

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131064.D
 Acq On : 08 Nov 2022 13:38
 Operator : CG\JU
 Sample : N5415-10RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-23

Quant Time: Nov 08 15:28:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

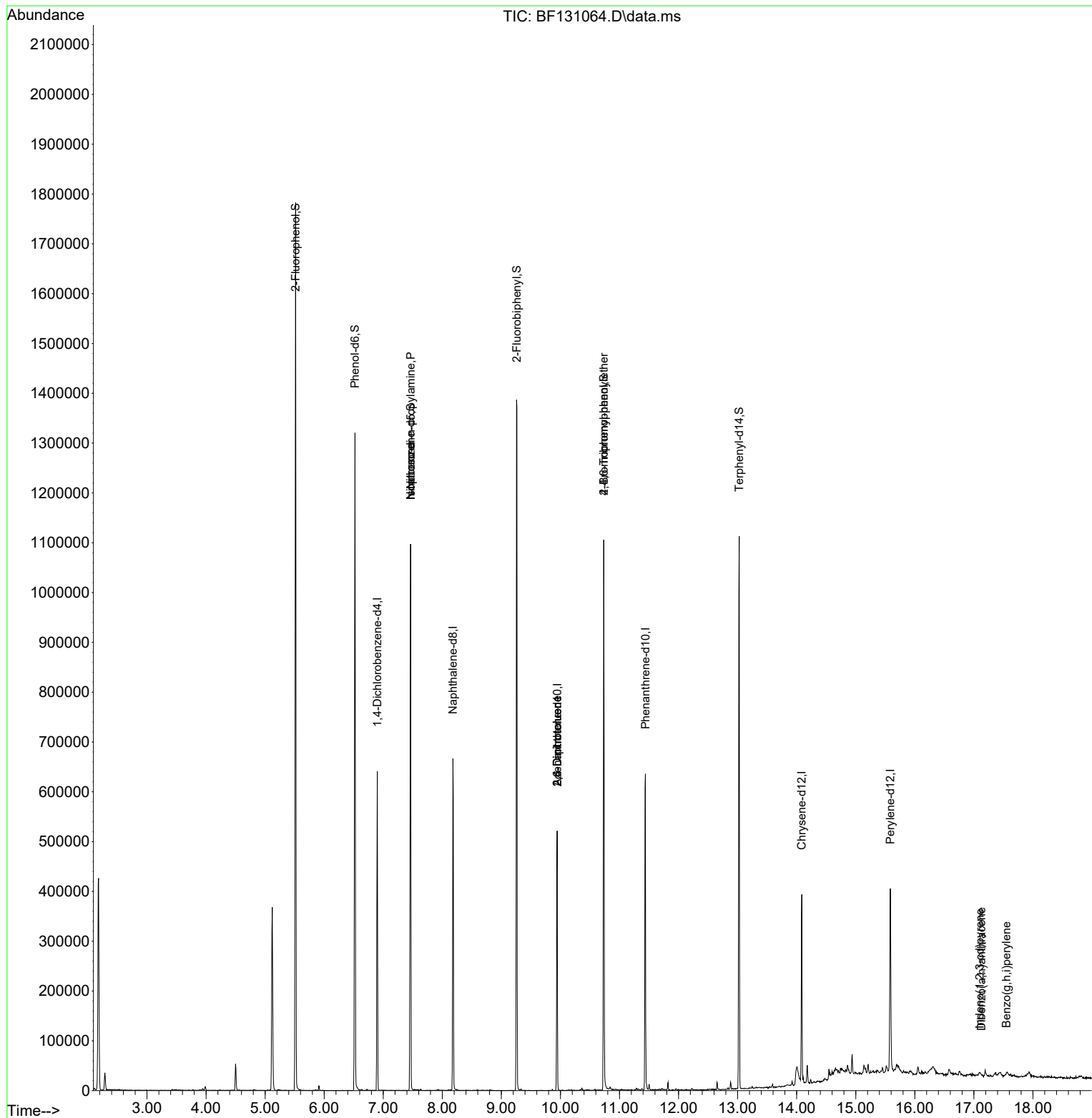
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	78364	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	282249	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	102130	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	229650	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	120566	20.000	ng	0.00
86) Perylene-d12	15.586	264	157428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	404121	83.156	ng	0.00
7) Phenol-d6	6.522	99	369913	62.362	ng	0.00
23) Nitrobenzene-d5	7.463	82	324716	53.327	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	118964	105.800	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	424285	56.617	ng	0.00
79) Terphenyl-d14	13.027	244	362172	48.161	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	44641	10.560	ng	# 76
25) Isophorone	7.463	82	324710	31.111	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	12945	7.710	ng	# 18
55) Dibenzofuran	10.139	168	78	Below Cal		# 42
57) 2,4-Dinitrotoluene	9.945	165	12945	5.934	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	7315	2.535	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.098	276	4188	3.617	ng	# 84
91) Dibenzo(a,h)anthracene	17.127	278	1346	3.422	ng	# 46
92) Benzo(g,h,i)perylene	17.551	276	4252	3.750	ng	# 76

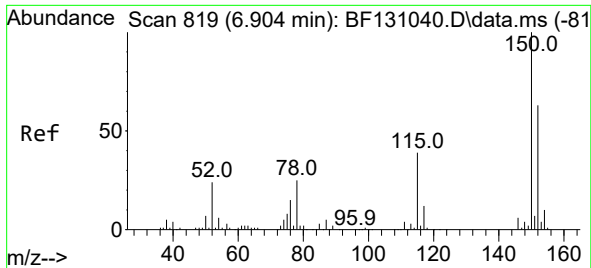
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
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Quant Time: Nov 08 15:28:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 01:40:43 2022
Response via : Initial Calibration

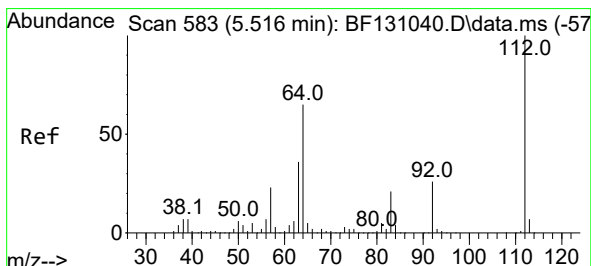
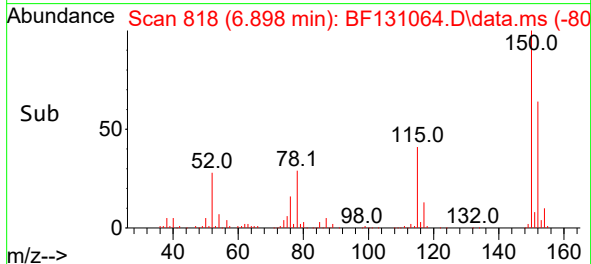
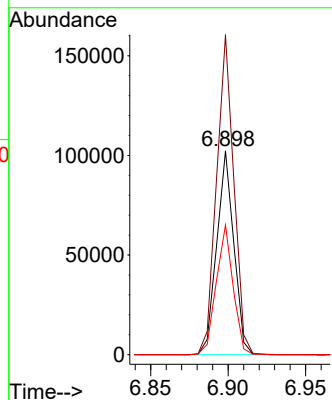
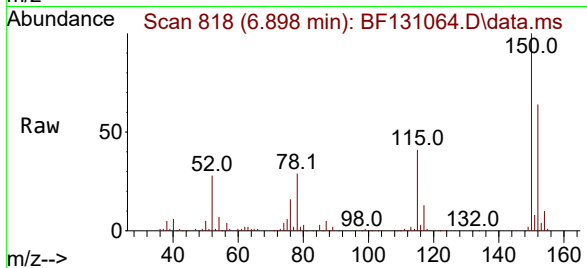




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

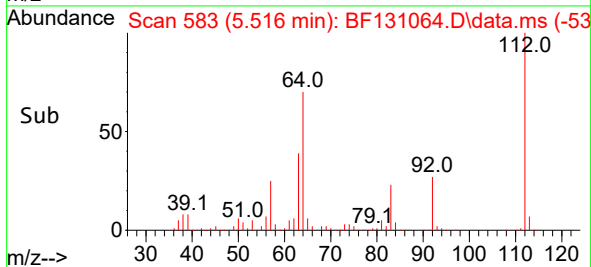
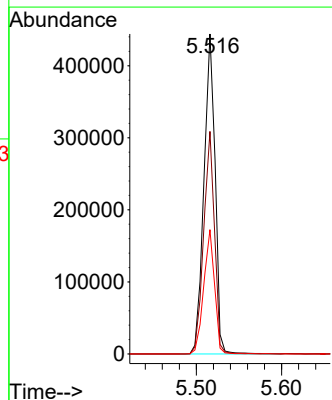
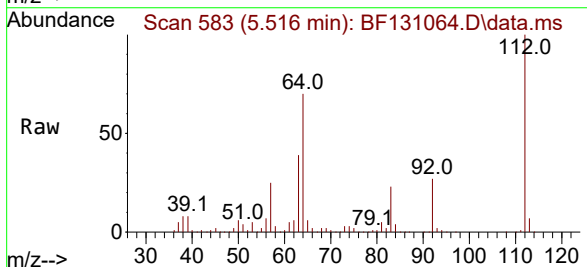
Instrument :
BNA_F
ClientSampleId :
R-23

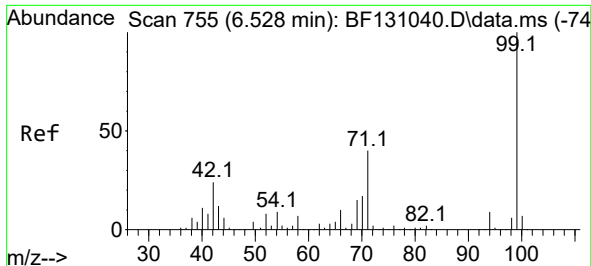
Tgt Ion:152 Resp: 78364
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 63.6 49.1 73.7



#5
2-Fluorophenol
Concen: 83.156 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.000 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

Tgt Ion:112 Resp: 404121
Ion Ratio Lower Upper
112 100
64 69.5 52.2 78.4
63 38.8 29.0 43.4

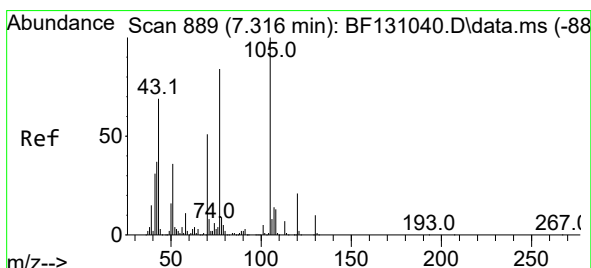
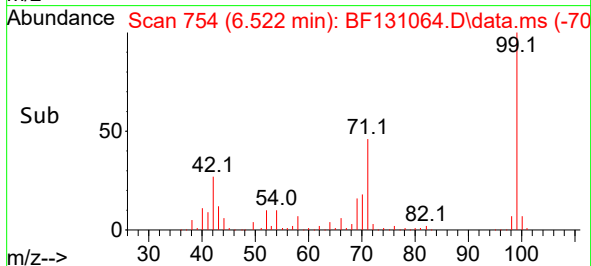
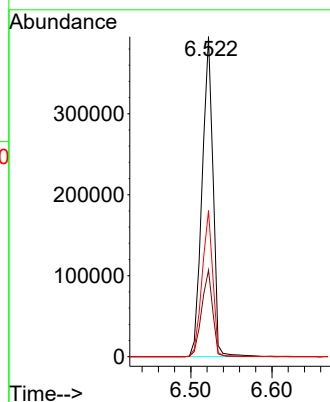
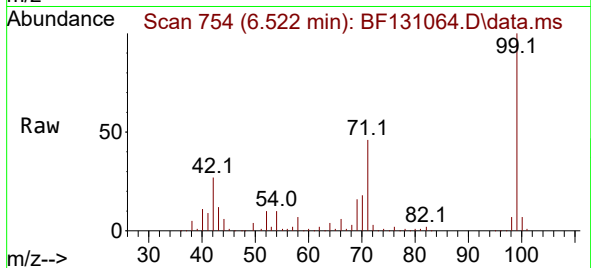




#7
Phenol-d6
Concen: 62.362 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

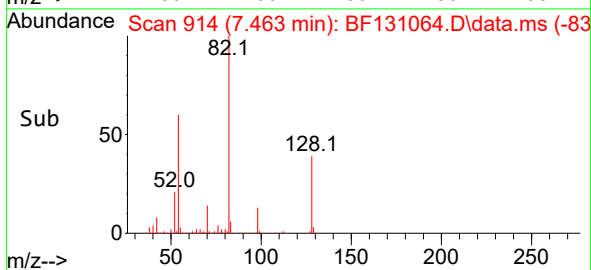
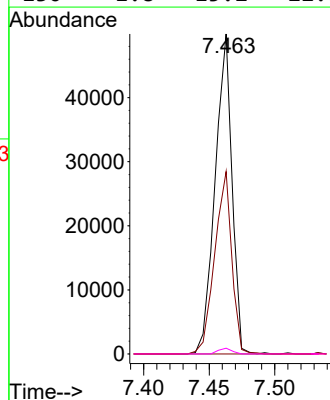
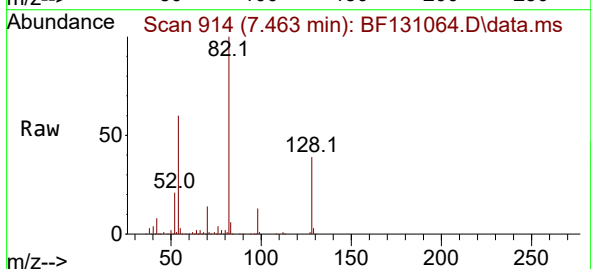
Instrument :
BNA_F
ClientSampleId :
R-23

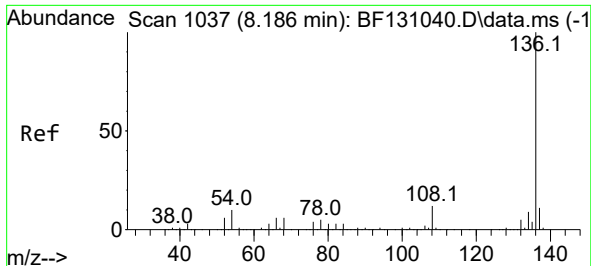
Tgt Ion: 99 Resp: 369913
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.0
71 45.6 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.560 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

Tgt Ion: 70 Resp: 44641
Ion Ratio Lower Upper
70 100
42 57.0 59.0 88.4#
101 0.0 8.0 12.0#
130 1.8 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

Instrument :

BNA_F

ClientSampleId :

R-23

Tgt Ion:136 Resp: 282249

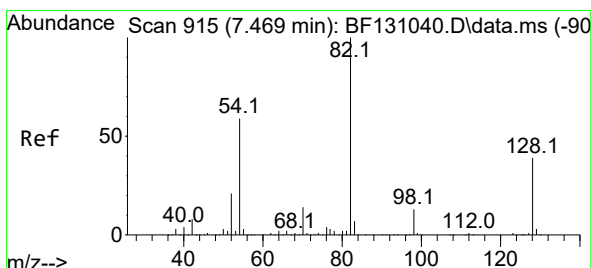
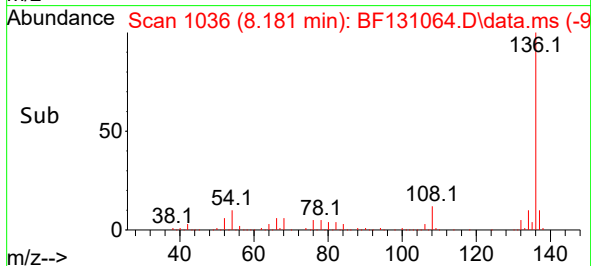
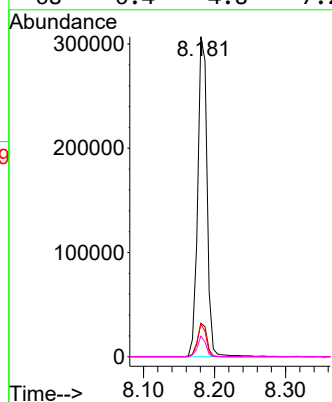
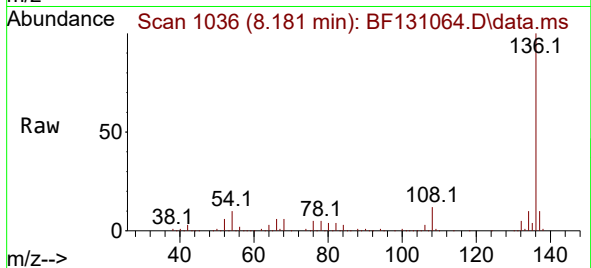
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 10.2 8.2 12.2

68 6.4 4.8 7.2



#23

Nitrobenzene-d5

Concen: 53.327 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

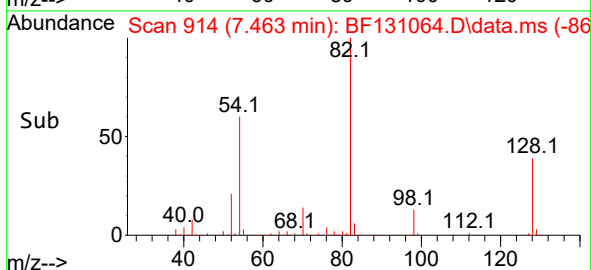
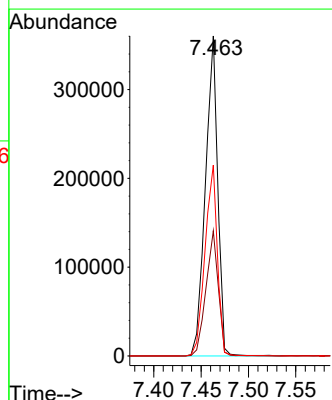
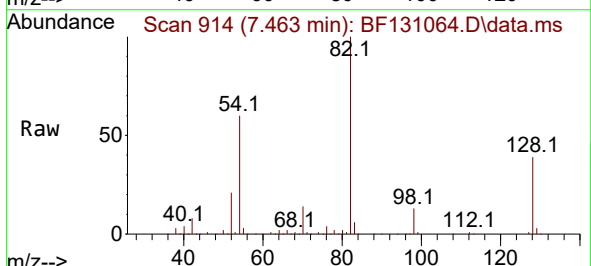
Tgt Ion: 82 Resp: 324716

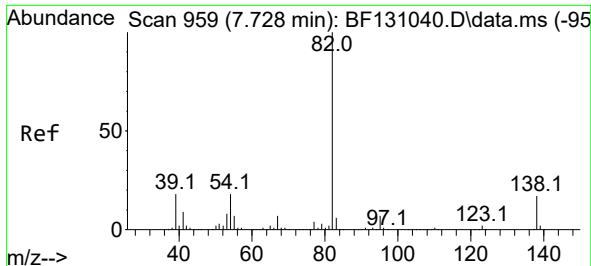
Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 59.6 47.2 70.8

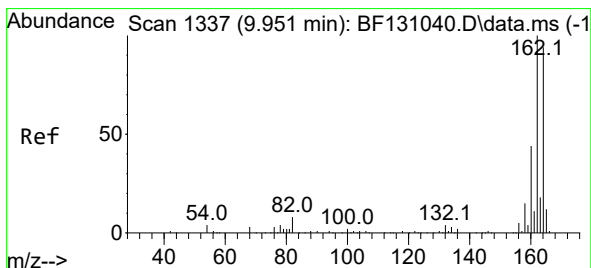
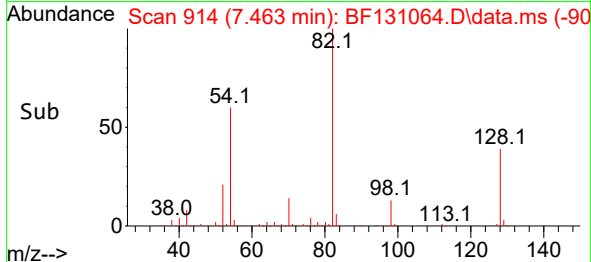
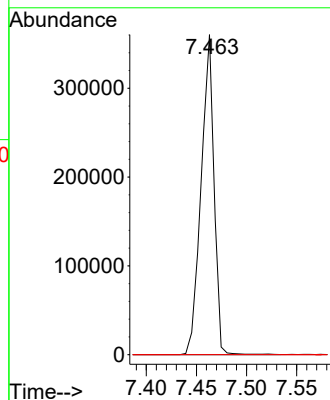
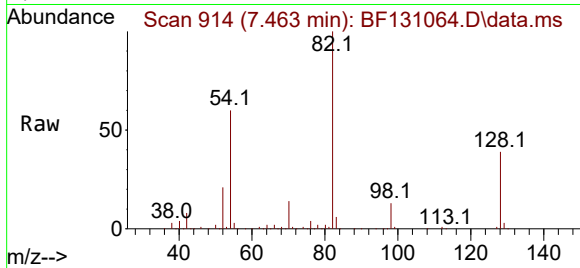




#25
Isophorone
Concen: 31.111 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

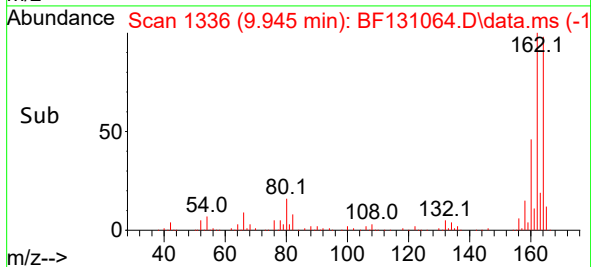
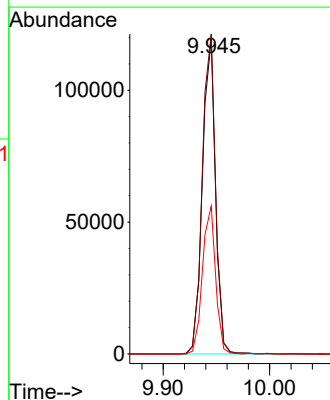
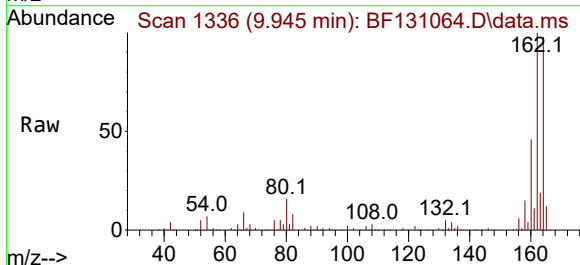
Instrument :
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R-23

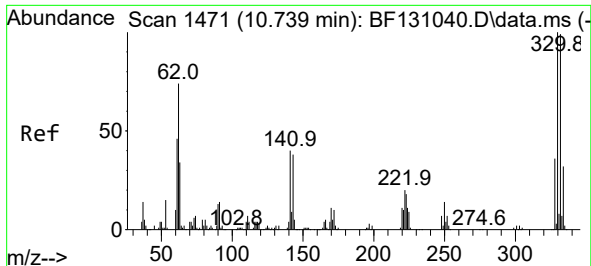
Tgt Ion: 82 Resp: 324710
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

Tgt Ion: 164 Resp: 102130
Ion Ratio Lower Upper
164 100
162 101.6 85.0 127.6
160 47.0 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 105.800 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

Instrument :

BNA_F

ClientSampleId :

R-23

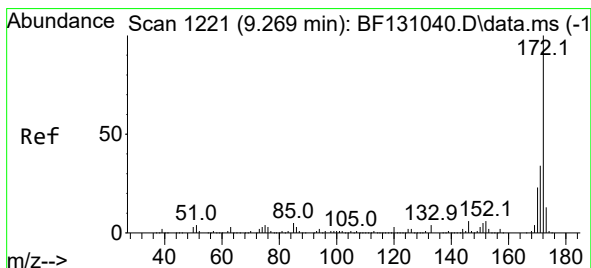
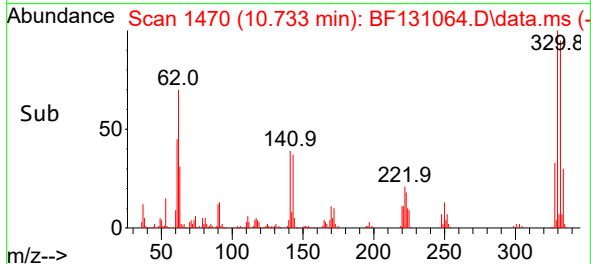
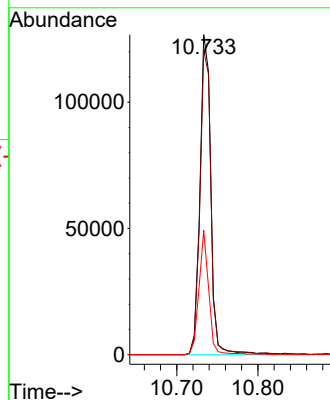
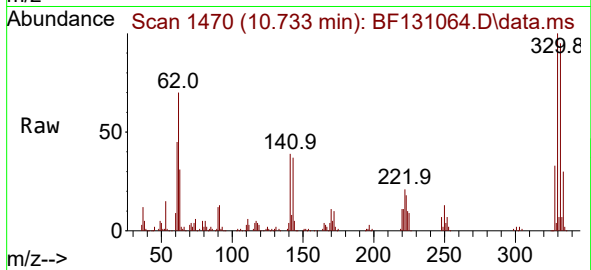
Tgt Ion:330 Resp: 118964

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 35.1 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 56.617 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

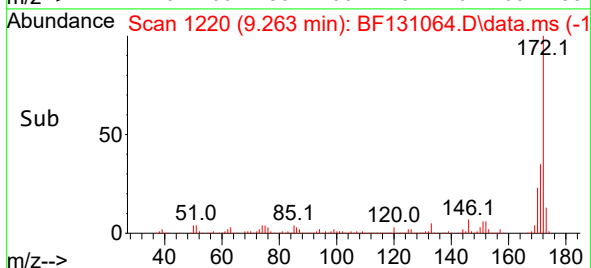
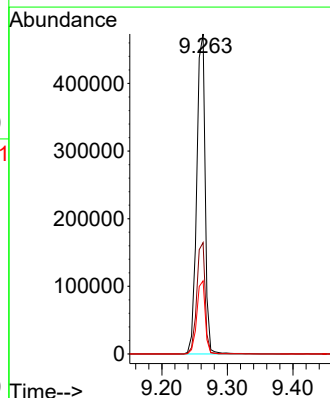
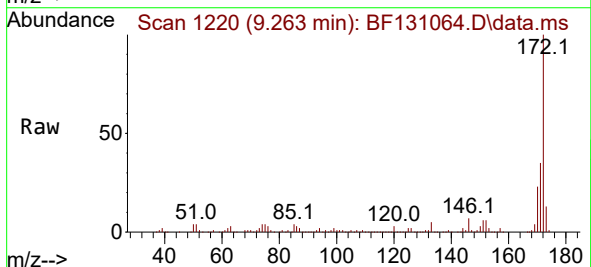
Tgt Ion:172 Resp: 424285

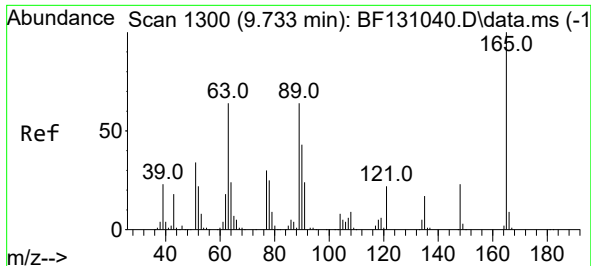
Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 22.8 18.4 27.6

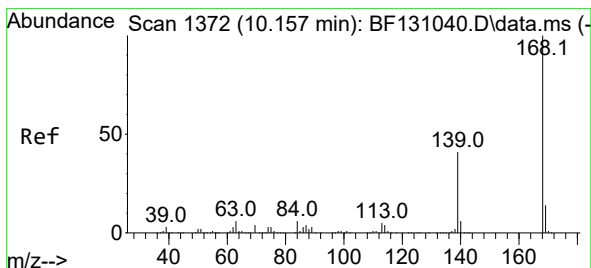
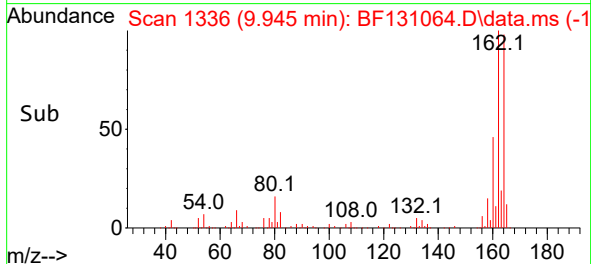
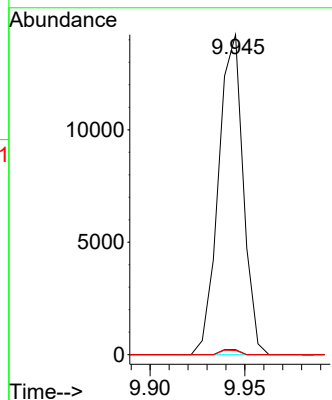
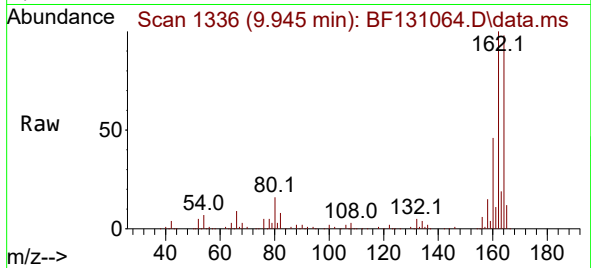




#51
2,6-Dinitrotoluene
Concen: 7.710 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

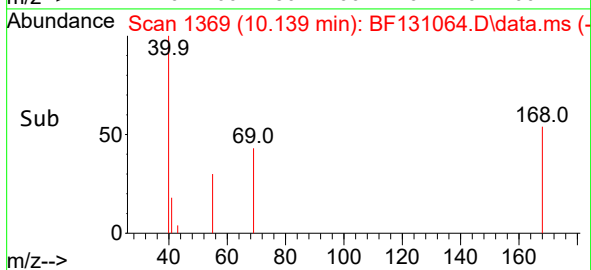
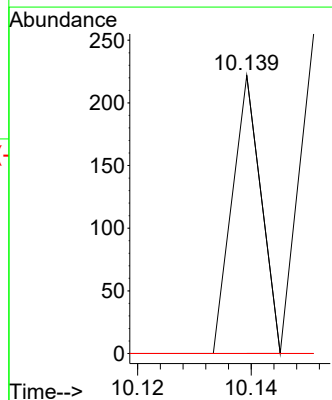
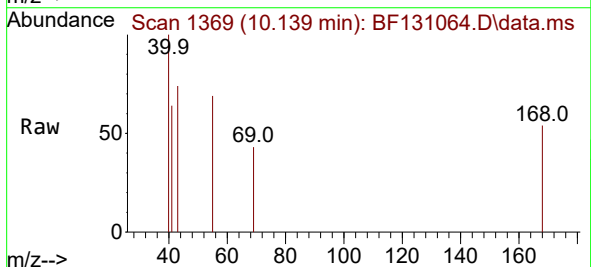
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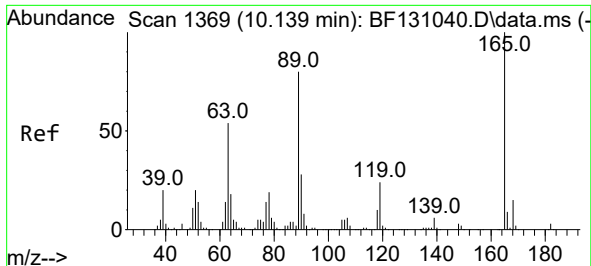
Tgt Ion:165 Resp: 12945
Ion Ratio Lower Upper
165 100
63 1.6 57.2 85.8#
89 1.3 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.139 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

Tgt Ion:168 Resp: 78
Ion Ratio Lower Upper
168 100
139 0.0 33.0 49.6#
169 0.0 11.3 16.9#

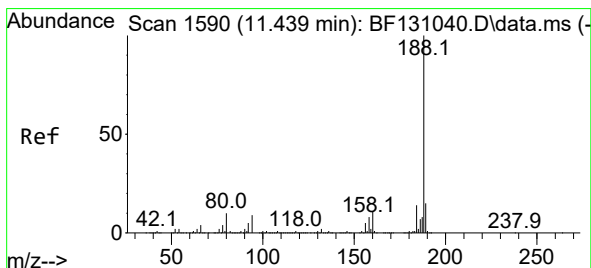
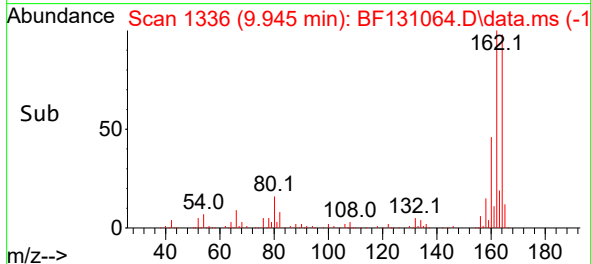
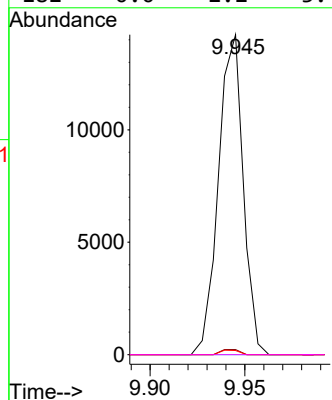
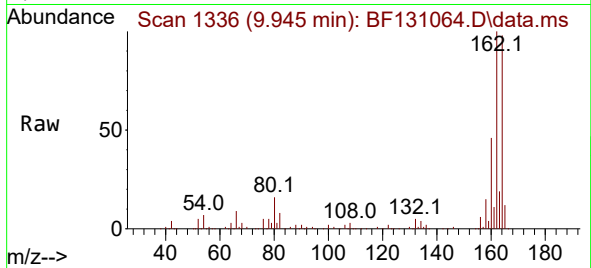




#57
2,4-Dinitrotoluene
Concen: 5.934 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

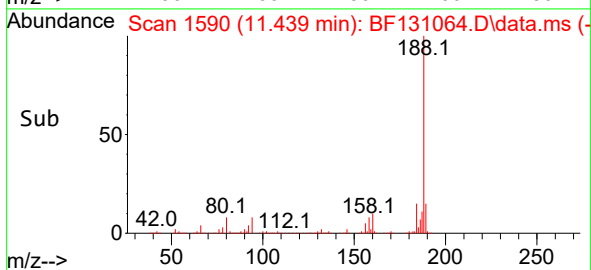
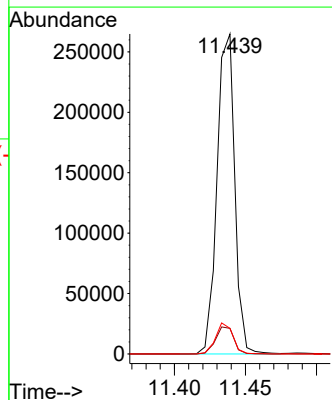
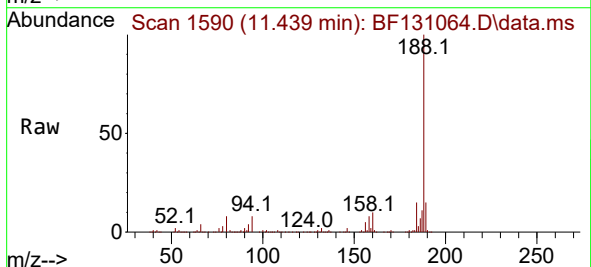
Instrument :
BNA_F
ClientSampleId :
R-23

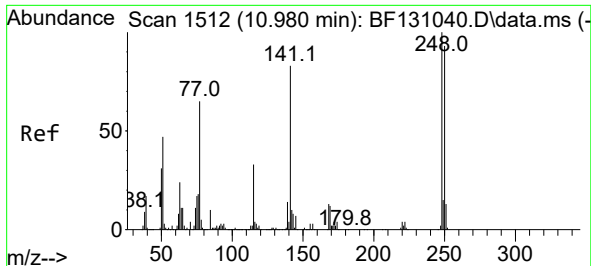
Tgt Ion:165 Resp: 12945
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.3 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

Tgt Ion:188 Resp: 229650
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.0 8.1 12.1#

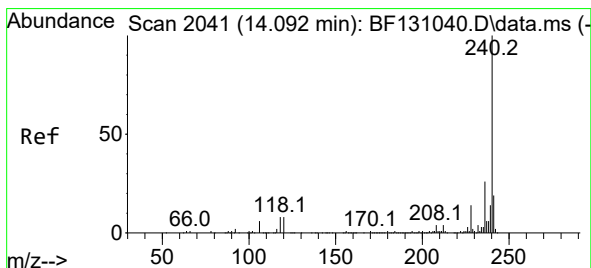
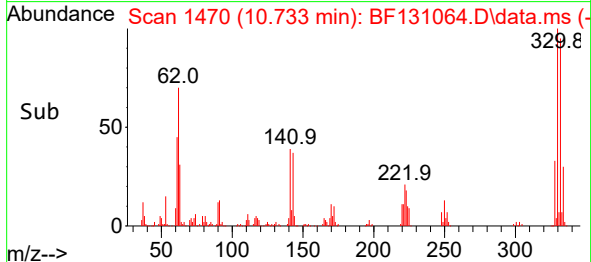
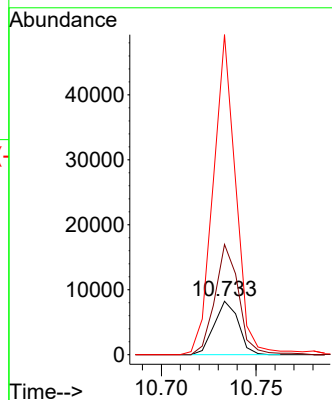
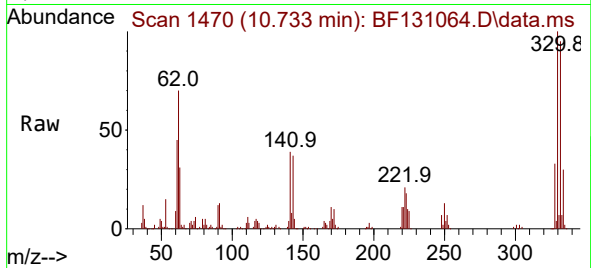




#67
4-Bromophenyl-phenylether
Concen: 2.535 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

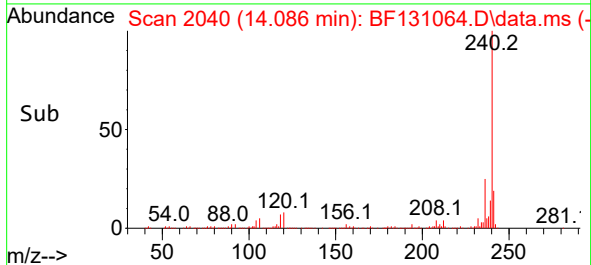
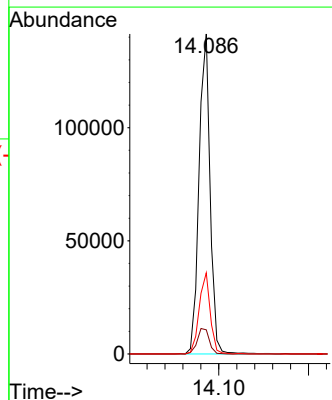
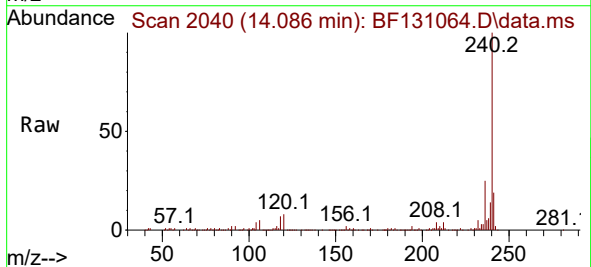
Instrument :
BNA_F
ClientSampleId :
R-23

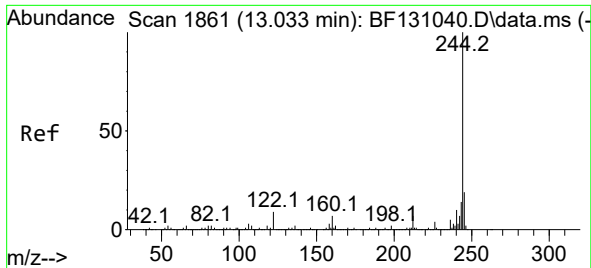
Tgt Ion:248 Resp: 7315
Ion Ratio Lower Upper
248 100
250 205.8 74.6 112.0#
141 597.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

Tgt Ion:240 Resp: 120566
Ion Ratio Lower Upper
240 100
120 7.6 6.7 10.1
236 25.4 20.8 31.2

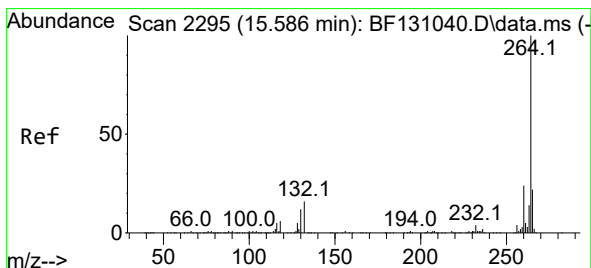
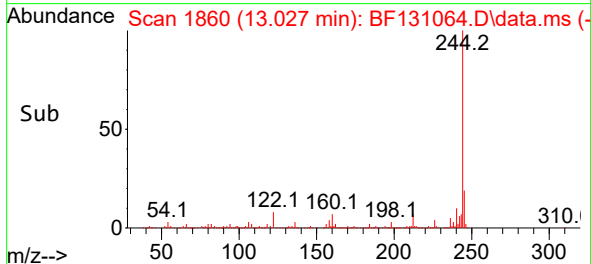
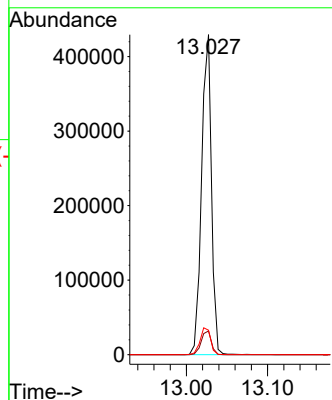
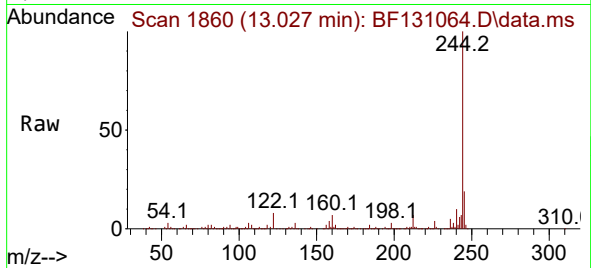




#79
 Terphenyl-d14
 Concen: 48.161 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131064.D
 Acq: 08 Nov 2022 13:38

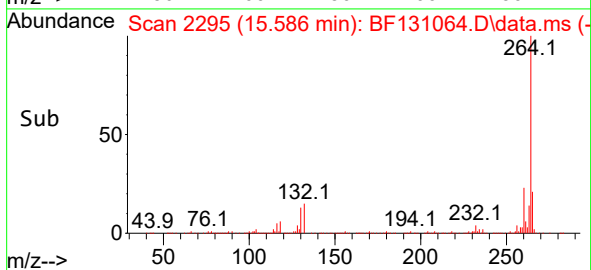
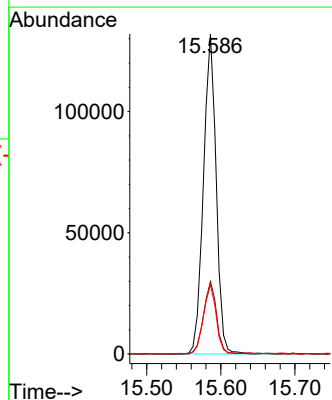
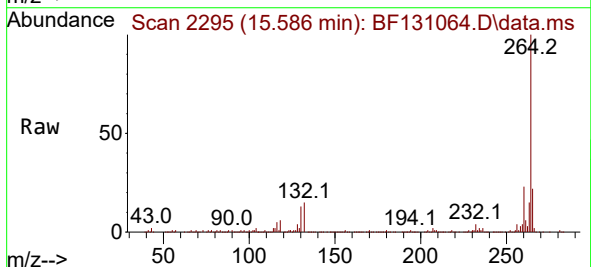
Instrument :
 BNA_F
 ClientSampleId :
 R-23

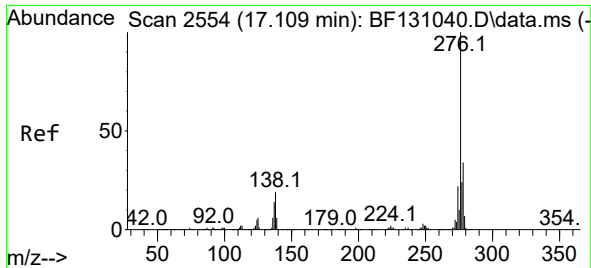
Tgt Ion:244 Resp: 362172
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 7.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131064.D
 Acq: 08 Nov 2022 13:38

Tgt Ion:264 Resp: 157428
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.8 28.2
 265 21.6 17.3 25.9

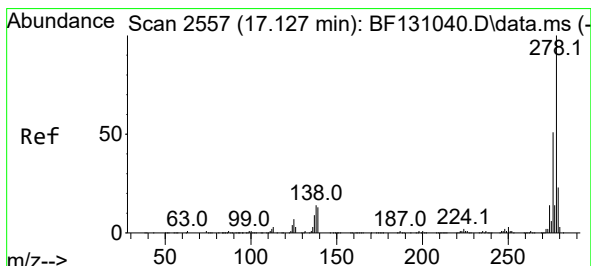
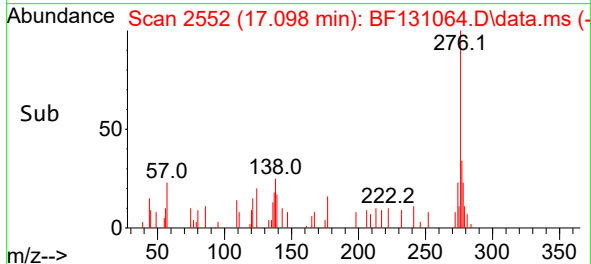
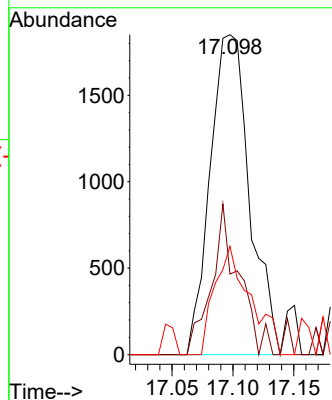
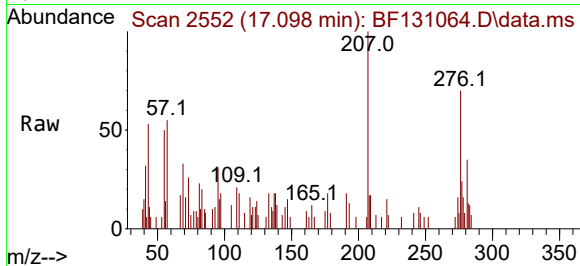




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.617 ng
 RT: 17.098 min Scan# 2554
 Delta R.T. -0.011 min
 Lab File: BF131064.D
 Acq: 08 Nov 2022 13:38

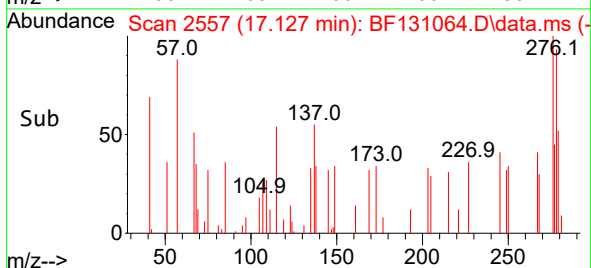
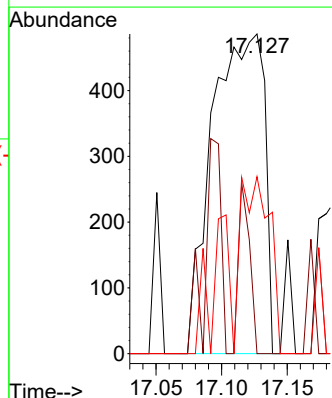
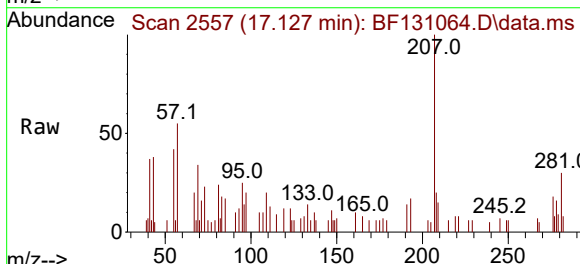
Instrument :
 BNA_F
 ClientSampleId :
 R-23

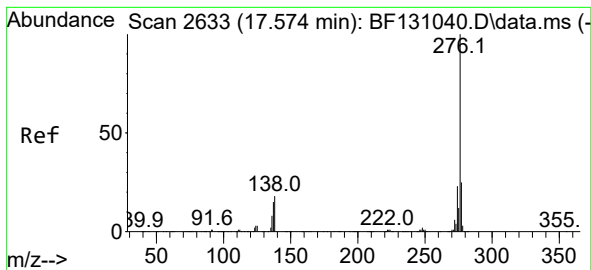
Tgt Ion:276 Resp: 4188
 Ion Ratio Lower Upper
 276 100
 138 32.7 17.3 25.9#
 277 30.4 20.2 30.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.422 ng
 RT: 17.127 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BF131064.D
 Acq: 08 Nov 2022 13:38

Tgt Ion:278 Resp: 1346
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 55.3 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 3.750 ng

RT: 17.551 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF131064.D

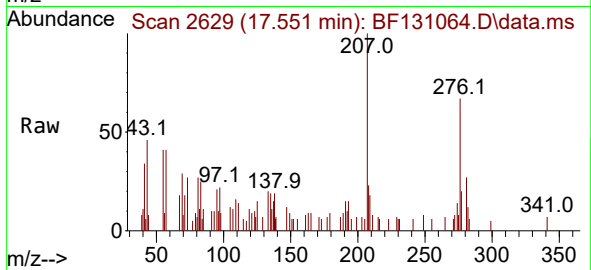
Acq: 08 Nov 2022 13:38

Instrument :

BNA_F

ClientSampleId :

R-23



Tgt Ion: 276 Resp: 4252

Ion Ratio Lower Upper

276 100

277 30.2 20.0 30.0#

138 37.5 14.8 22.2#

