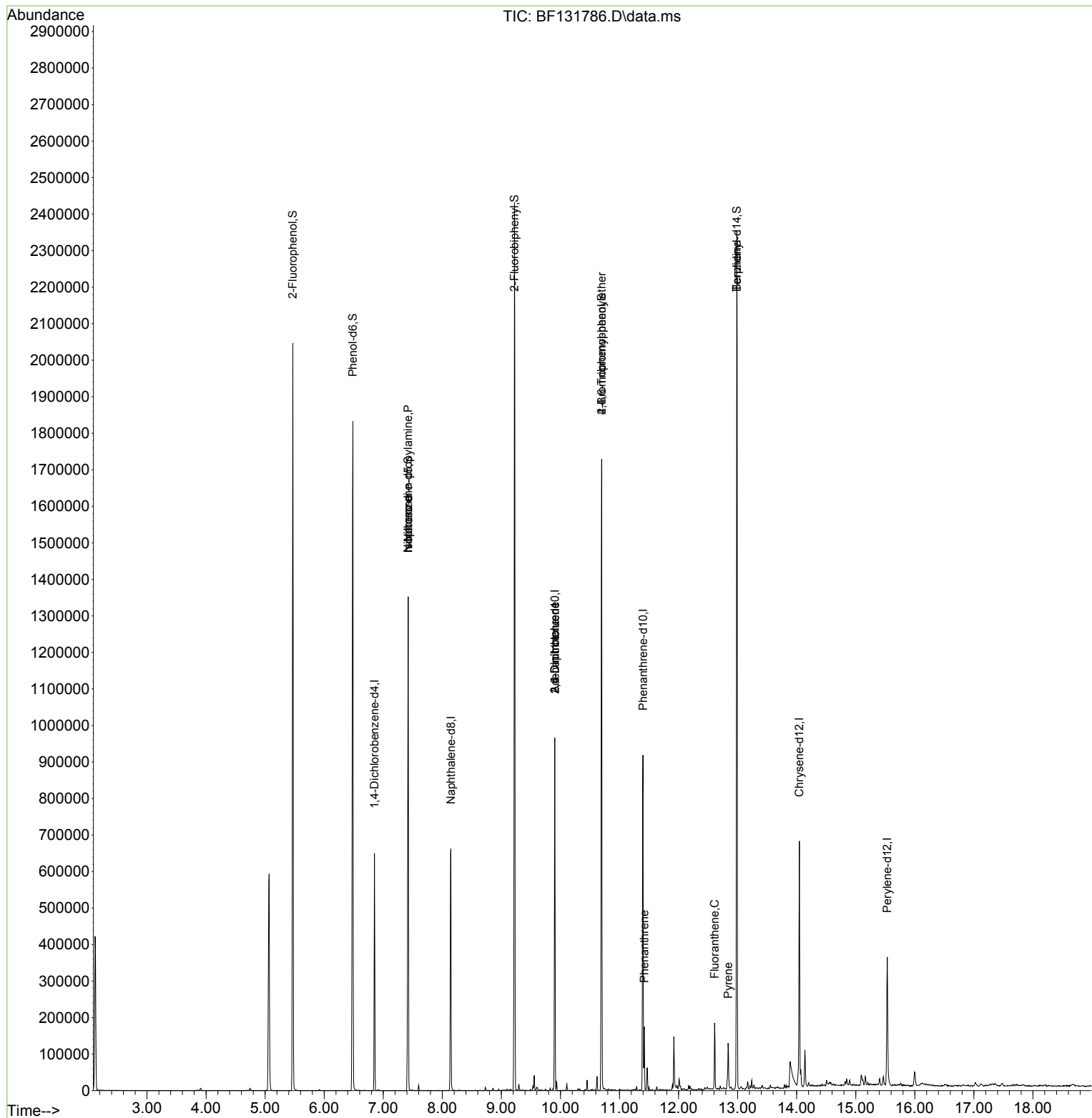
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	80226	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	291421	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	168459	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	332354	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191481	20.000	ng	0.00
86) Perylene-d12	15.533	264	159046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	478515	100.437	ng	0.01
7) Phenol-d6	6.487	99	619190	96.558	ng	0.00
23) Nitrobenzene-d5	7.422	82	439959	61.288	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	176370	95.653	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	723927	60.198	ng	0.00
79) Terphenyl-d14	12.986	244	814254	66.275	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1168	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	60051	12.984	ng	# 80
25) Isophorone	7.422	82	437713	35.905	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	22034	8.084	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	22034	6.016	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	12309	3.136	ng	# 1
71) Phenanthrene	11.422	178	61426	3.389	ng	98
75) Fluoranthene	12.610	202	67573	3.348	ng	98
77) Benzidine	12.986	184	12307	3.505	ng	# 90
78) Pyrene	12.839	202	51419	2.954	ng	97

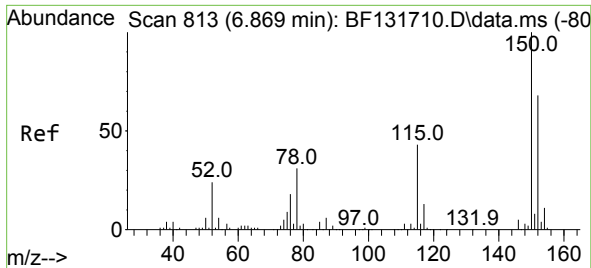
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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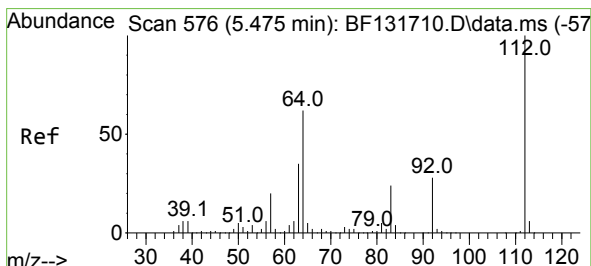
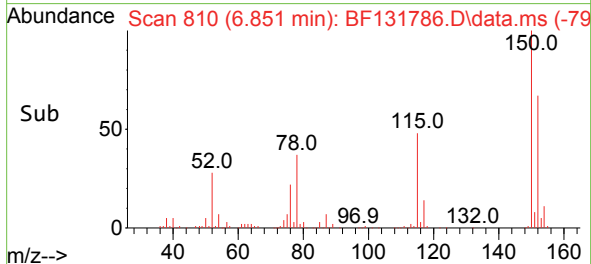
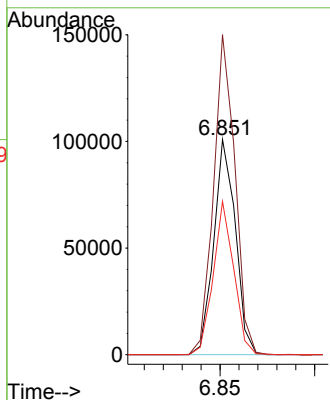
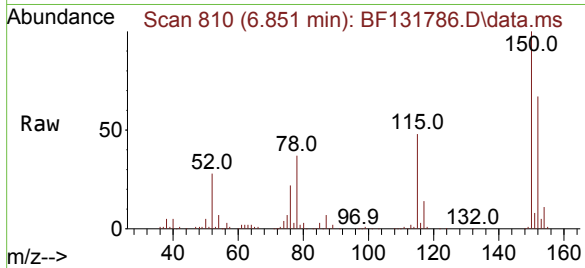




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

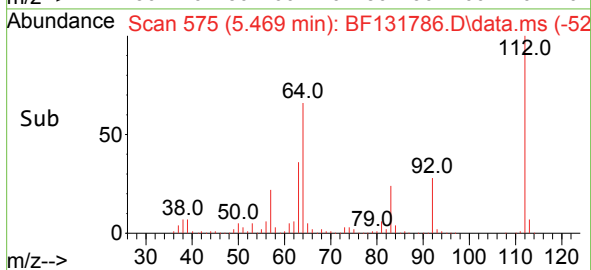
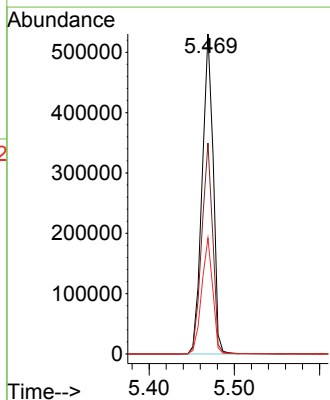
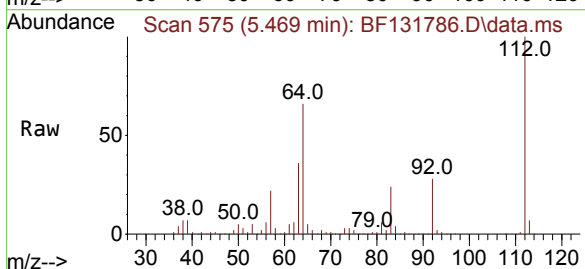
Instrument :
BNA_F
ClientSampleId :
COMP-2

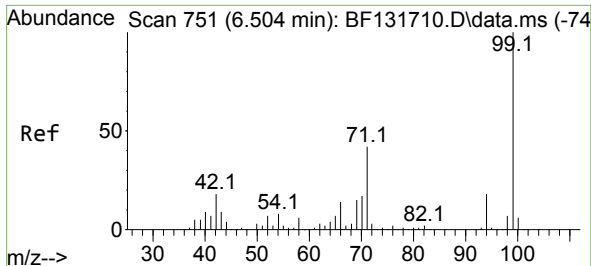
Tgt Ion:152 Resp: 80226
Ion Ratio Lower Upper
152 100
150 148.7 117.4 176.0
115 71.2 50.2 75.4



#5
2-Fluorophenol
Concen: 100.437 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Tgt Ion:112 Resp: 478515
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 36.3 28.2 42.2

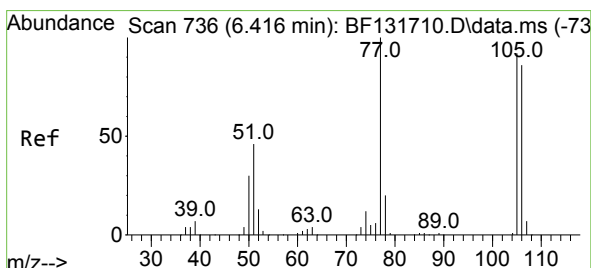
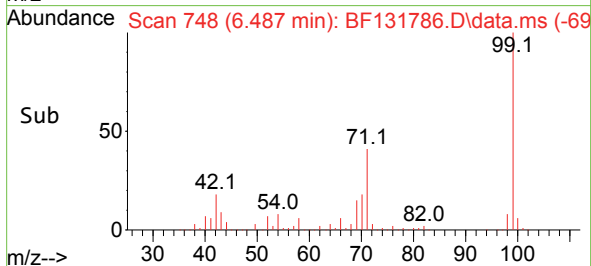
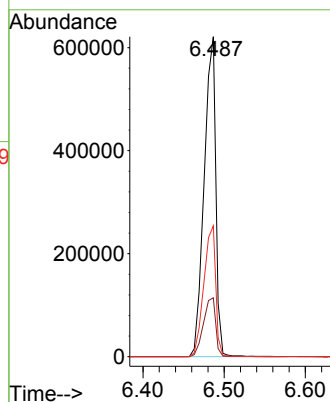
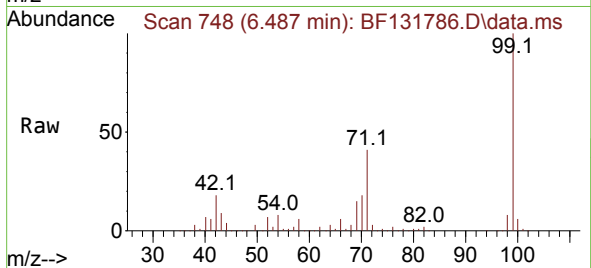




#7
Phenol-d6
Concen: 96.558 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

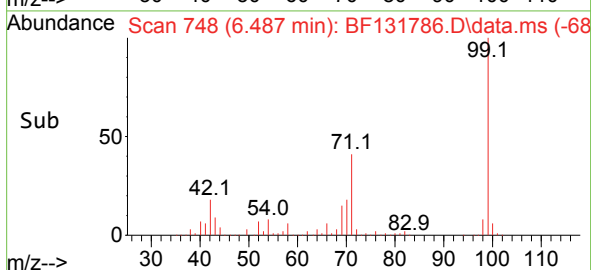
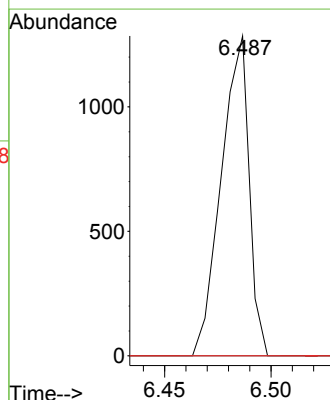
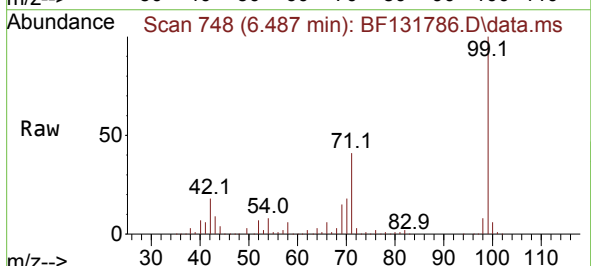
Instrument :
BNA_F
ClientSampleId :
COMP-2

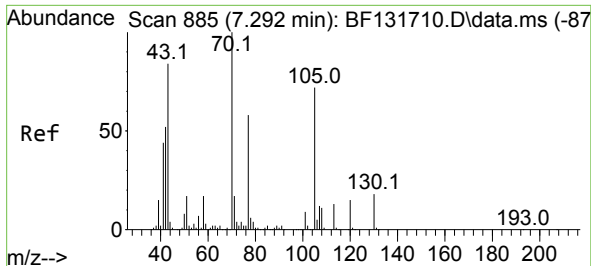
Tgt Ion: 99 Resp: 619190
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 40.9 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 748
Delta R.T. 0.082 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Tgt Ion: 77 Resp: 1168
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

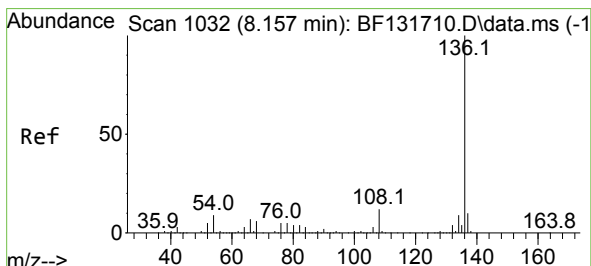
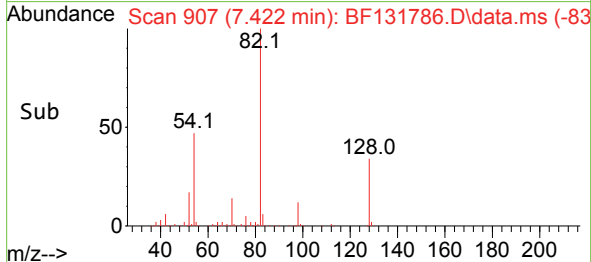
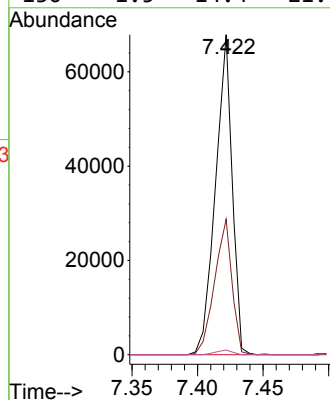
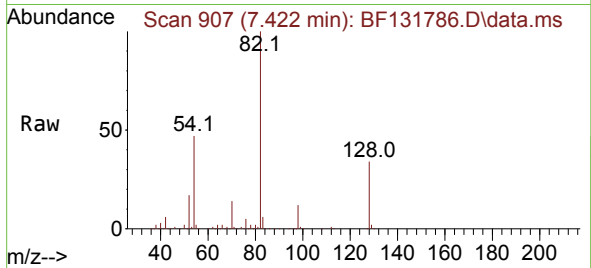




#19
n-Nitroso-di-n-propylamine
Concen: 12.984 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

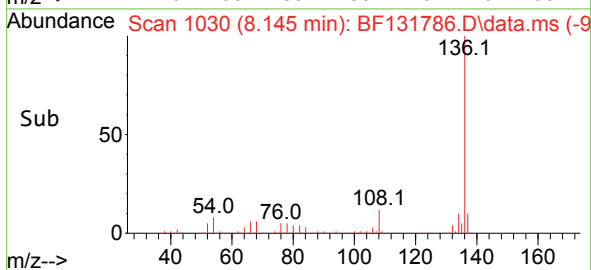
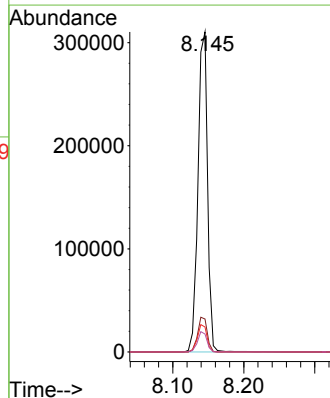
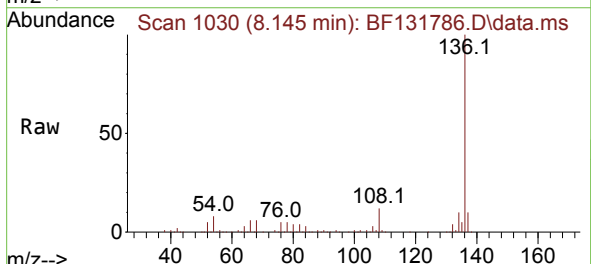
Instrument :
BNA_F
ClientSampleId :
COMP-2

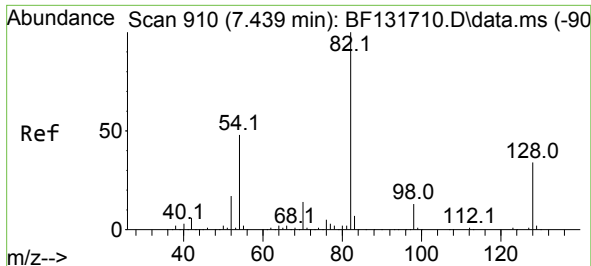
Tgt Ion: 70 Resp: 60051
Ion Ratio Lower Upper
70 100
42 42.3 41.5 62.3
101 0.0 7.3 10.9#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Tgt Ion: 136 Resp: 291421
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.8 7.2 10.8
68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.288 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131786.D

Acq: 22 Dec 2022 20:12

Instrument :

BNA_F

ClientSampleId :

COMP-2

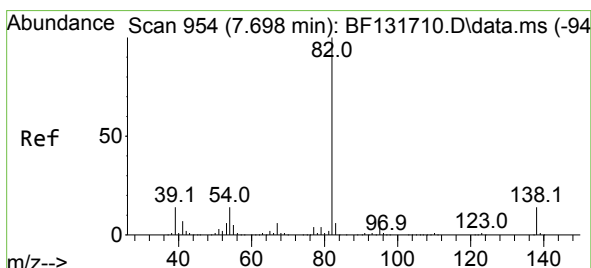
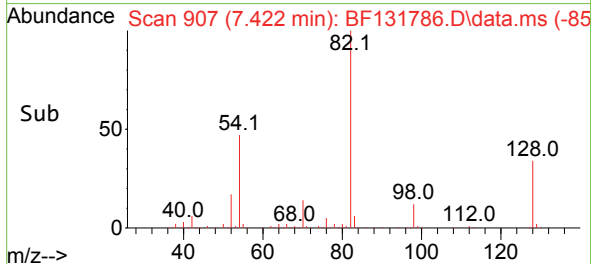
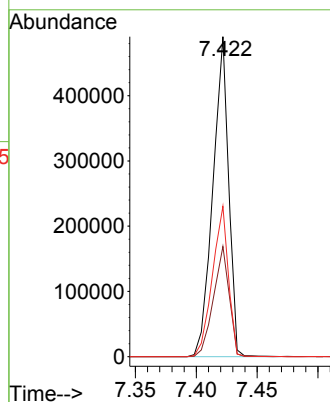
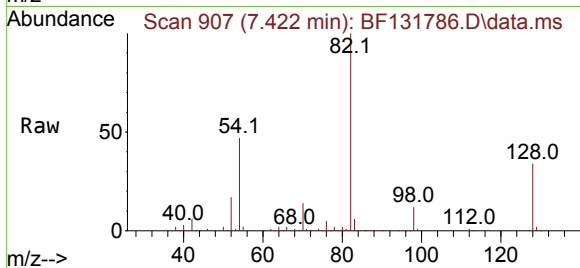
Tgt Ion: 82 Resp: 439959

Ion Ratio Lower Upper

82 100

128 34.5 27.3 40.9

54 47.0 38.2 57.2



#25

Isophorone

Concen: 35.905 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131786.D

Acq: 22 Dec 2022 20:12

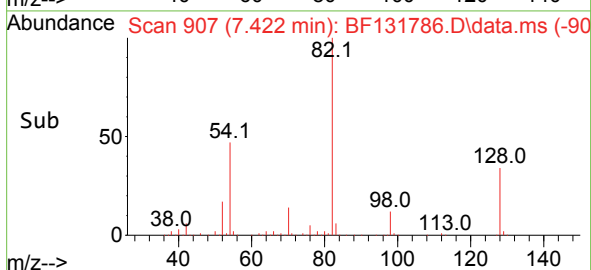
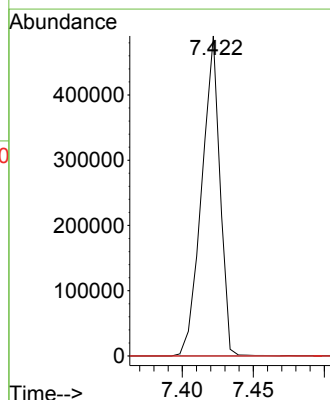
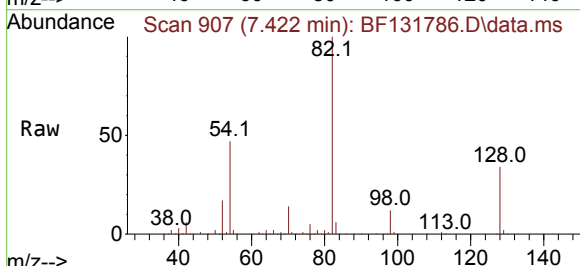
Tgt Ion: 82 Resp: 437713

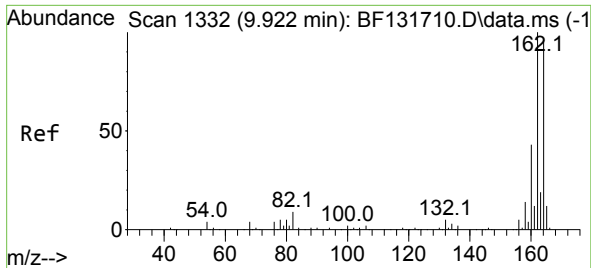
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

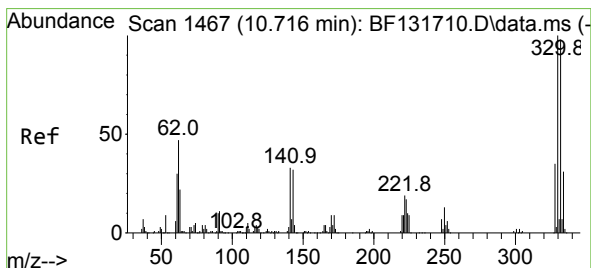
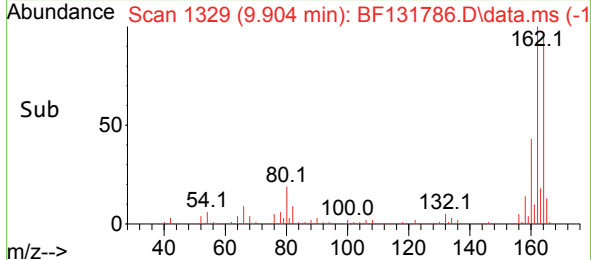
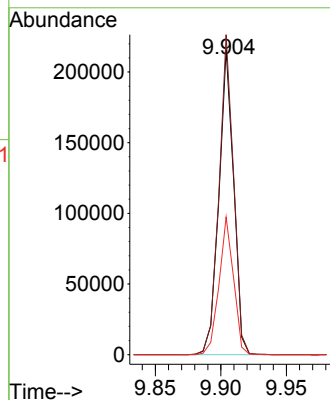
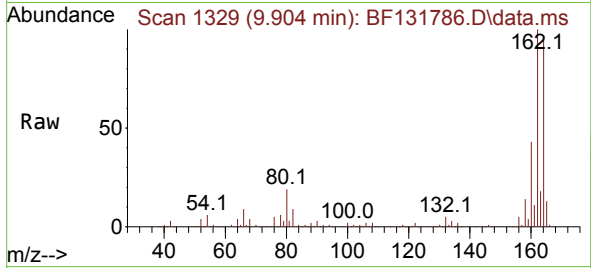




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

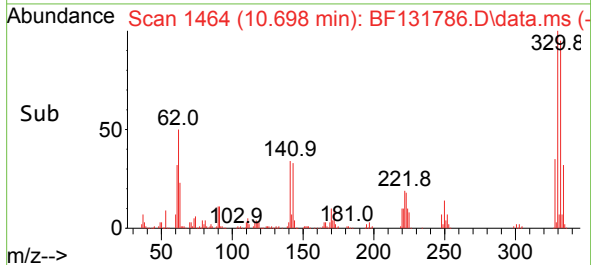
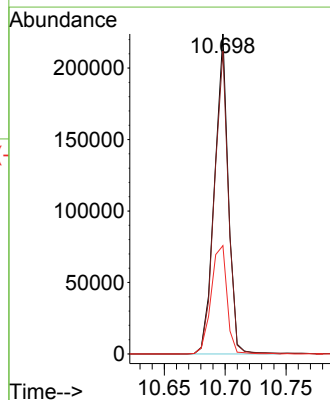
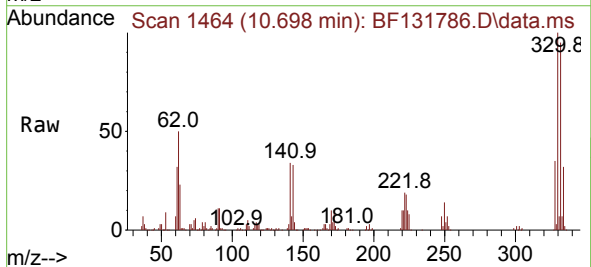
Instrument :
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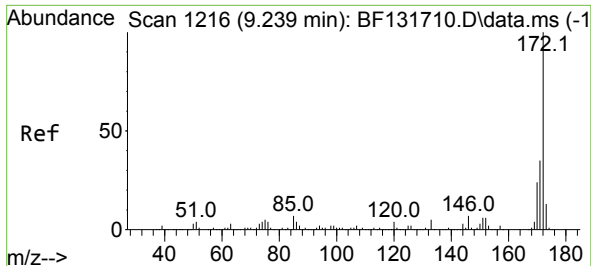
Tgt Ion:164 Resp: 168459
Ion Ratio Lower Upper
164 100
162 104.8 83.7 125.5
160 45.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 95.653 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Tgt Ion:330 Resp: 176370
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 39.2 30.4 45.6

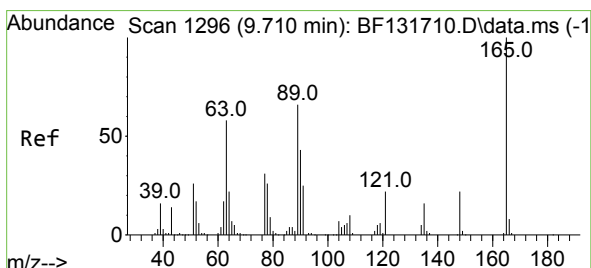
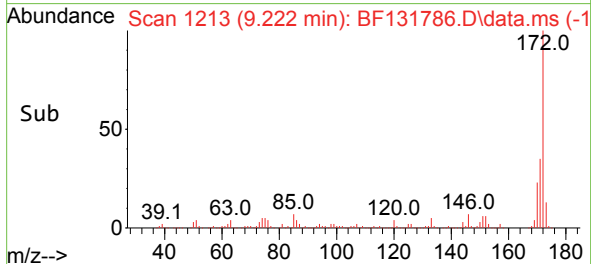
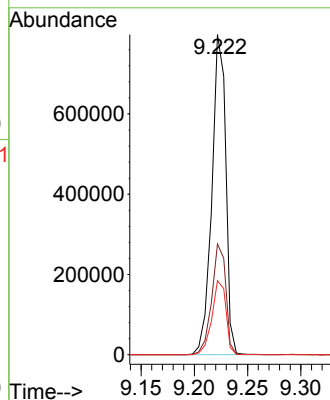
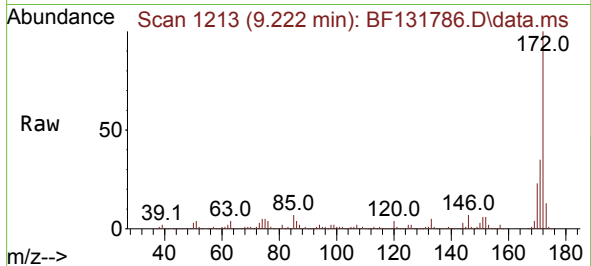




#45
2-Fluorobiphenyl
Concen: 60.198 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

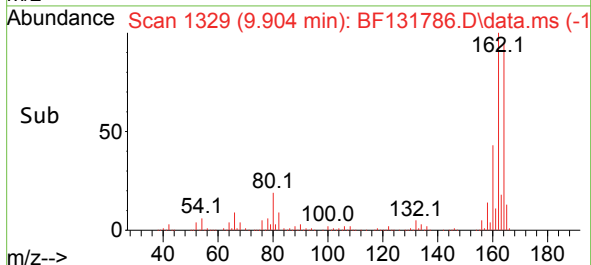
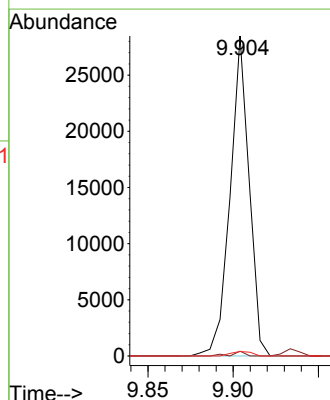
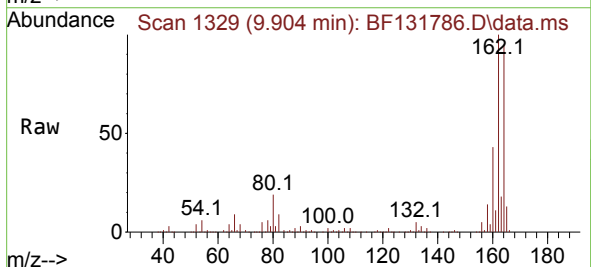
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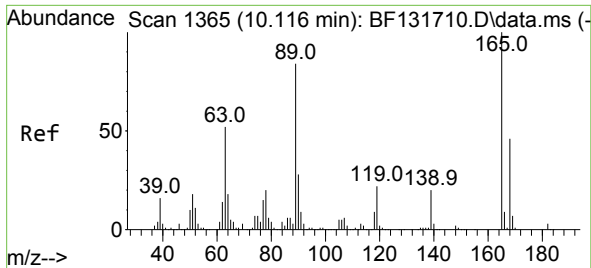
Tgt Ion:172 Resp: 723927
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

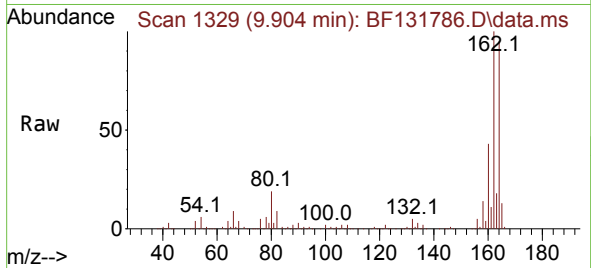
Tgt Ion:165 Resp: 22034
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.8#
89 1.4 53.2 79.8#



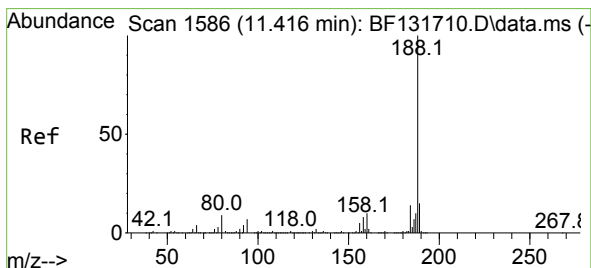
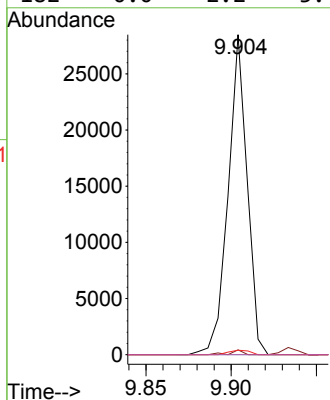
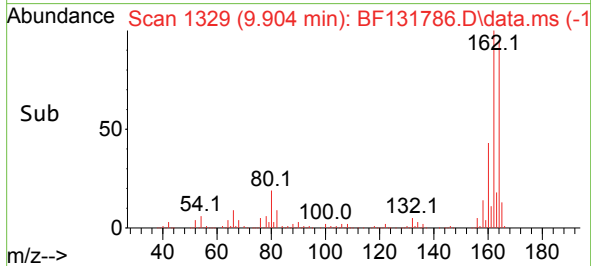


#57
2,4-Dinitrotoluene
Concen: 6.016 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Instrument :
BNA_F
ClientSampleId :
COMP-2

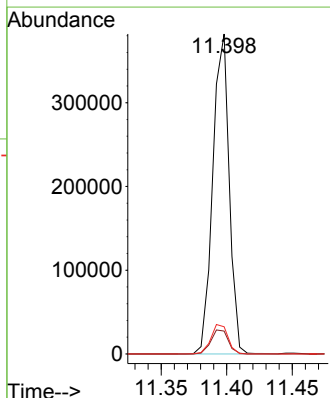
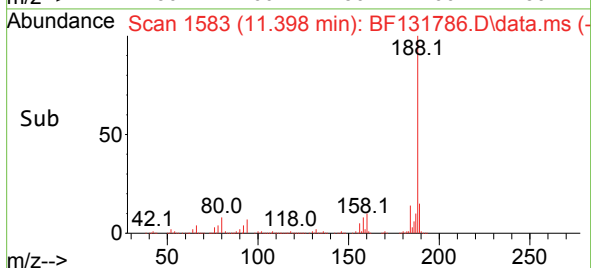
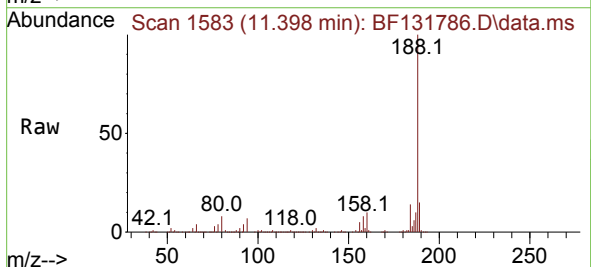


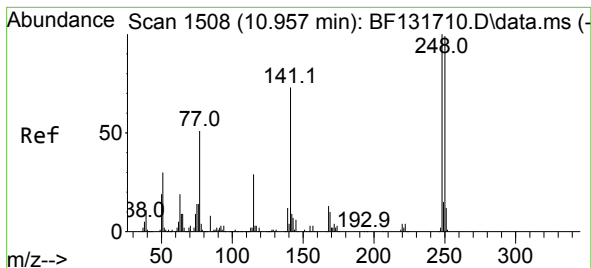
Tgt Ion:165 Resp: 22034
Ion Ratio Lower Upper
165 100
63 1.5 41.5 62.3#
89 1.4 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Tgt Ion:188 Resp: 332354
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.5 7.0 10.6

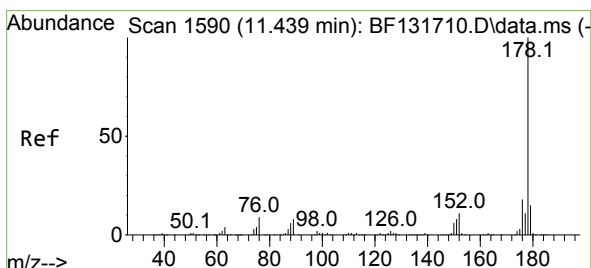
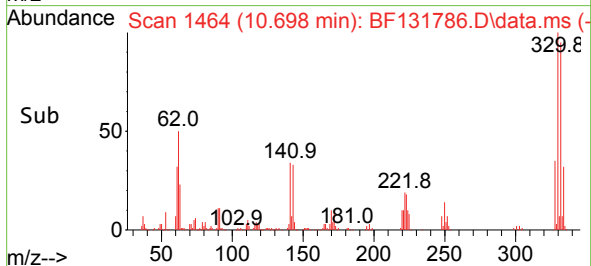
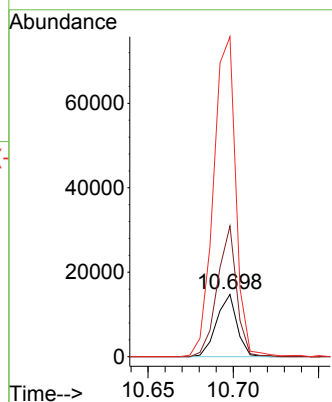
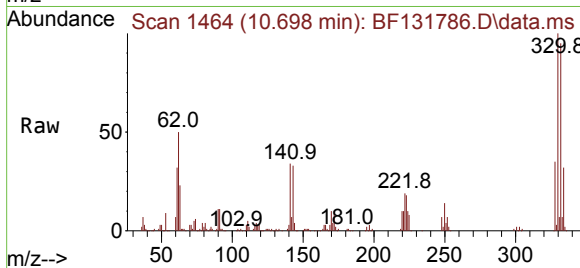




#67
4-Bromophenyl-phenylether
Concen: 3.136 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

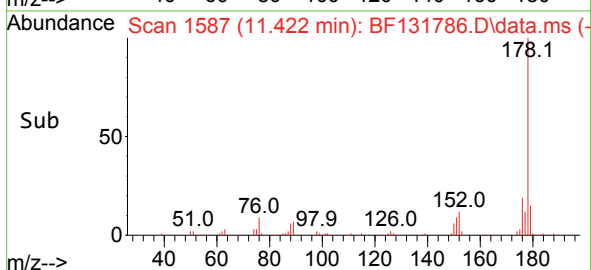
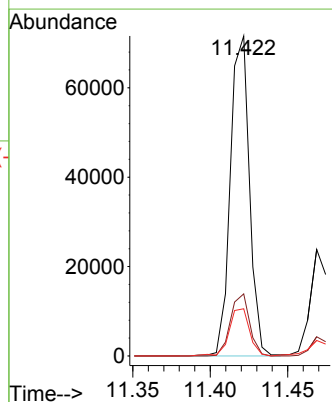
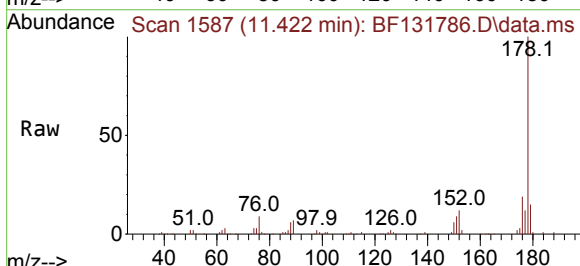
Instrument :
BNA_F
ClientSampleId :
COMP-2

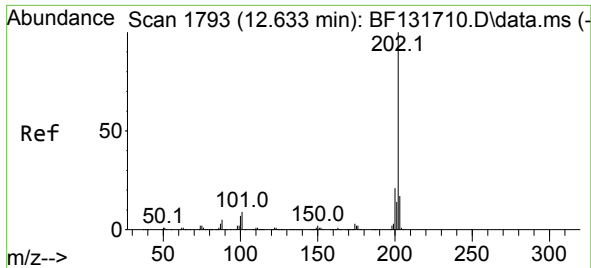
Tgt Ion:248 Resp: 12309
Ion Ratio Lower Upper
248 100
250 209.8 79.4 119.0#
141 513.7 58.1 87.1#



#71
Phenanthrene
Concen: 3.389 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Tgt Ion:178 Resp: 61426
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 14.8 12.2 18.4

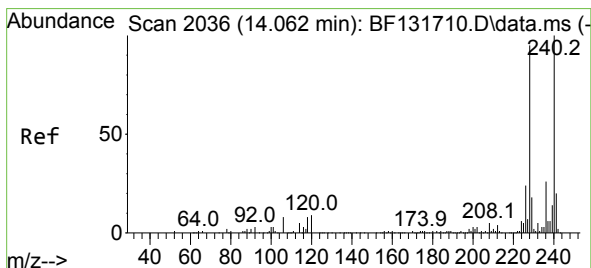
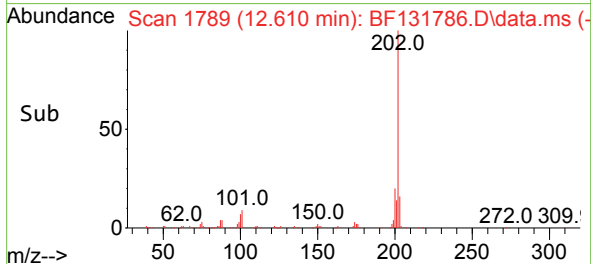
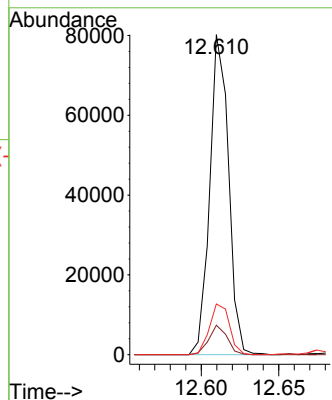
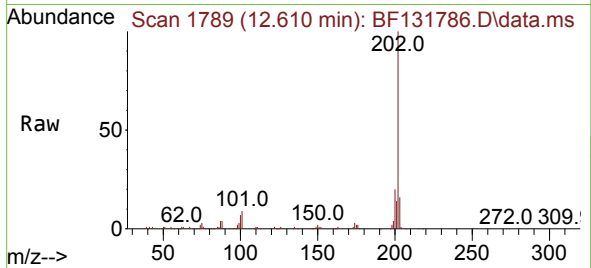




#75
Fluoranthene
Concen: 3.348 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

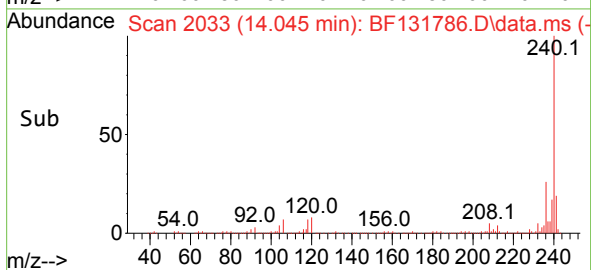
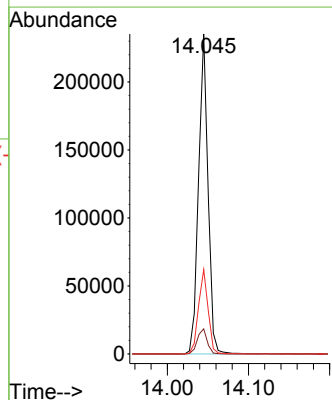
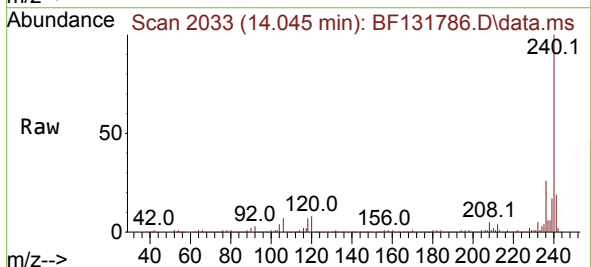
Instrument :
BNA_F
ClientSampleId :
COMP-2

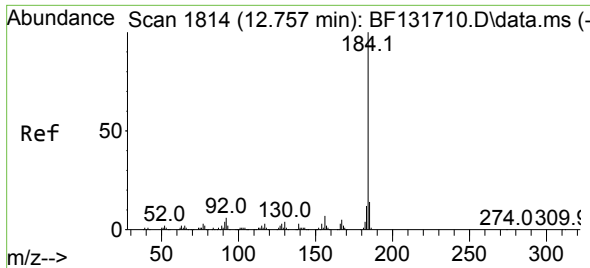
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.8
203	15.8	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.6	11.4
236	26.3	21.2	31.8

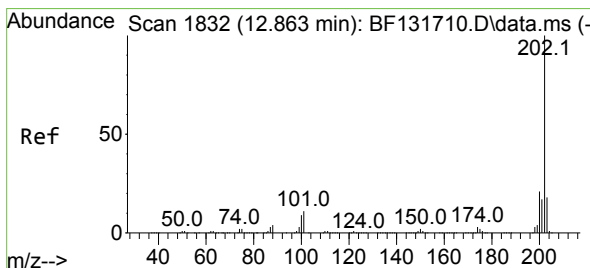
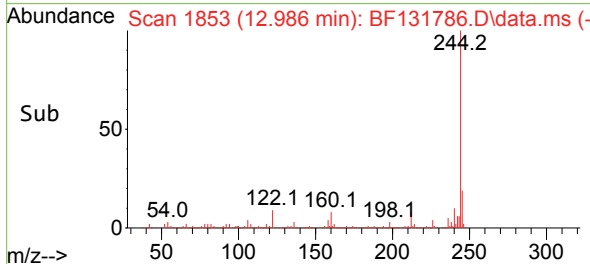
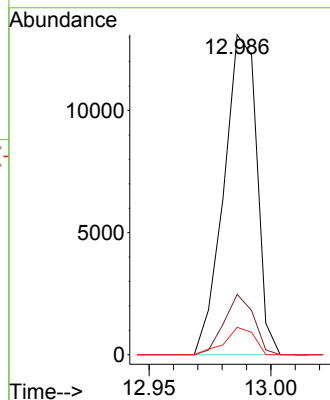
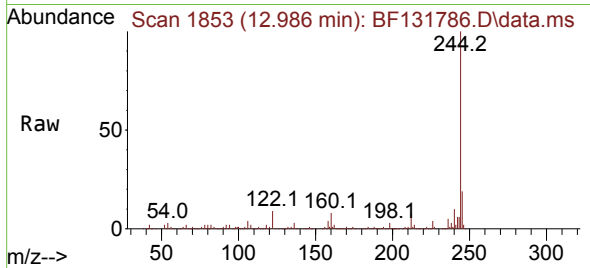




#77
Benzidine
Concen: 3.505 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

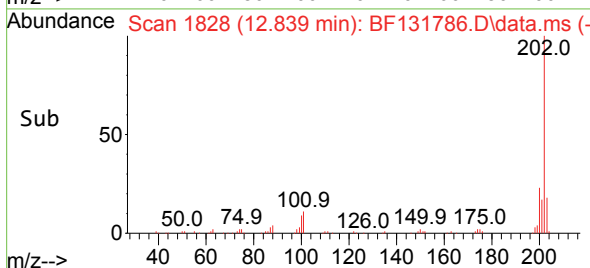
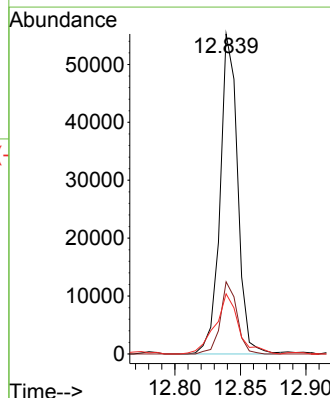
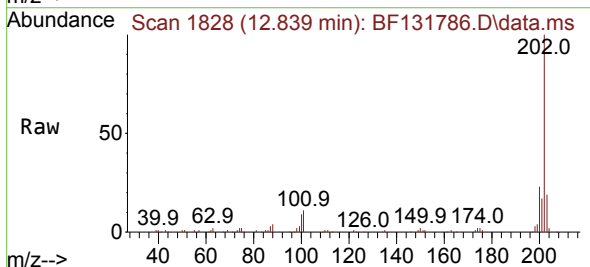
Instrument :
BNA_F
ClientSampleId :
COMP-2

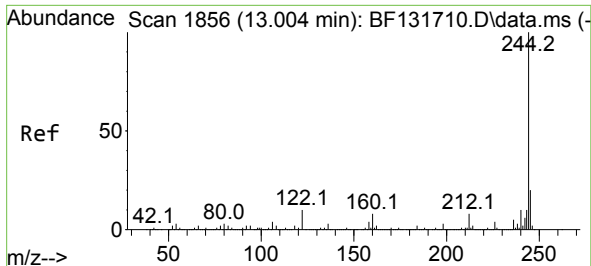
Tgt Ion:184 Resp: 12307
Ion Ratio Lower Upper
184 100
185 18.9 11.3 16.9#
183 8.6 9.3 13.9#



#78
Pyrene
Concen: 2.954 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF131786.D
Acq: 22 Dec 2022 20:12

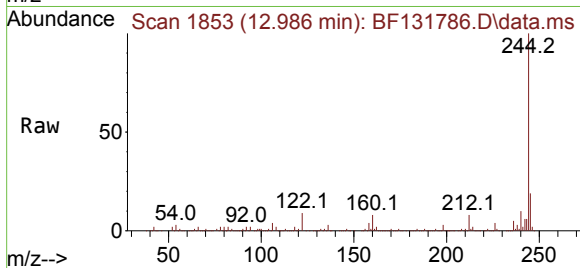
Tgt Ion:202 Resp: 51419
Ion Ratio Lower Upper
202 100
200 22.5 17.1 25.7
203 18.8 14.1 21.1



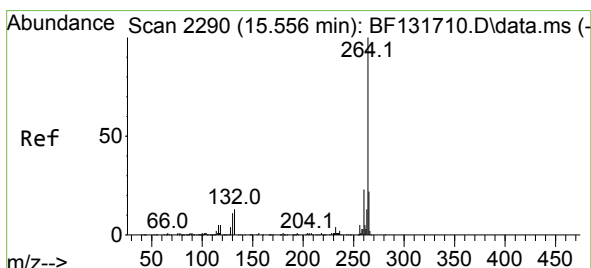
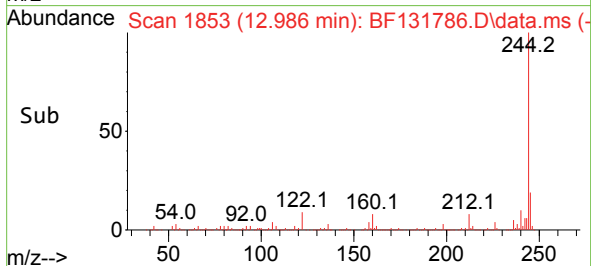
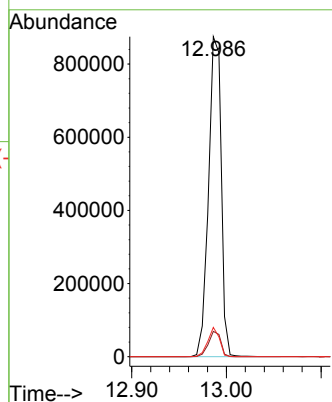


#79
 Terphenyl-d14
 Concen: 66.275 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131786.D
 Acq: 22 Dec 2022 20:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2



Tgt Ion:244 Resp: 814254
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF131786.D
 Acq: 22 Dec 2022 20:12

Tgt Ion:264 Resp: 159046
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.5 17.4 26.2

