

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131049.D
 Acq On : 07 Nov 2022 18:18
 Operator : CG\JU
 Sample : N5415-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-15

Quant Time: Nov 08 02:17:21 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)

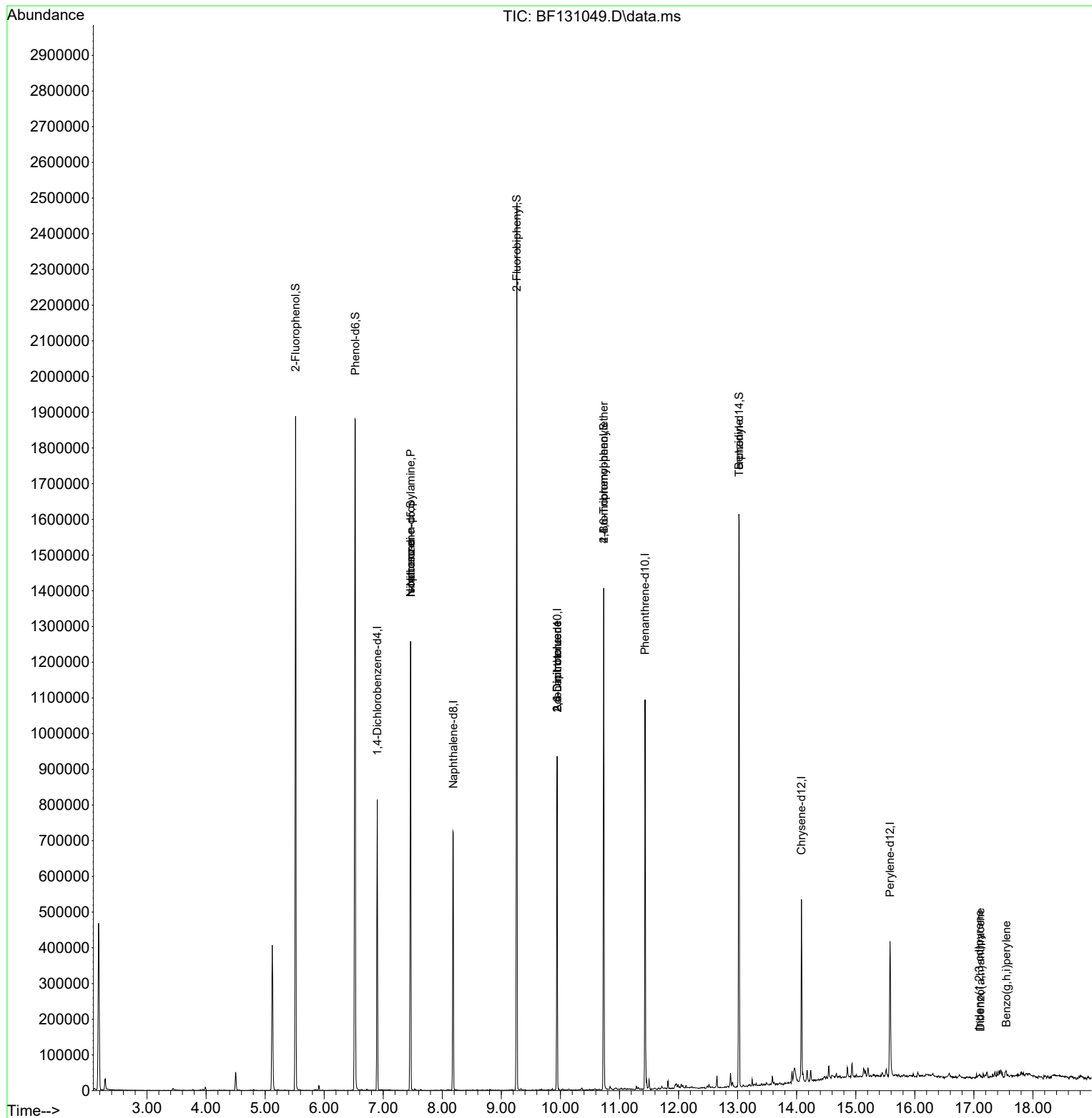
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	100583	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	317709	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	174033	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	357609	20.000	ng	0.00
76) Chrysene-d12	14.080	240	156128	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	167538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	449253	72.022	ng	0.00
7) Phenol-d6	6.528	99	658847	86.537	ng	0.00
23) Nitrobenzene-d5	7.463	82	372040	54.280	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	144425	75.376	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	673464	52.738	ng	0.00
79) Terphenyl-d14	13.027	244	563415	57.856	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	52411	9.660	ng	# 76
25) Isophorone	7.463	82	370389	31.527	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	22723	7.942	ng	# 17
55) Dibenzofuran	10.151	168	406	Below Cal		# 82
57) 2,4-Dinitrotoluene	9.945	165	22723	6.113	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	9292	2.068	ng	# 1
77) Benzidine	13.021	184	9350	2.220	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.092	276	5299	3.673	ng	# 90
91) Dibenzo(a,h)anthracene	17.109	278	2130	3.479	ng	# 78
92) Benzo(g,h,i)perylene	17.551	276	5752	3.847	ng	# 92

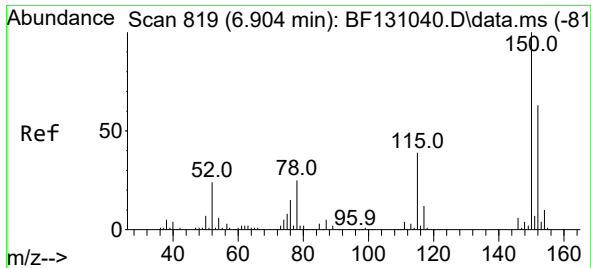
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
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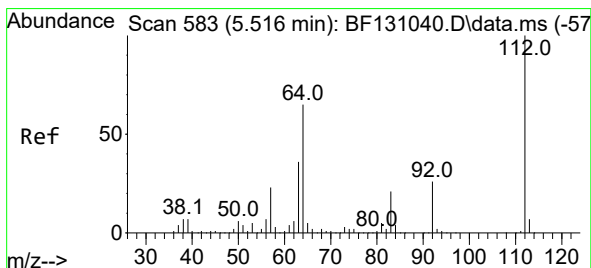
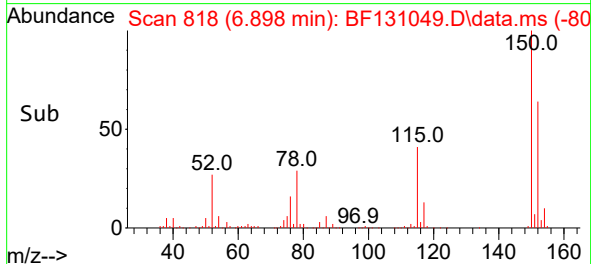
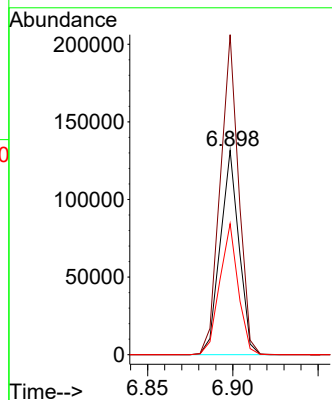
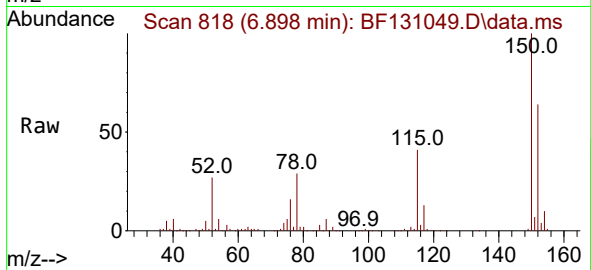




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131049.D
 Acq: 07 Nov 2022 18:18

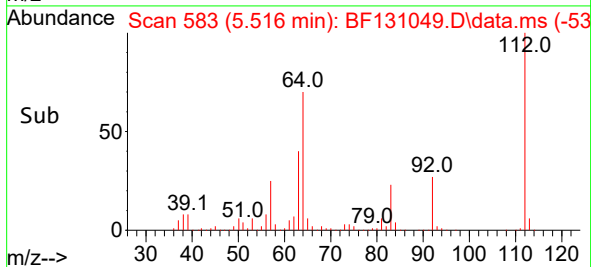
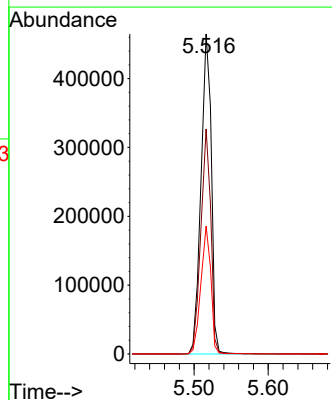
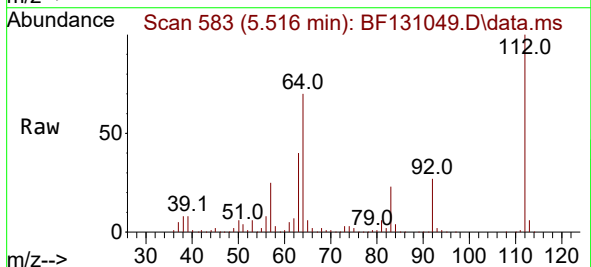
Instrument :
 BNA_F
 ClientSampleId :
 R-15

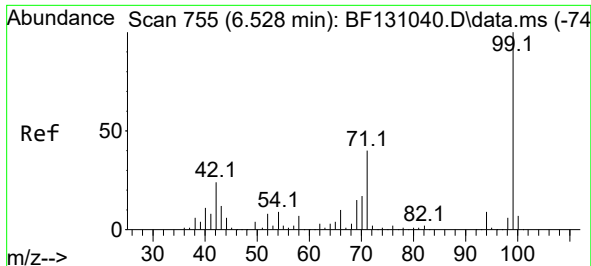
Tgt Ion:152 Resp: 100583
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.6 189.8
 115 64.2 49.1 73.7



#5
 2-Fluorophenol
 Concen: 72.022 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.000 min
 Lab File: BF131049.D
 Acq: 07 Nov 2022 18:18

Tgt Ion:112 Resp: 449253
 Ion Ratio Lower Upper
 112 100
 64 70.3 52.2 78.4
 63 40.0 29.0 43.4

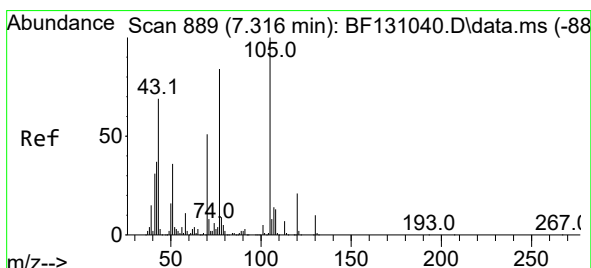
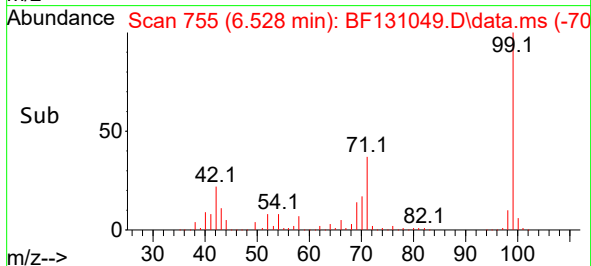
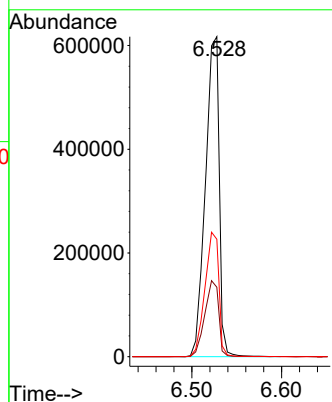
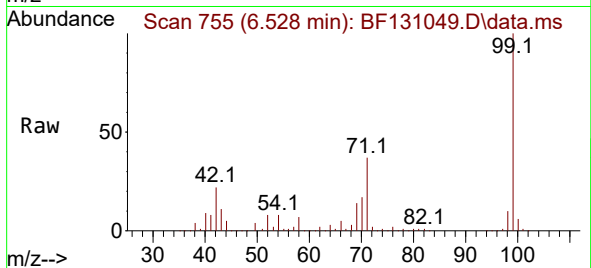




#7
Phenol-d6
Concen: 86.537 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

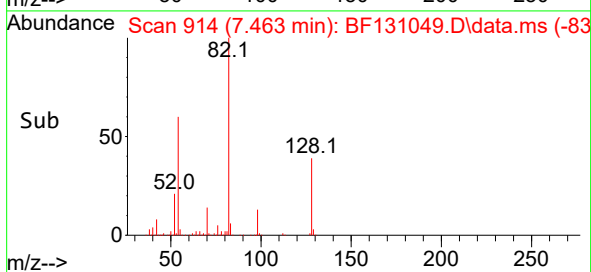
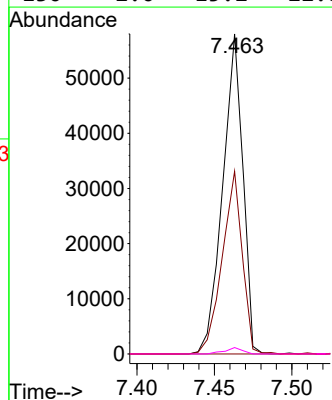
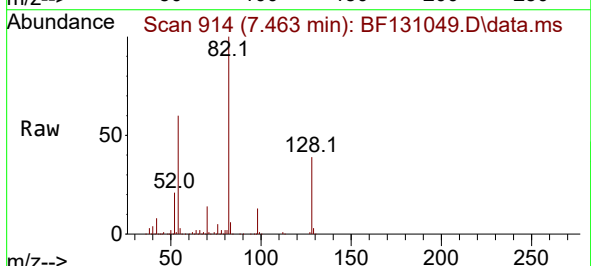
Instrument :
BNA_F
ClientSampleId :
R-15

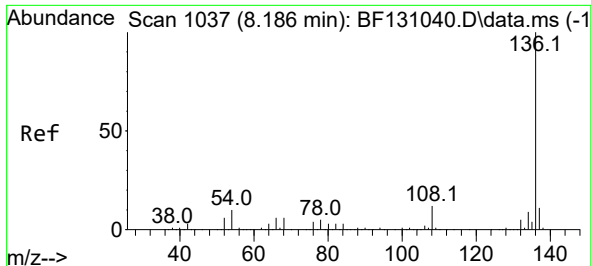
Tgt Ion: 99 Resp: 658847
Ion Ratio Lower Upper
99 100
42 21.7 19.4 29.0
71 36.7 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.660 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion: 70 Resp: 52411
Ion Ratio Lower Upper
70 100
42 57.1 59.0 88.4#
101 0.0 8.0 12.0#
130 2.0 15.2 22.8#

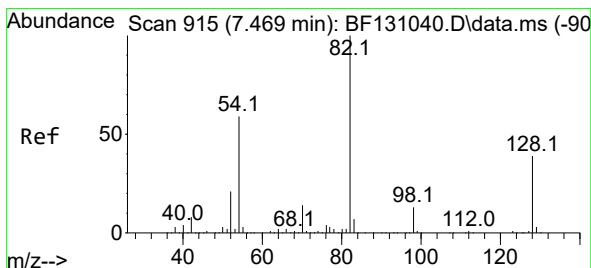
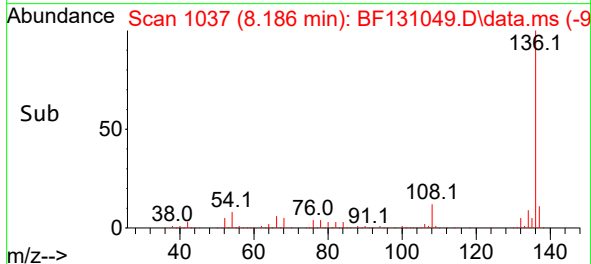
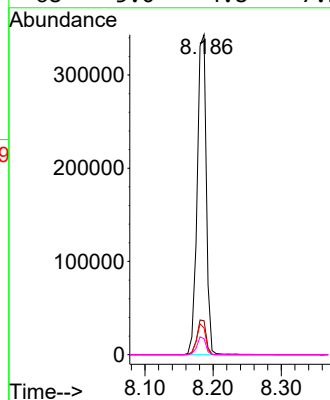
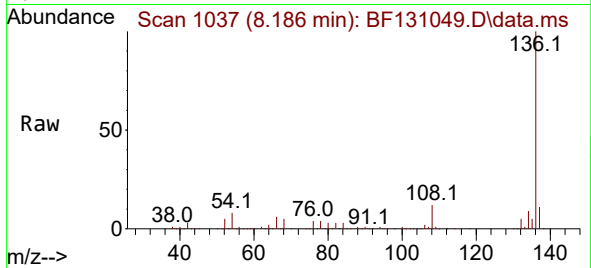




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

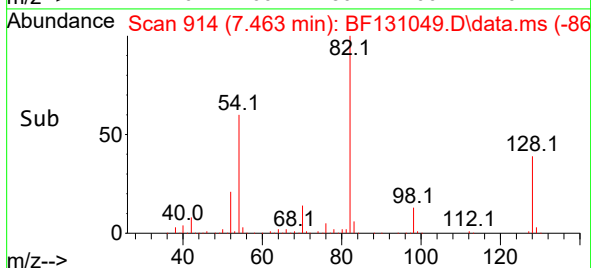
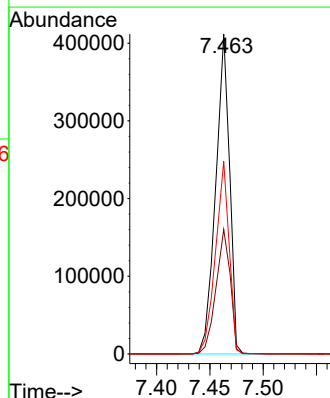
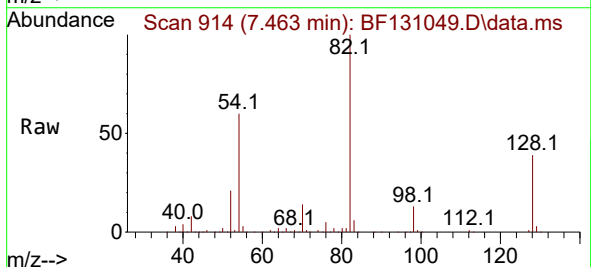
Instrument :
BNA_F
ClientSampleId :
R-15

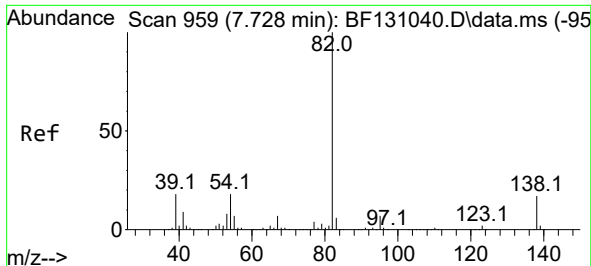
Tgt Ion:	136	Resp:	317709
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.4	8.2	12.2
68	5.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 54.280 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:	82	Resp:	372040
Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.3	46.9
54	60.2	47.2	70.8

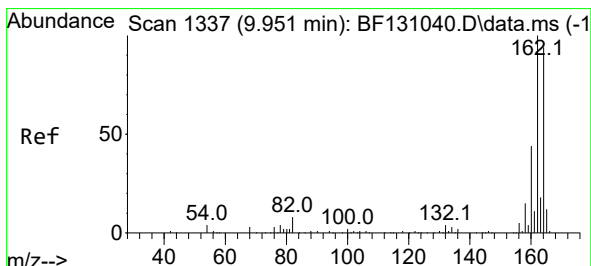
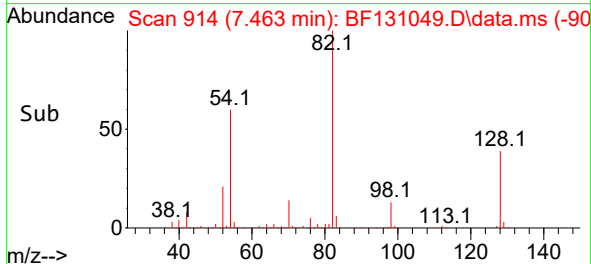
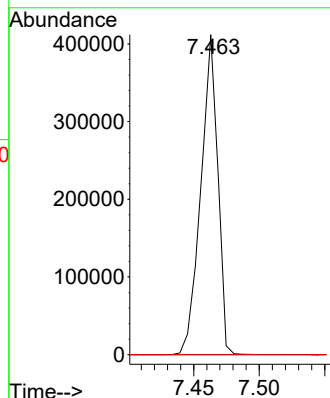
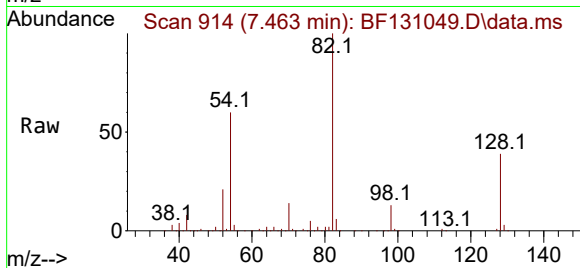




#25
Isophorone
Concen: 31.527 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

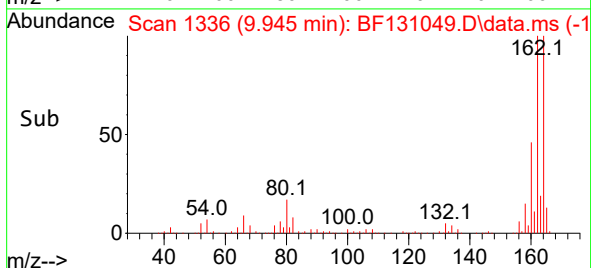
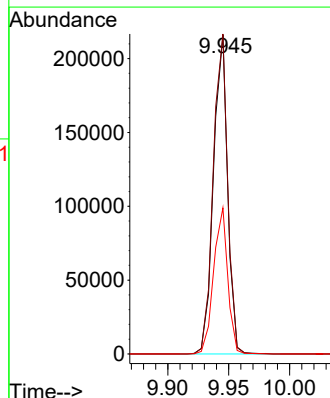
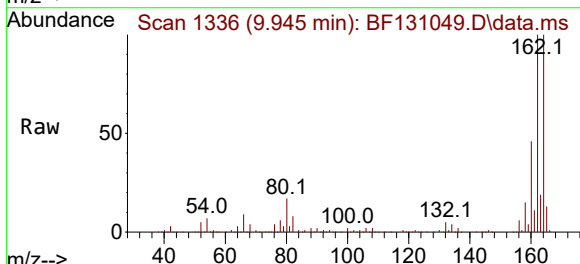
Instrument :
BNA_F
ClientSampleId :
R-15

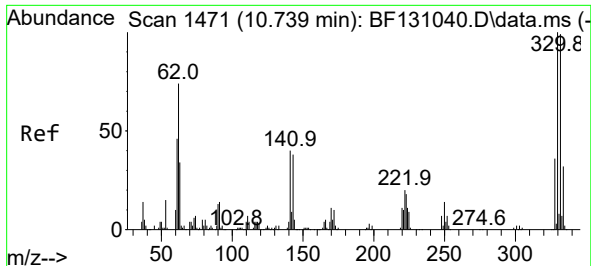
Tgt Ion: 82 Resp: 370389
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:164 Resp: 174033
Ion Ratio Lower Upper
164 100
162 100.3 85.0 127.6
160 45.8 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 75.376 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

Instrument :

BNA_F

ClientSampleId :

R-15

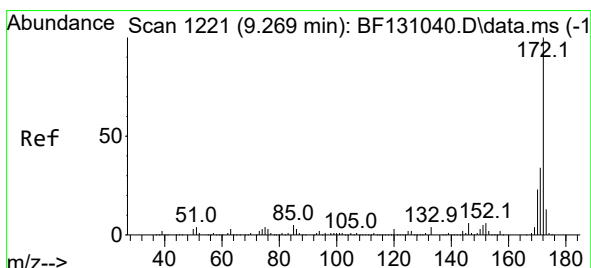
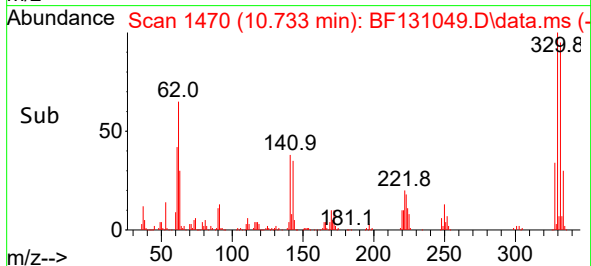
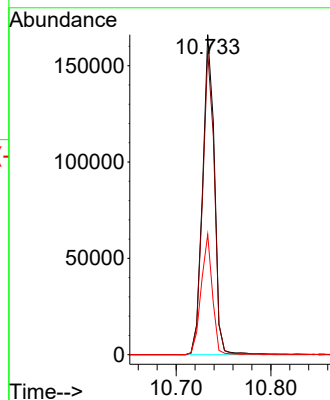
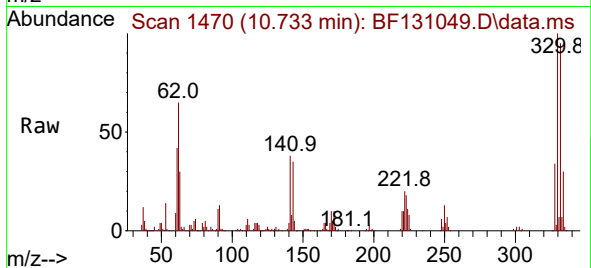
Tgt Ion:330 Resp: 144425

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.4

141 35.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 52.738 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

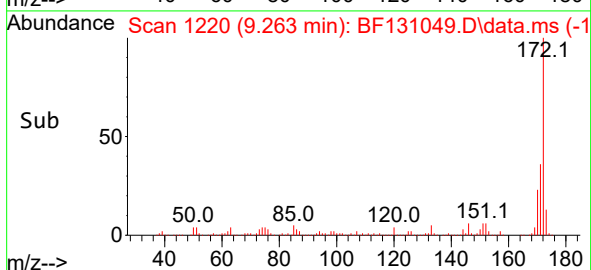
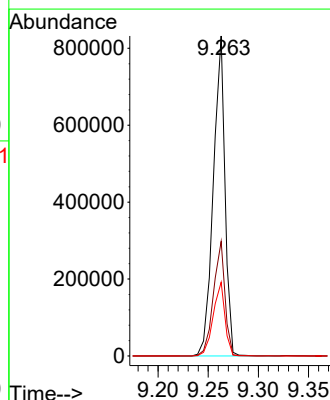
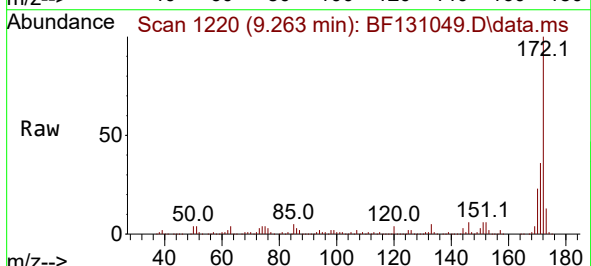
Tgt Ion:172 Resp: 673464

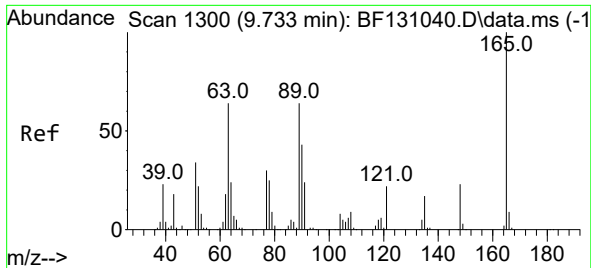
Ion Ratio Lower Upper

172 100

171 35.8 27.7 41.5

170 23.0 18.4 27.6

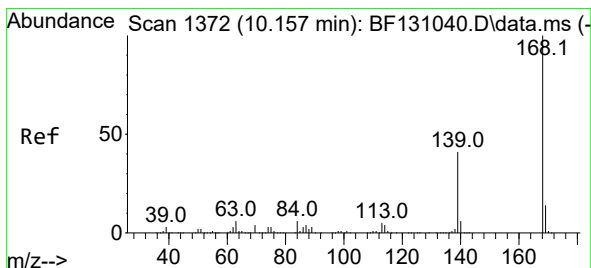
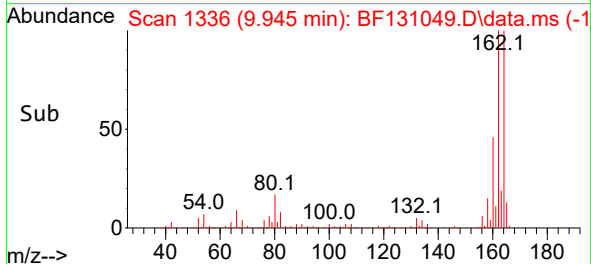
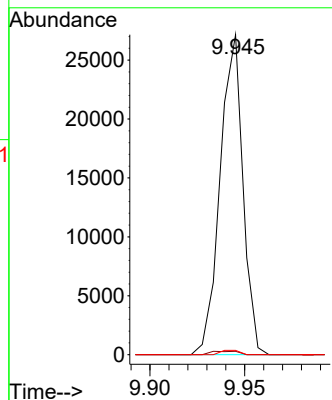
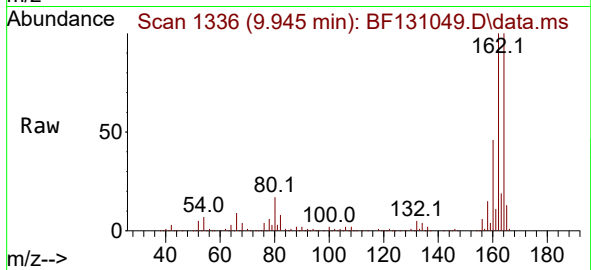




#51
2,6-Dinitrotoluene
Concen: 7.942 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

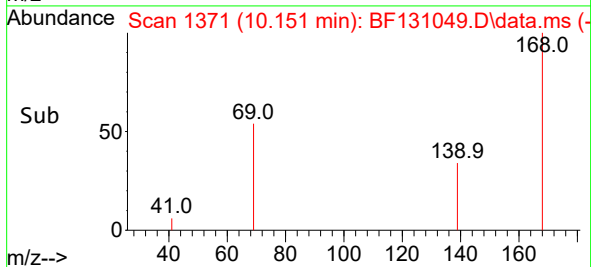
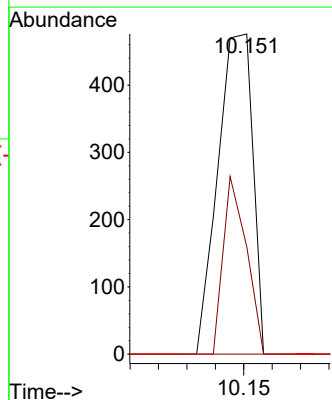
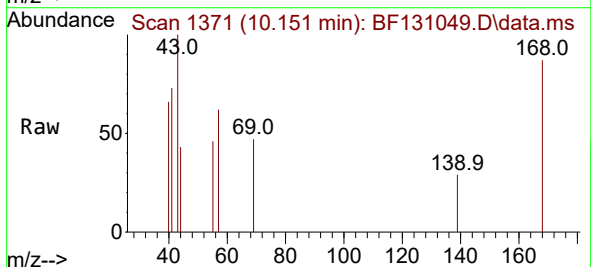
Instrument :
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R-15

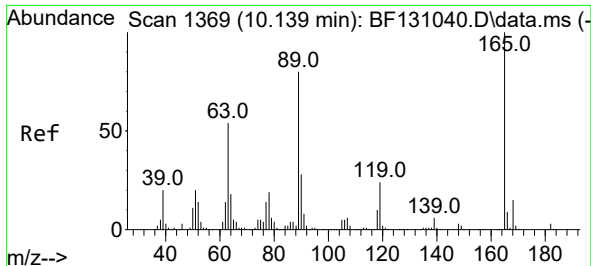
Tgt Ion:165 Resp: 22723
Ion Ratio Lower Upper
165 100
63 1.0 57.2 85.8#
89 1.3 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:168 Resp: 406
Ion Ratio Lower Upper
168 100
139 33.6 33.0 49.6
169 0.0 11.3 16.9#

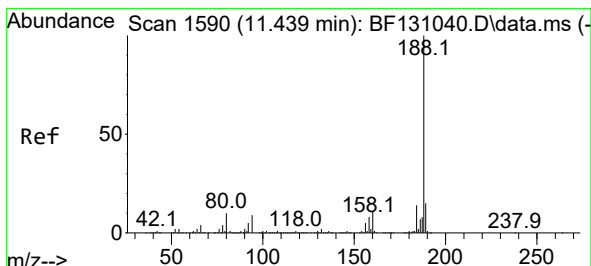
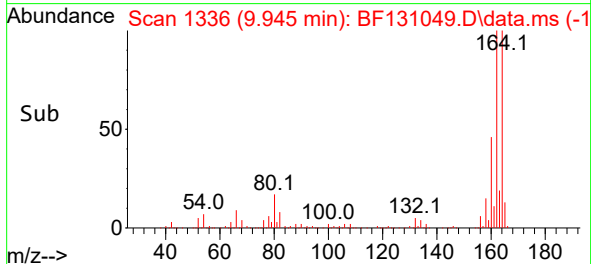
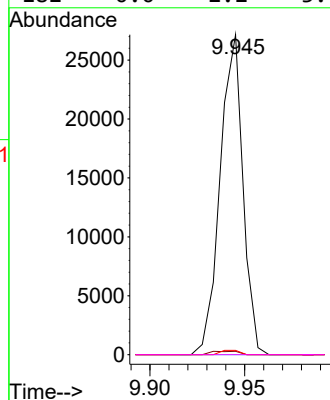
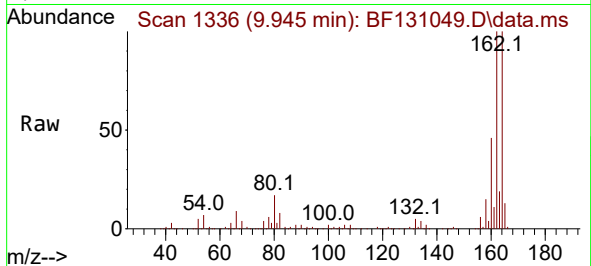




#57
2,4-Dinitrotoluene
Concen: 6.113 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

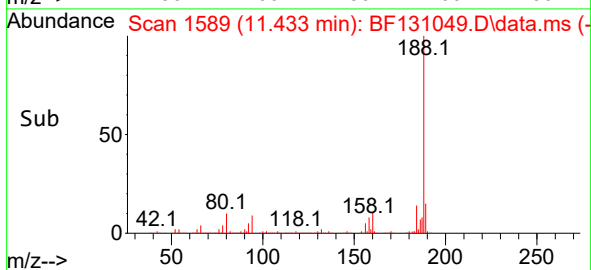
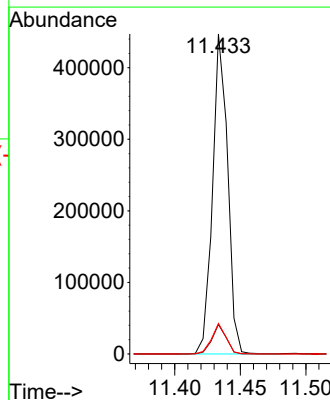
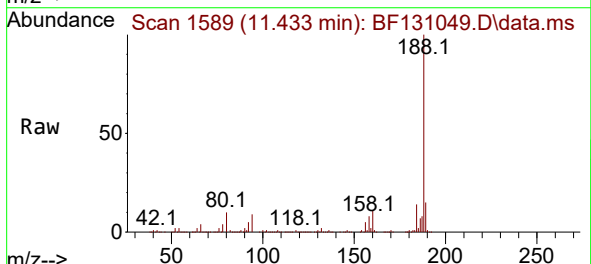
Instrument :
BNA_F
ClientSampleId :
R-15

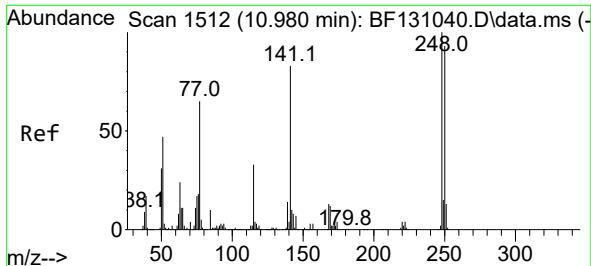
Tgt Ion:165 Resp: 22723
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.3 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:188 Resp: 357609
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 8.1 12.1

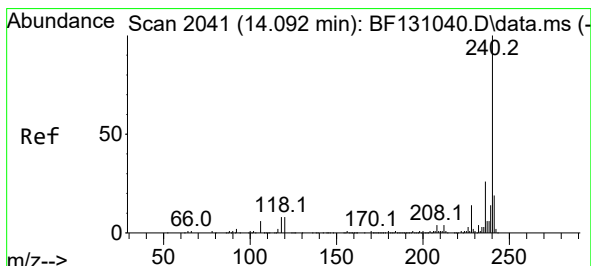
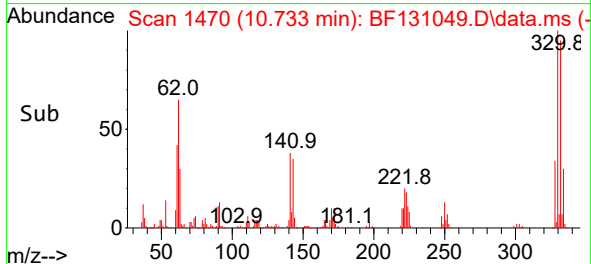
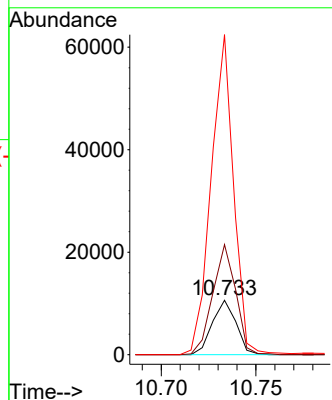
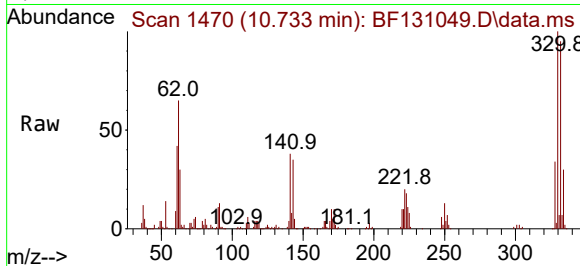




#67
4-Bromophenyl-phenylether
Concen: 2.068 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

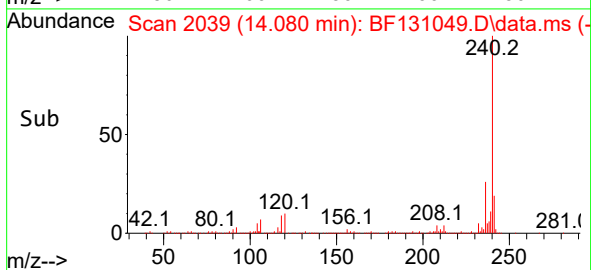
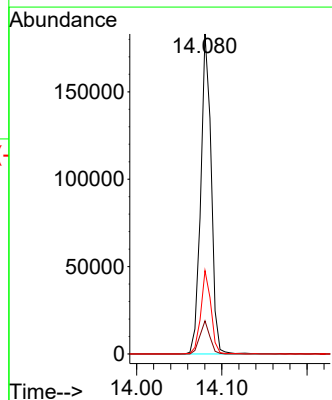
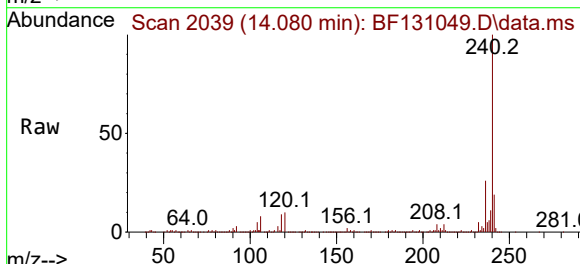
Instrument :
BNA_F
ClientSampleId :
R-15

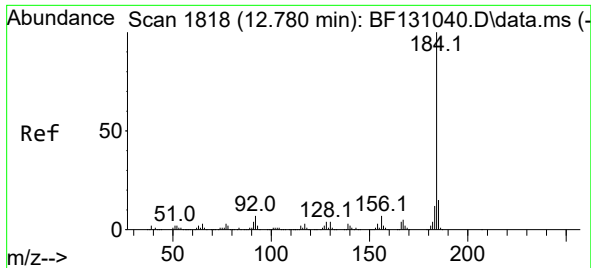
Tgt Ion:248 Resp: 9292
Ion Ratio Lower Upper
248 100
250 202.1 74.6 112.0#
141 587.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.012 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:240 Resp: 156128
Ion Ratio Lower Upper
240 100
120 10.3 6.7 10.1#
236 26.1 20.8 31.2

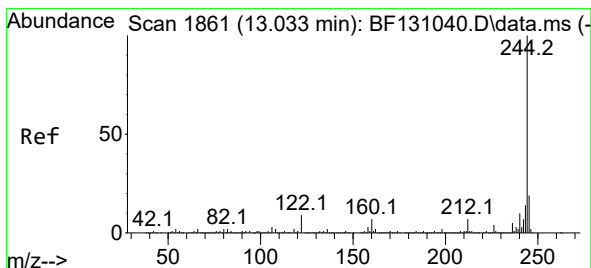
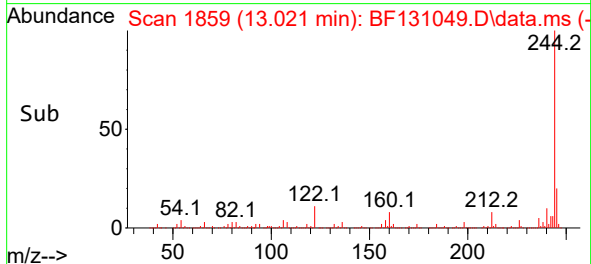
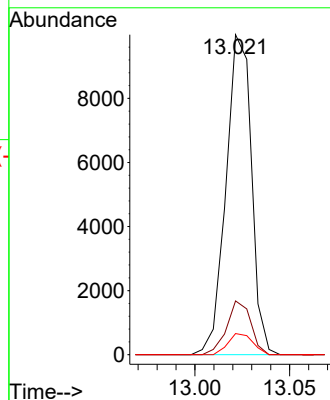
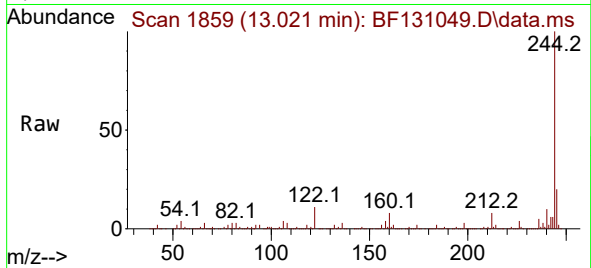




#77
Benzidine
Concen: 2.220 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.241 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

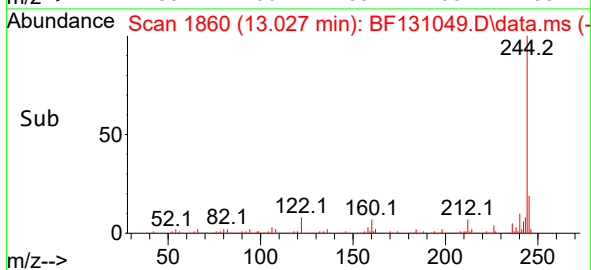
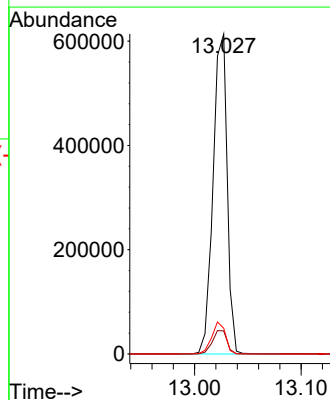
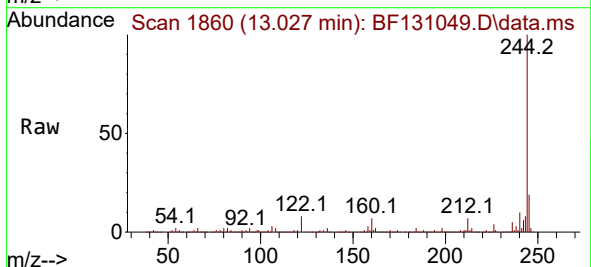
Instrument :
BNA_F
ClientSampleId :
R-15

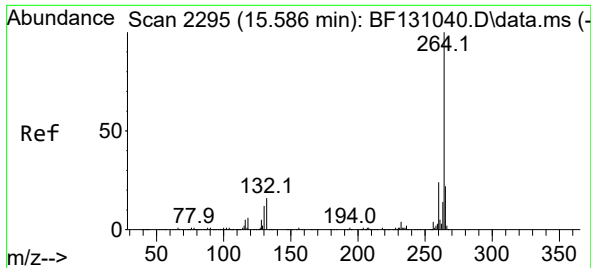
Tgt Ion:184 Resp: 9350
Ion Ratio Lower Upper
184 100
185 16.8 11.7 17.5
183 6.6 10.0 15.0#



#79
Terphenyl-d14
Concen: 57.856 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:244 Resp: 563415
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.1 7.0 10.4

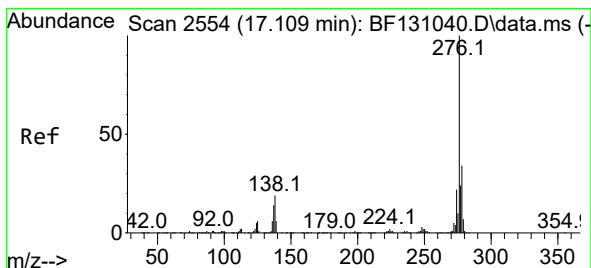
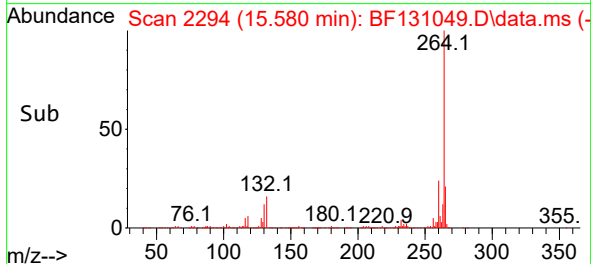
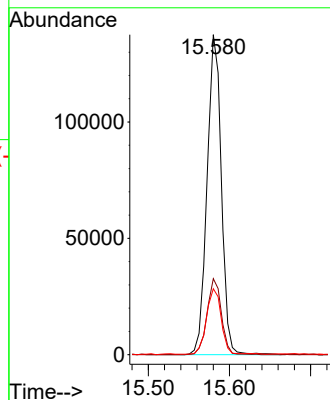
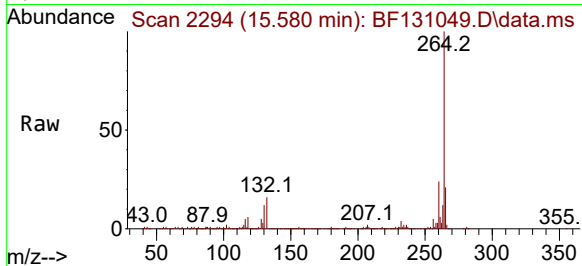




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

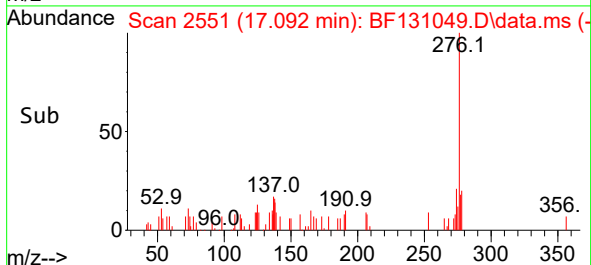
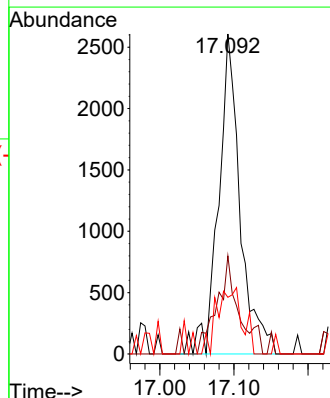
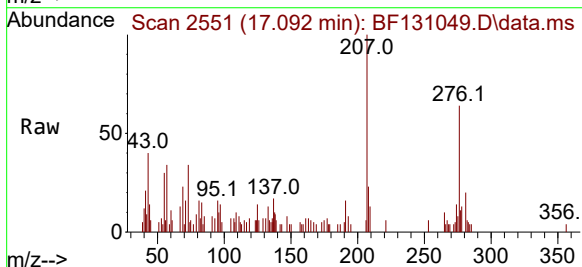
Instrument :
BNA_F
ClientSampleId :
R-15

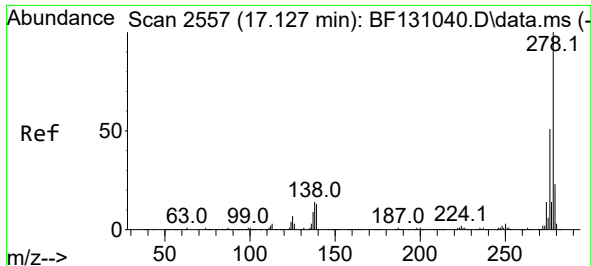
Tgt Ion:264 Resp: 167538
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 20.6 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.673 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.017 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:276 Resp: 5299
Ion Ratio Lower Upper
276 100
138 31.1 17.3 25.9#
277 24.2 20.2 30.4

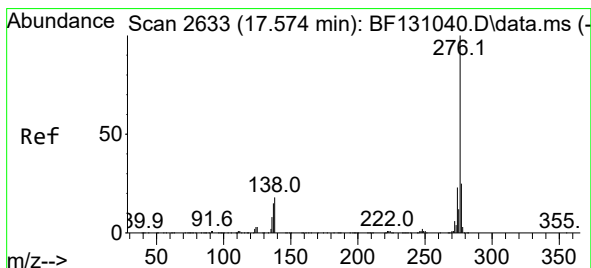
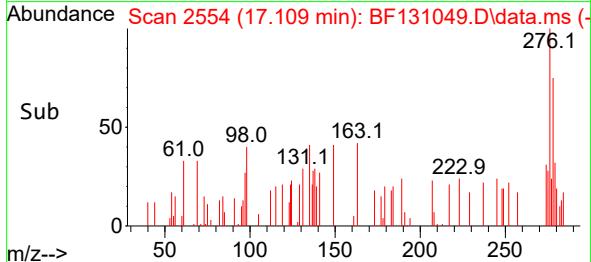
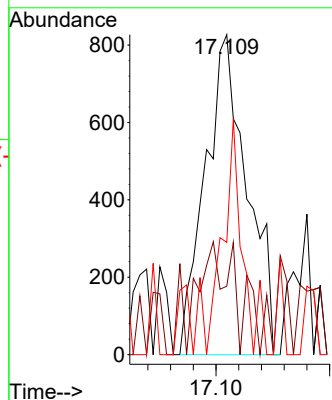
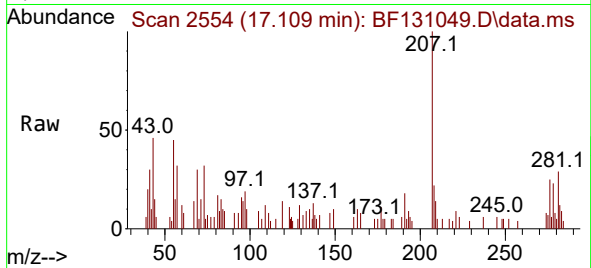




#91
Dibenzo(a,h)anthracene
Concen: 3.479 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Instrument :
BNA_F
ClientSampleId :
R-15

Tgt Ion:278 Resp: 2130
Ion Ratio Lower Upper
278 100
139 21.4 10.8 16.2#
279 35.1 18.7 28.1#



#92
Benzo(g,h,i)perylene
Concen: 3.847 ng
RT: 17.551 min Scan# 2629
Delta R.T. -0.023 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:276 Resp: 5752
Ion Ratio Lower Upper
276 100
277 18.0 20.0 30.0#
138 18.9 14.8 22.2

