

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131075.D
 Acq On : 08 Nov 2022 19:32
 Operator : CG\JU
 Sample : N5415-06RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-19RE

Quant Time: Nov 09 04:08:12 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)

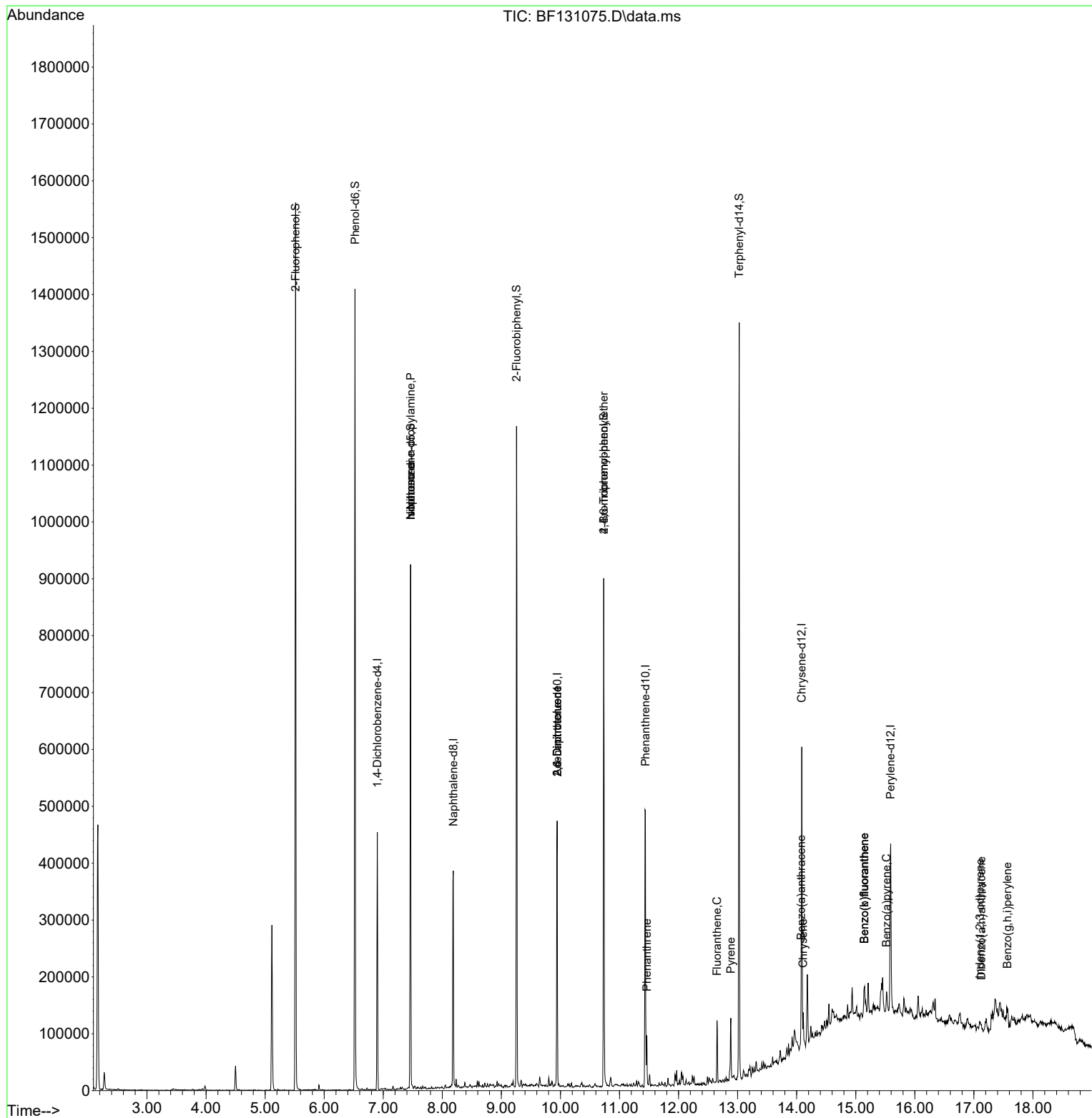
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	54861	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	162036	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	90488	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	188161	20.000	ng	0.00
76) Chrysene-d12	14.086	240	155707	20.000	ng	0.00
86) Perylene-d12	15.592	264	134420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	346495	101.843	ng	0.00
7) Phenol-d6	6.522	99	395716	95.293	ng	0.00
23) Nitrobenzene-d5	7.463	82	247485	70.797	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	94990	95.348	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	321634	48.441	ng	-0.01
79) Terphenyl-d14	13.027	244	418184	43.059	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	34043	11.503	ng	# 74
25) Isophorone	7.463	82	245821	41.026	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	11687	7.856	ng	# 18
55) Dibenzofuran	10.151	168	884	Below Cal		# 96
57) 2,4-Dinitrotoluene	9.945	165	11687	6.047	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	5762	2.437	ng	# 1
71) Phenanthrene	11.463	178	32540	3.070	ng	98
75) Fluoranthene	12.651	202	40419	3.593	ng	99
78) Pyrene	12.886	202	40983	2.890	ng	99
81) Benzo(a)anthracene	14.074	228	22683	2.006	ng	# 90
83) Chrysene	14.110	228	22323	2.079	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.104	276	9268	4.087	ng	96
88) Benzo(b)fluoranthene	15.145	252	32932	3.371	ng	# 94
89) Benzo(k)fluoranthene	15.145	252	32932	3.460	ng	# 92
90) Benzo(a)pyrene	15.521	252	16489	2.123	ng	# 91
91) Dibenzo(a,h)anthracene	17.127	278	3406	3.650	ng	# 37
92) Benzo(g,h,i)perylene	17.568	276	10707	4.448	ng	93

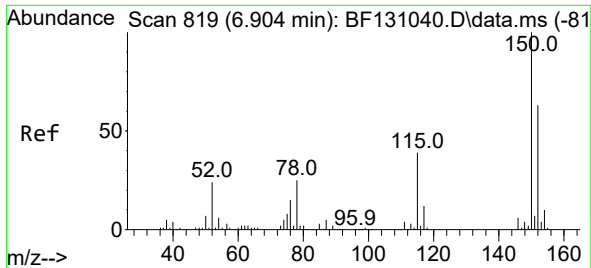
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131075.D
Acq On : 08 Nov 2022 19:32
Operator : CG\JU
Sample : N5415-06RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-19RE

Quant Time: Nov 09 04:08:12 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

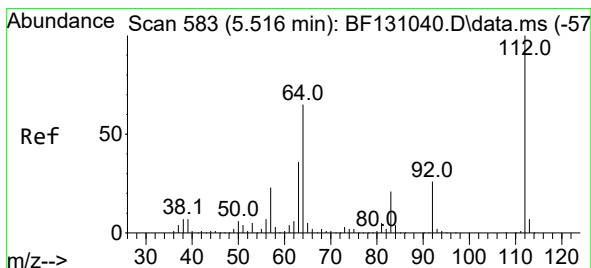
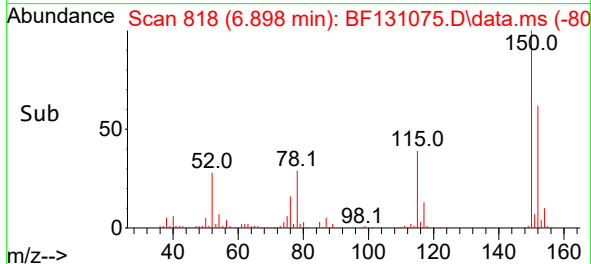
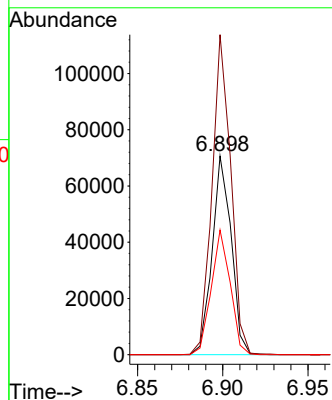
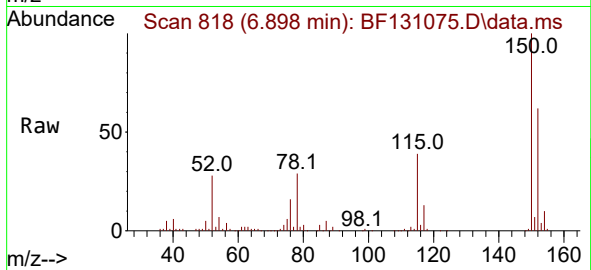




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

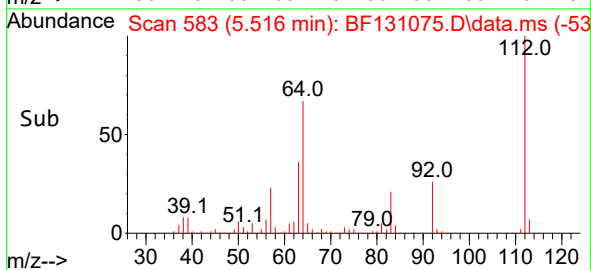
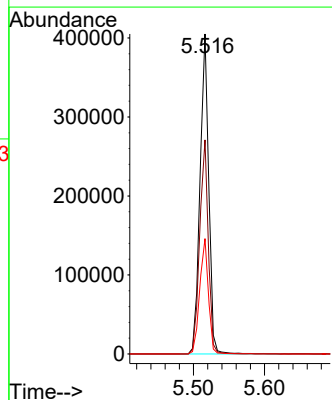
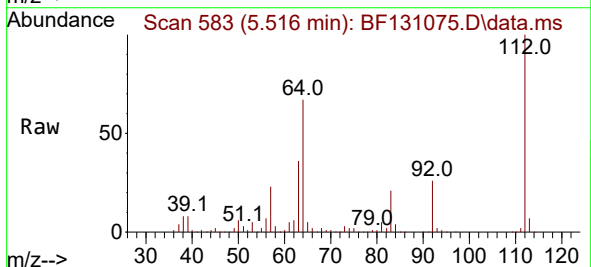
Instrument :
BNA_F
ClientSampleId :
R-19RE

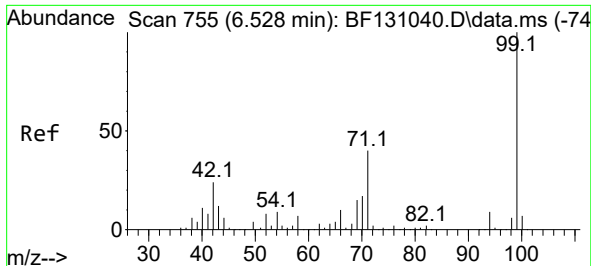
Tgt Ion:152 Resp: 54861
Ion Ratio Lower Upper
152 100
150 161.1 126.6 189.8
115 62.7 49.1 73.7



#5
2-Fluorophenol
Concen: 101.843 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:112 Resp: 346495
Ion Ratio Lower Upper
112 100
64 66.9 52.2 78.4
63 36.1 29.0 43.4

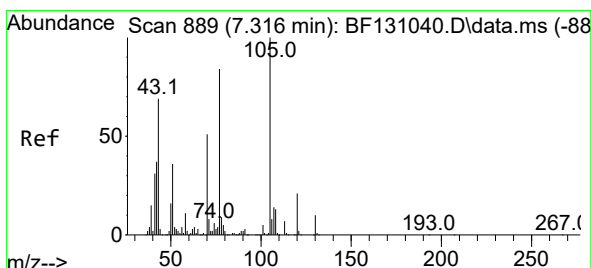
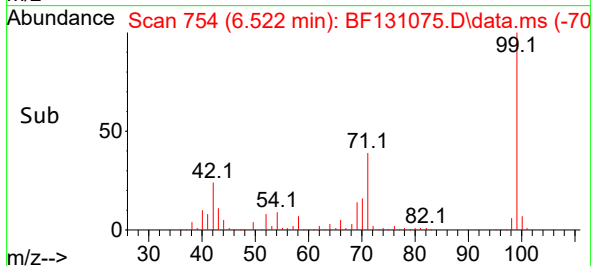
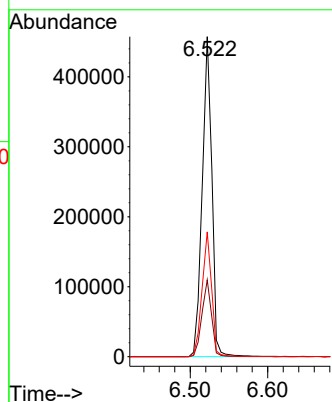
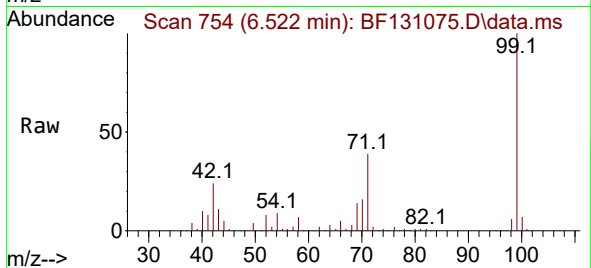




#7
Phenol-d6
Concen: 95.293 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

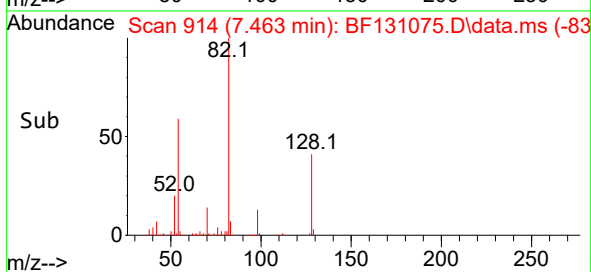
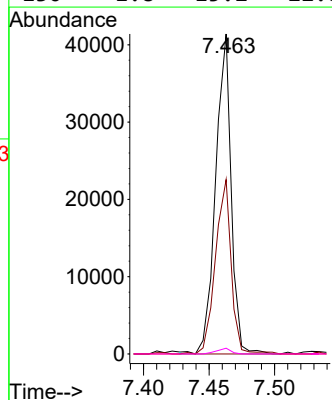
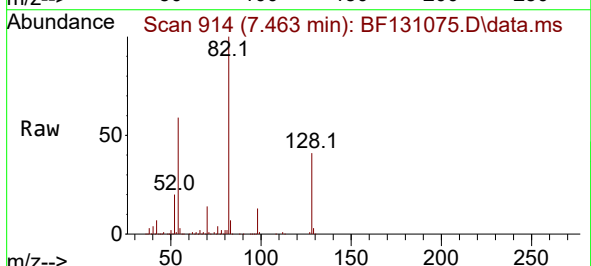
Instrument :
BNA_F
ClientSampleId :
R-19RE

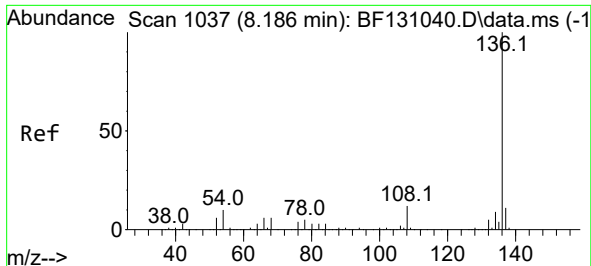
Tgt Ion: 99 Resp: 395716
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.0
71 39.0 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.503 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion: 70 Resp: 34043
Ion Ratio Lower Upper
70 100
42 54.5 59.0 88.4#
101 0.0 8.0 12.0#
130 1.8 15.2 22.8#



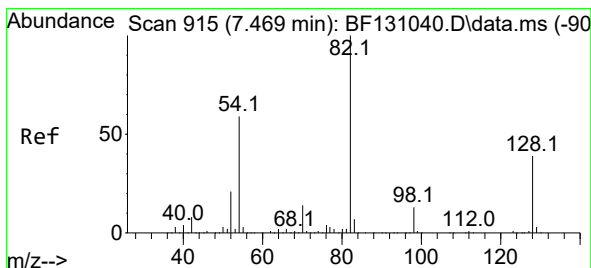
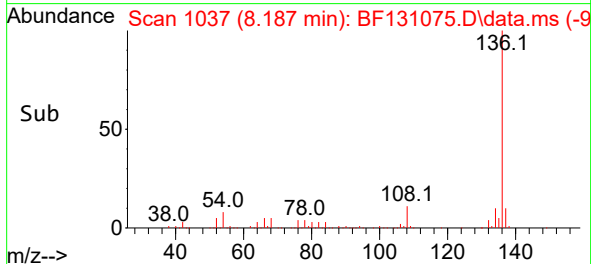
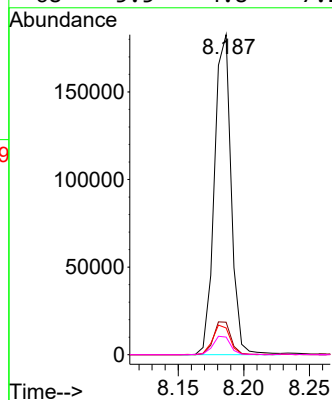
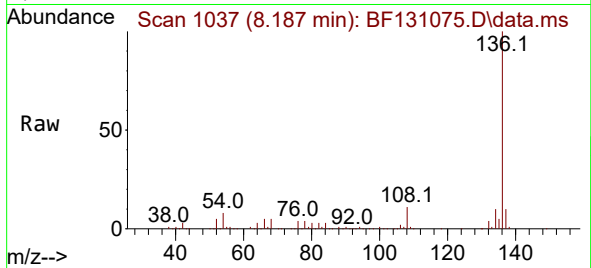


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Instrument :
BNA_F
ClientSampleId :
R-19RE

Tgt Ion:136 Resp: 162036

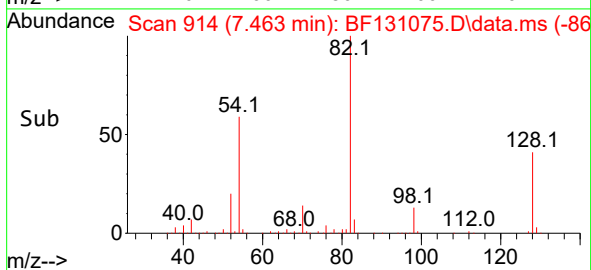
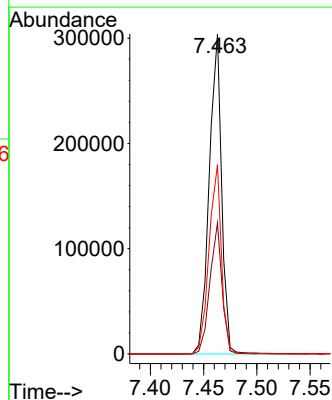
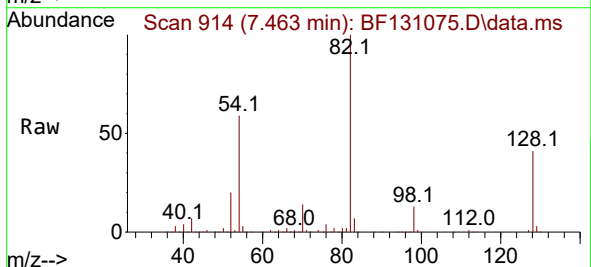
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	8.3	8.2	12.2
68	5.5	4.8	7.2

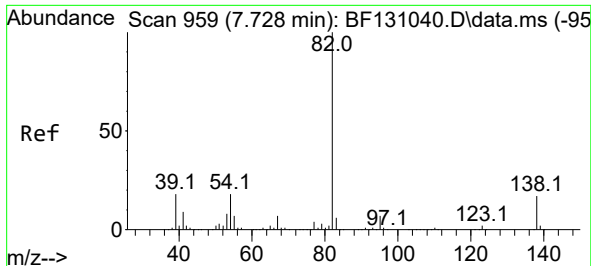


#23
Nitrobenzene-d5
Concen: 70.797 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion: 82 Resp: 247485

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.3	46.9
54	59.2	47.2	70.8

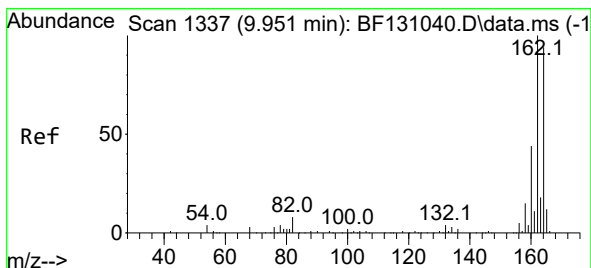
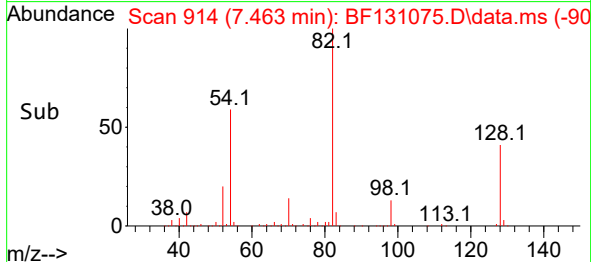
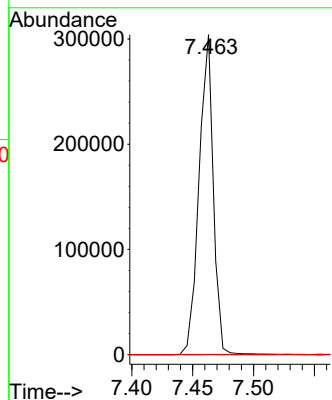
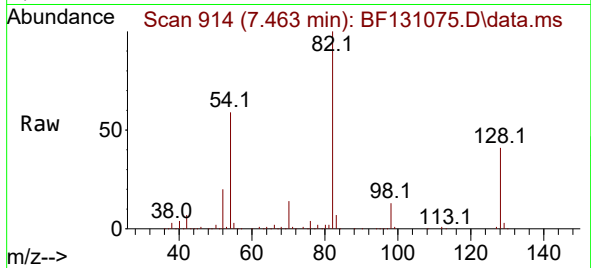




#25
Isophorone
Concen: 41.026 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

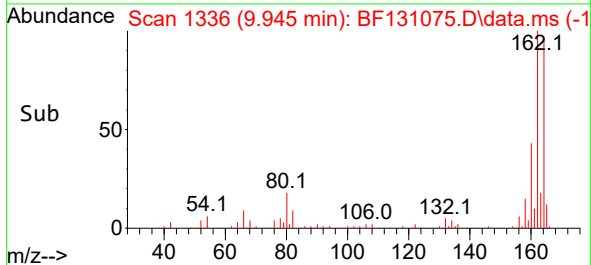
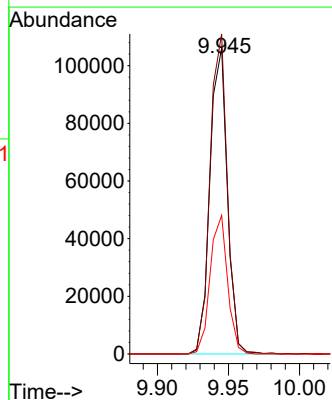
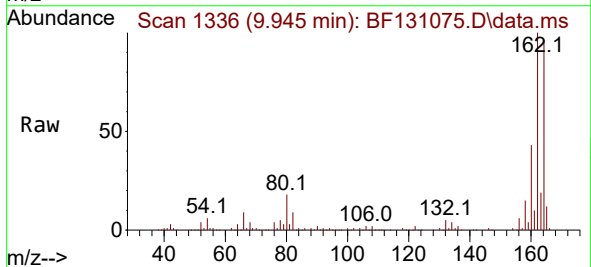
Instrument :
BNA_F
ClientSampleId :
R-19RE

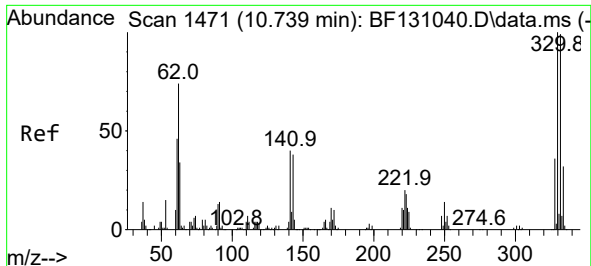
Tgt Ion: 82 Resp: 245821
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion: 164 Resp: 90488
Ion Ratio Lower Upper
164 100
162 104.6 85.0 127.6
160 45.3 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 95.348 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131075.D

Acq: 08 Nov 2022 19:32

Instrument :

BNA_F

ClientSampleId :

R-19RE

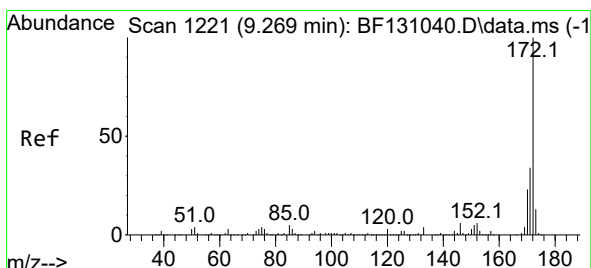
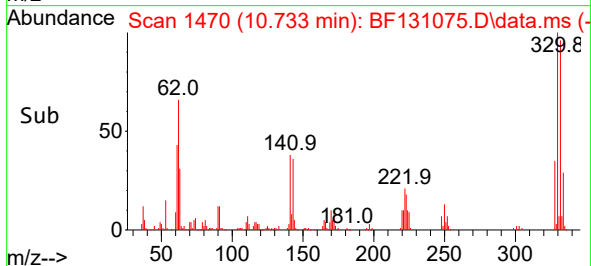
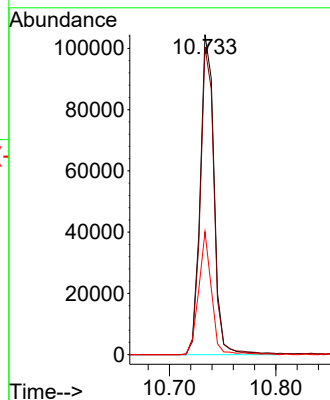
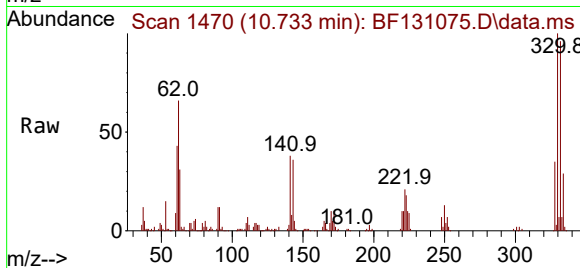
Tgt Ion:330 Resp: 94990

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.4

141 35.7 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 48.441 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF131075.D

Acq: 08 Nov 2022 19:32

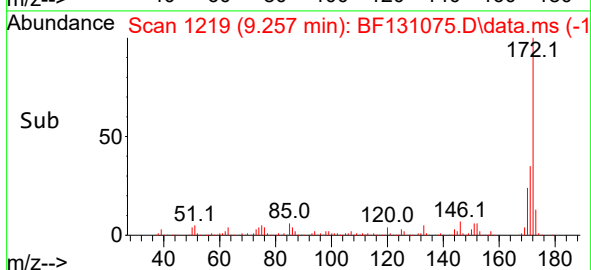
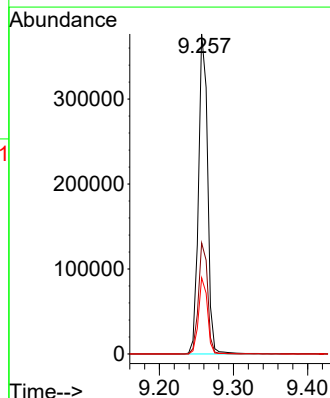
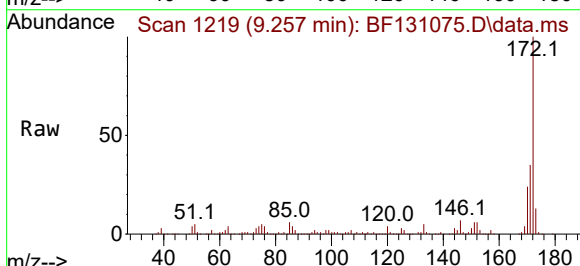
Tgt Ion:172 Resp: 321634

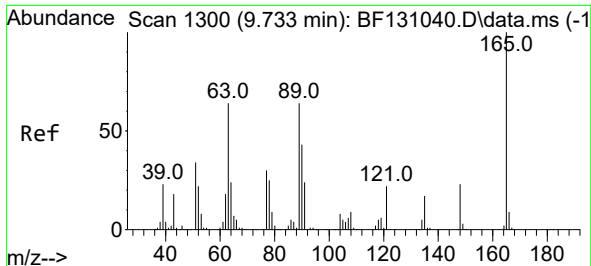
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.8 18.4 27.6

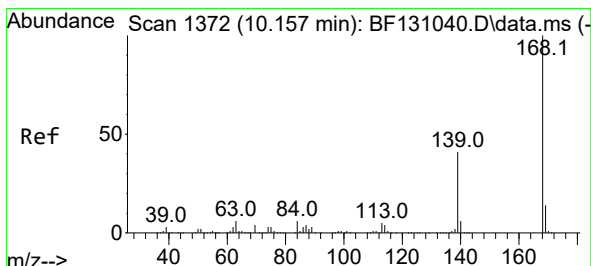
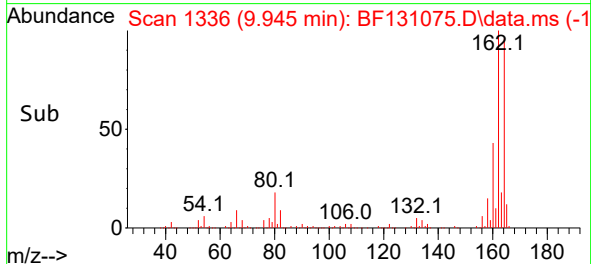
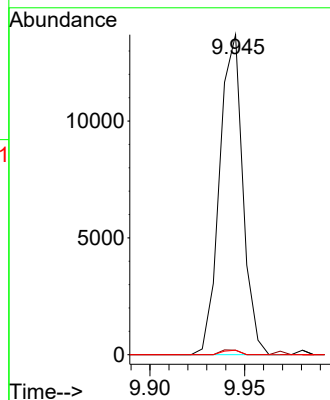
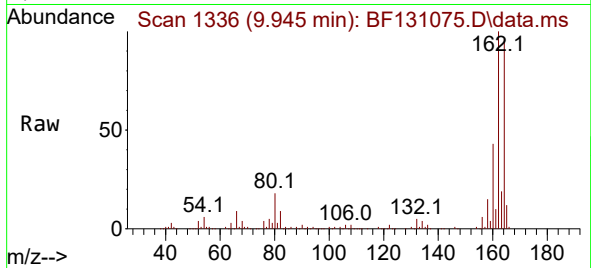




#51
2,6-Dinitrotoluene
Concen: 7.856 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

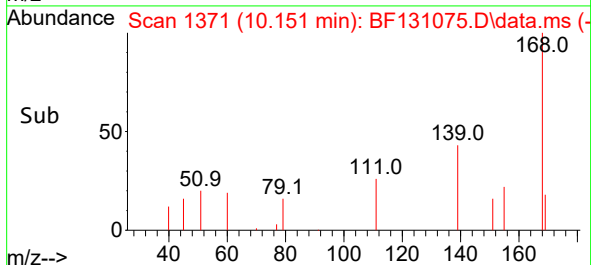
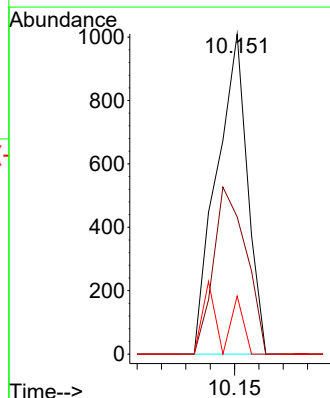
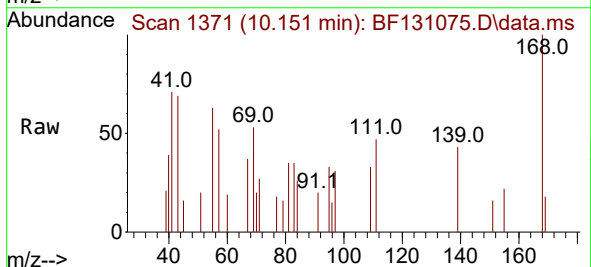
Instrument :
BNA_F
ClientSampleId :
R-19RE

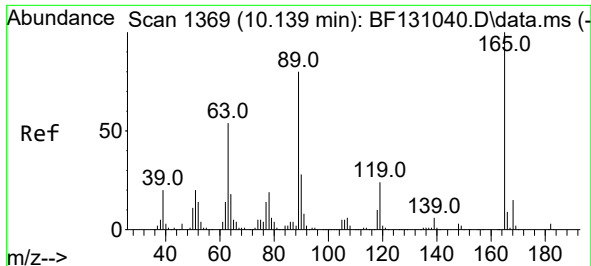
Tgt Ion:165 Resp: 11687
Ion Ratio Lower Upper
165 100
63 1.4 57.2 85.8#
89 1.4 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:168 Resp: 884
Ion Ratio Lower Upper
168 100
139 42.9 33.0 49.6
169 18.1 11.3 16.9#

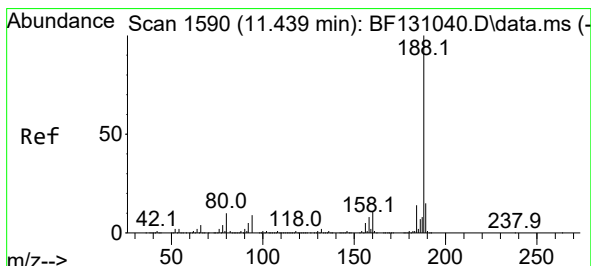
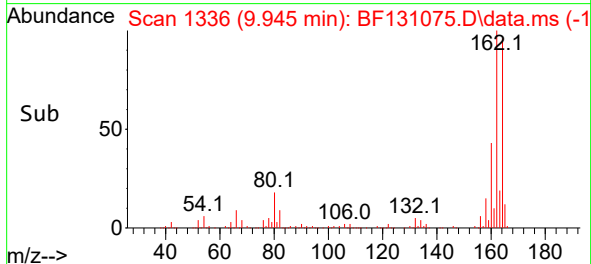
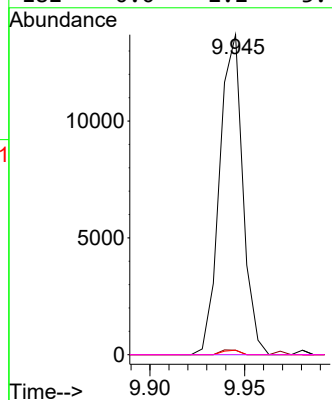
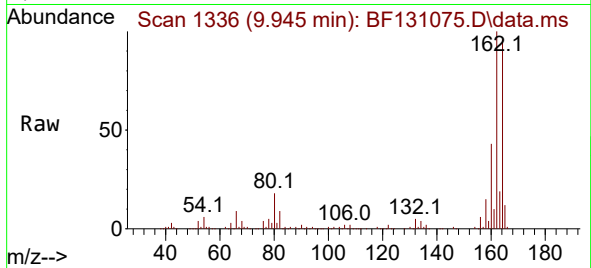




#57
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

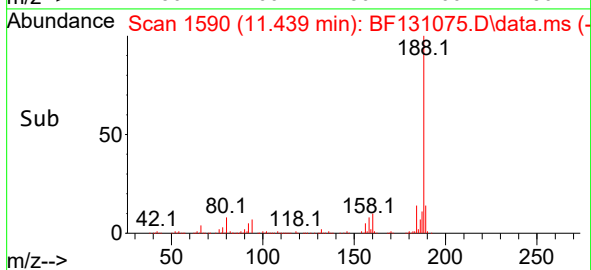
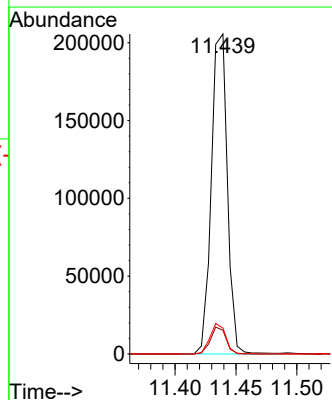
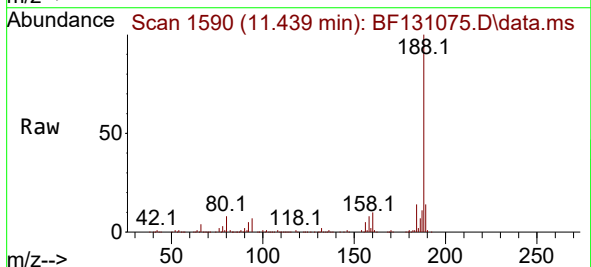
Instrument :
BNA_F
ClientSampleId :
R-19RE

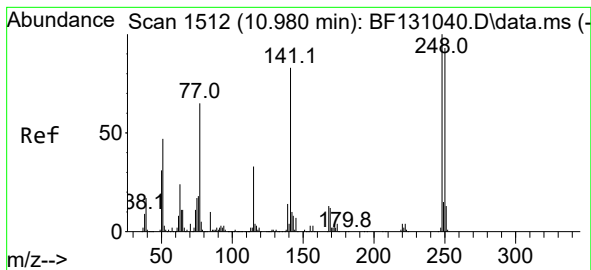
Tgt Ion:165 Resp: 11687
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 1.4 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:188 Resp: 188161
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.1 8.1 12.1

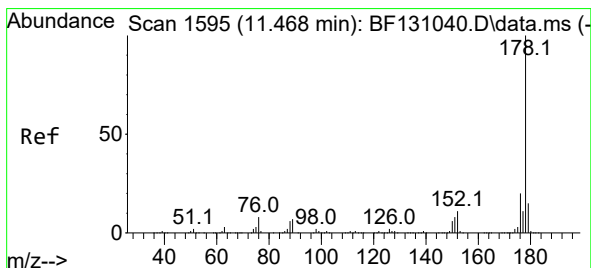
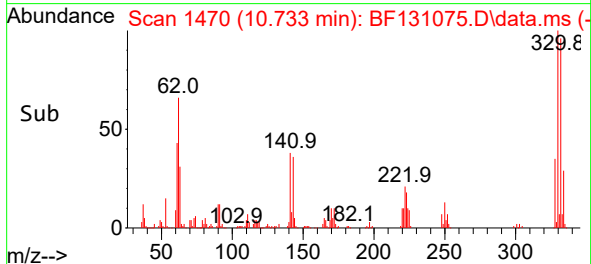
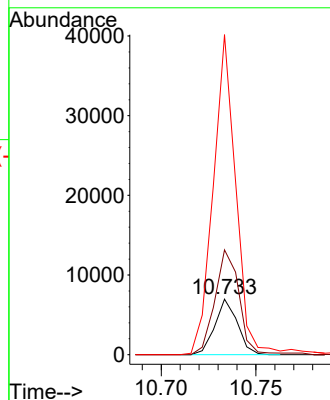
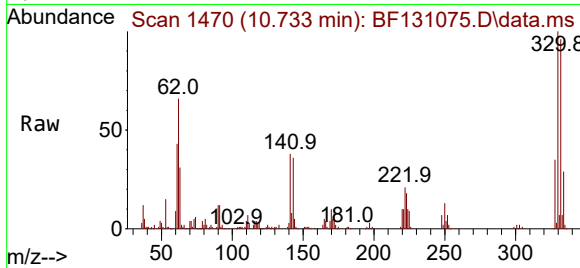




#67
4-Bromophenyl-phenylether
Concen: 2.437 ng
RT: 10.733 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

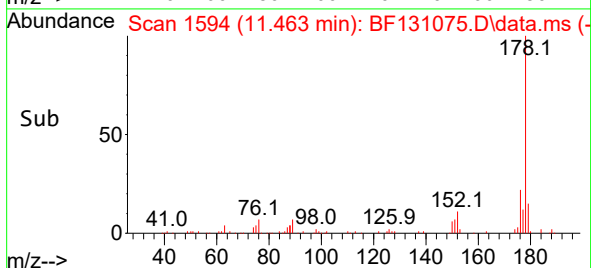
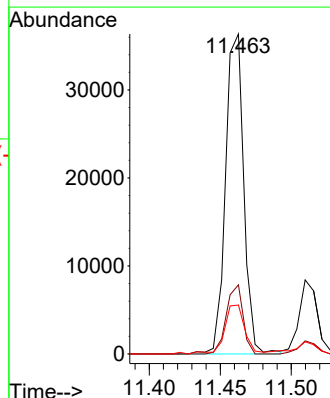
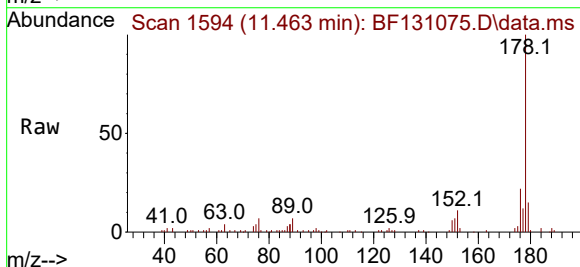
Instrument :
BNA_F
ClientSampleId :
R-19RE

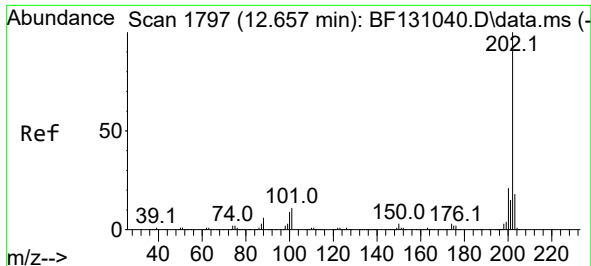
Tgt Ion:248 Resp: 5762
Ion Ratio Lower Upper
248 100
250 188.9 74.6 112.0#
141 576.5 66.2 99.2#



#71
Phenanthrene
Concen: 3.070 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.005 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

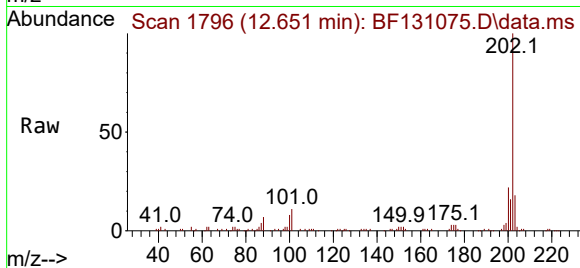
Tgt Ion:178 Resp: 32540
Ion Ratio Lower Upper
178 100
176 21.6 15.9 23.9
179 15.3 12.3 18.5



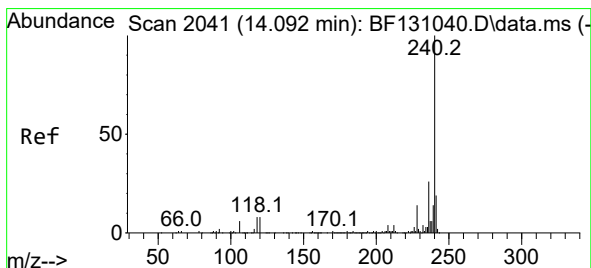
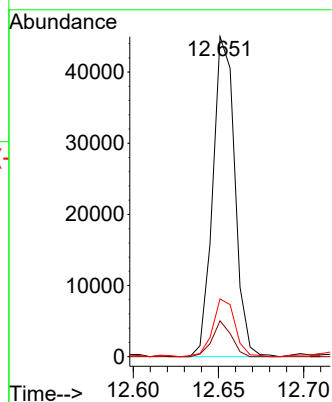
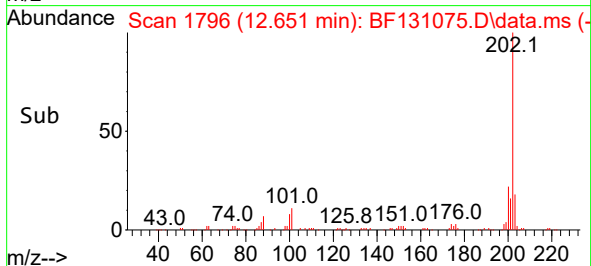


#75
Fluoranthene
Concen: 3.593 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Instrument :
BNA_F
ClientSampleId :
R-19RE

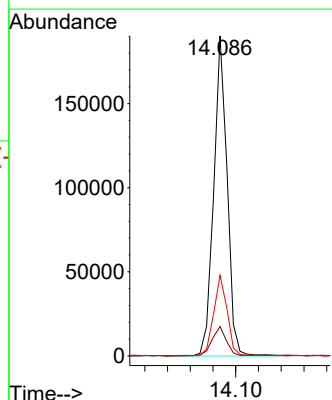
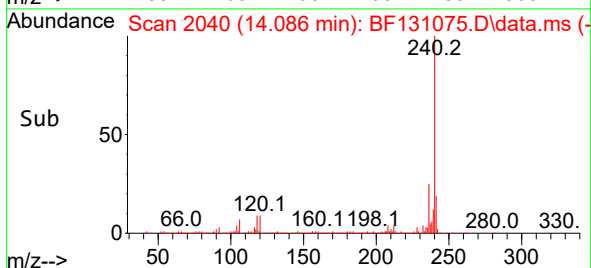
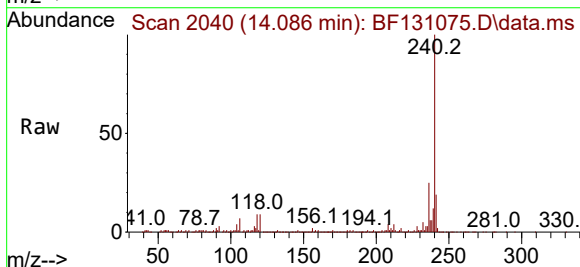


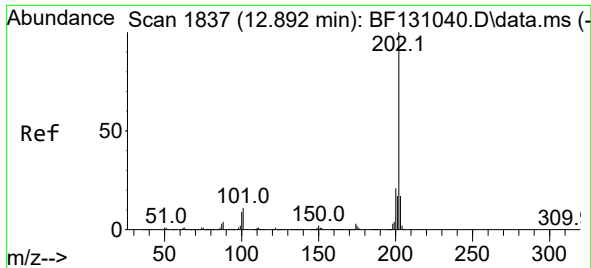
Tgt Ion:202 Resp: 40419
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.9
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:240 Resp: 155707
Ion Ratio Lower Upper
240 100
120 9.2 6.7 10.1
236 25.2 20.8 31.2

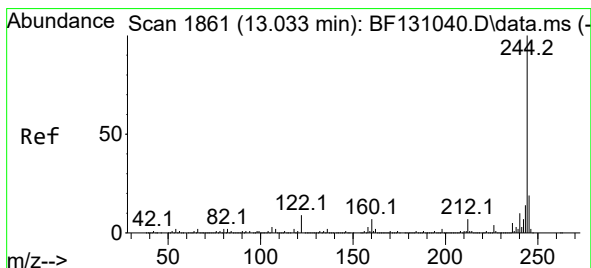
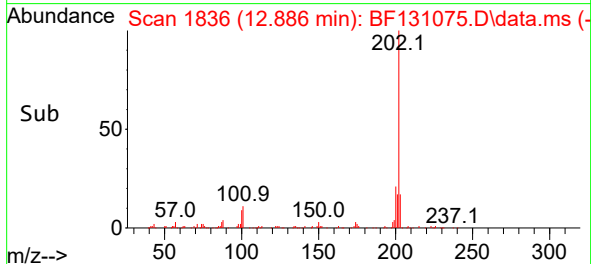
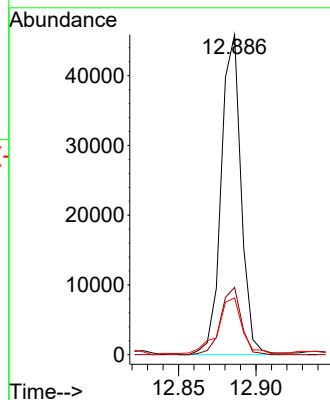
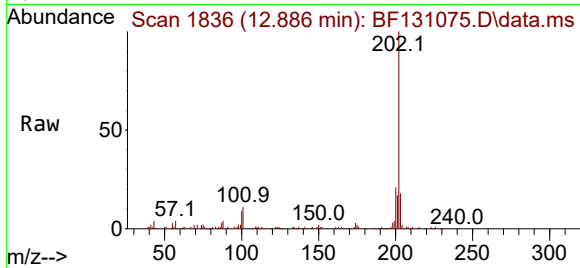




#78
 Pyrene
 Concen: 2.890 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF131075.D
 Acq: 08 Nov 2022 19:32

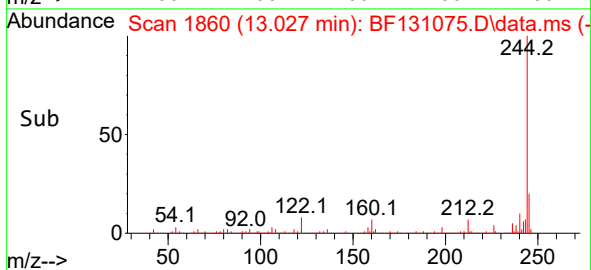
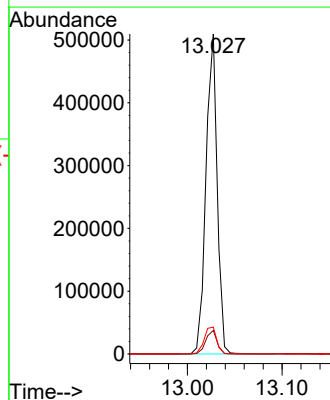
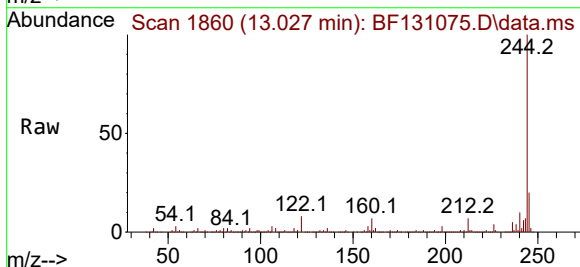
Instrument :
 BNA_F
 ClientSampleId :
 R-19RE

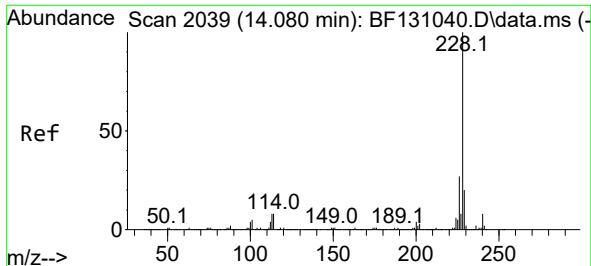
Tgt Ion:202 Resp: 40983
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.7 13.8 20.8



#79
 Terphenyl-d14
 Concen: 43.059 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131075.D
 Acq: 08 Nov 2022 19:32

Tgt Ion:244 Resp: 418184
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 8.4 7.0 10.4

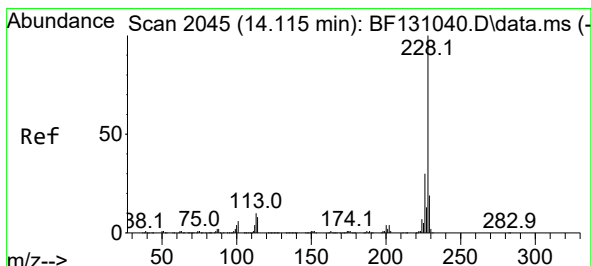
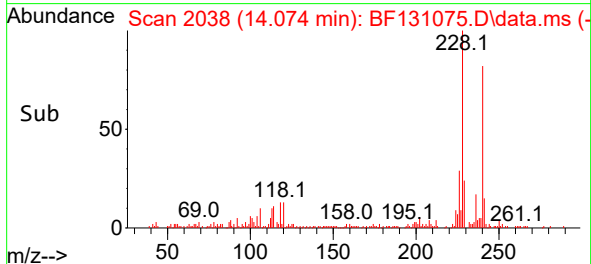
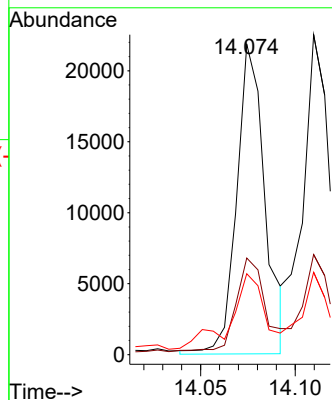
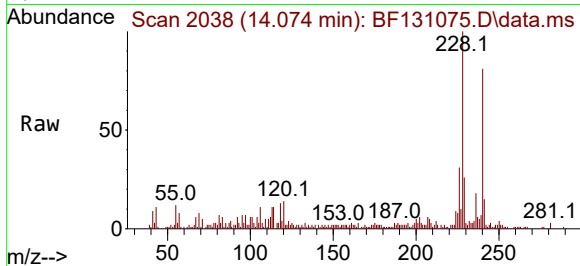




#81
Benzo(a)anthracene
Concen: 2.006 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

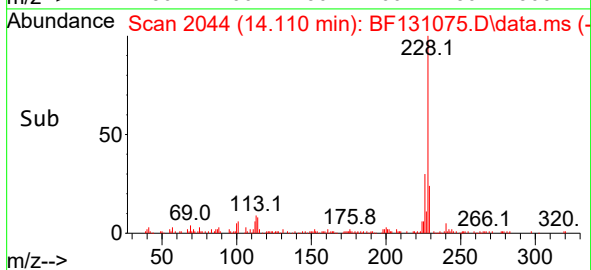
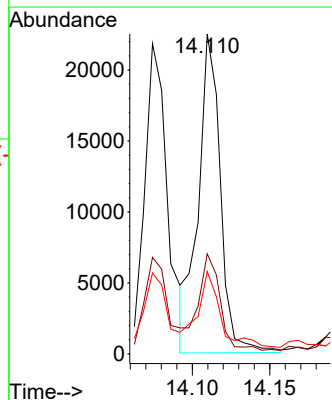
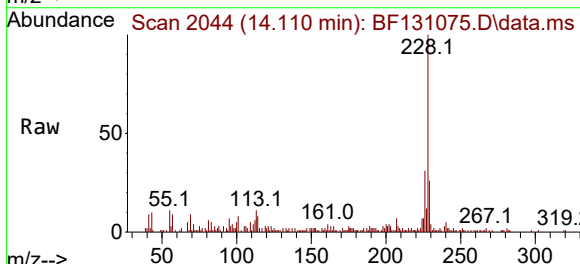
Instrument :
BNA_F
ClientSampleId :
R-19RE

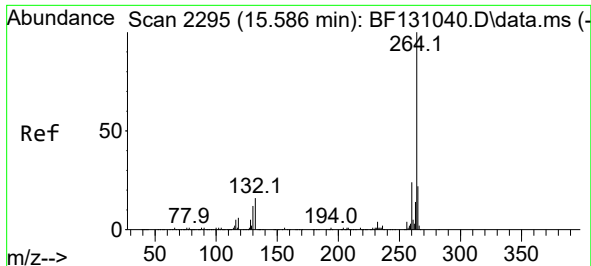
Tgt Ion:228 Resp: 22683
Ion Ratio Lower Upper
228 100
226 31.1 21.8 32.8
229 26.1 15.8 23.6#



#83
Chrysene
Concen: 2.079 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:228 Resp: 22323
Ion Ratio Lower Upper
228 100
226 31.3 23.7 35.5
229 25.7 15.4 23.0#



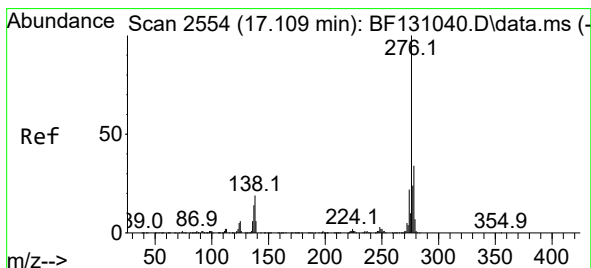
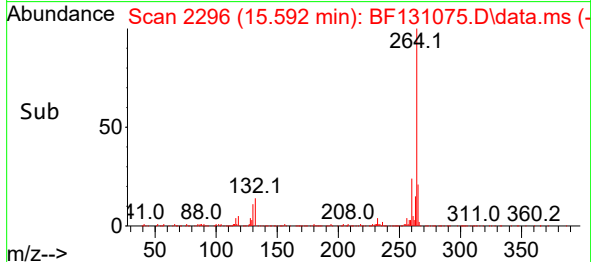
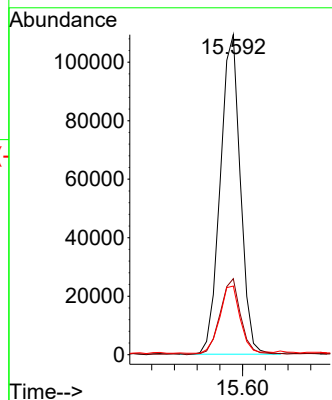
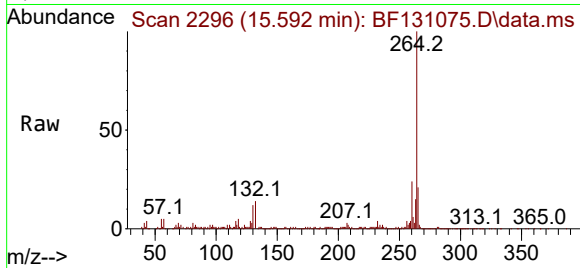


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Instrument :
BNA_F
ClientSampleId :
R-19RE

Tgt Ion:264 Resp: 134420

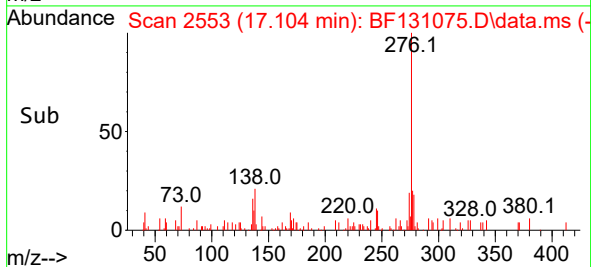
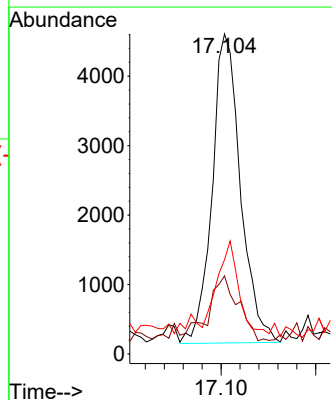
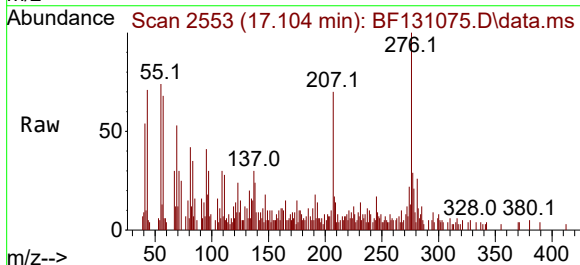
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.4	17.3	25.9

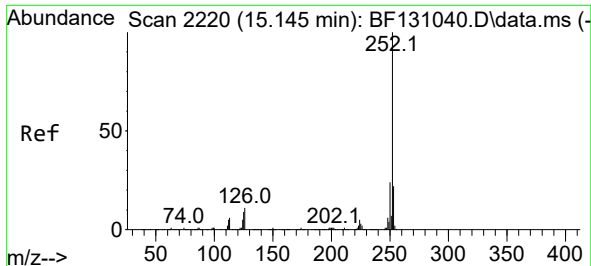


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.087 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:276 Resp: 9268

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.3	25.9
277	22.3	20.2	30.4

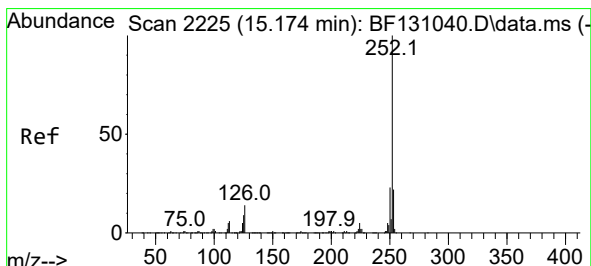
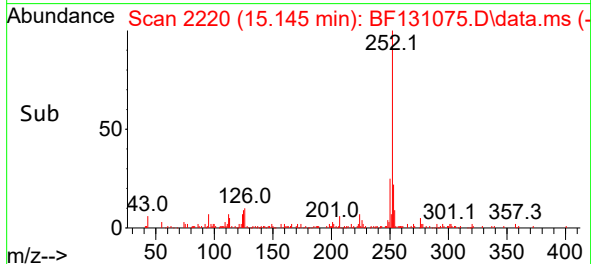
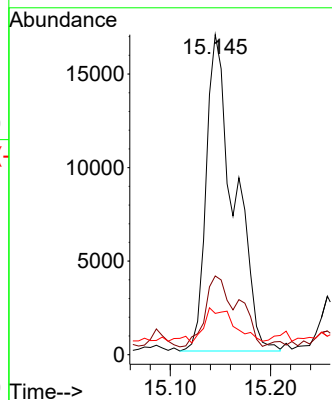
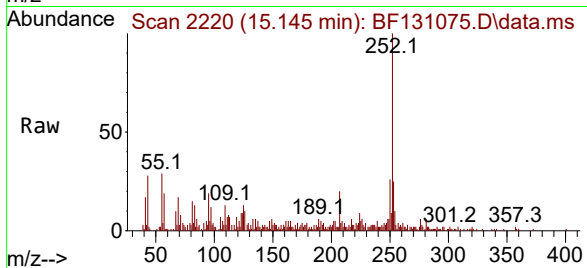




#88
Benzo(b)fluoranthene
Concen: 3.371 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

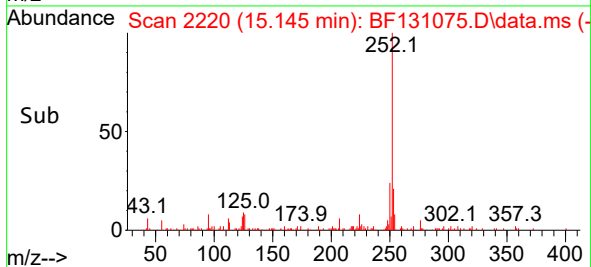
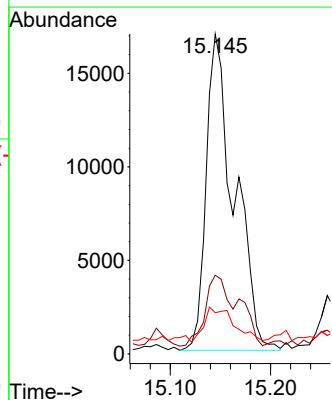
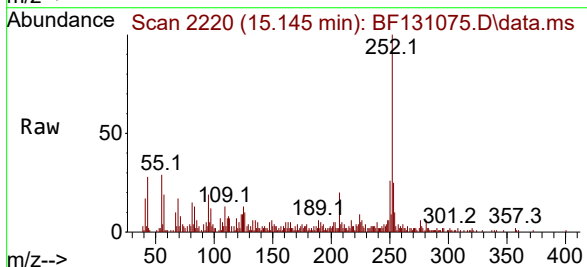
Instrument :
BNA_F
ClientSampleId :
R-19RE

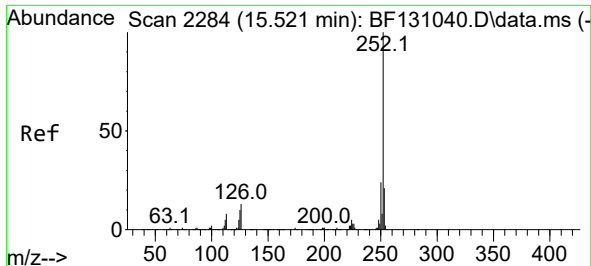
Tgt Ion:252 Resp: 32932
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 12.9 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 3.460 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.029 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:252 Resp: 32932
Ion Ratio Lower Upper
252 100
253 24.6 17.1 25.7
125 12.9 7.2 10.8#

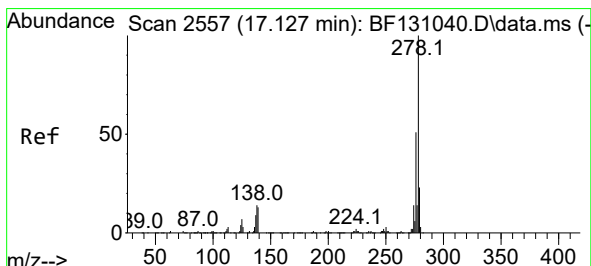
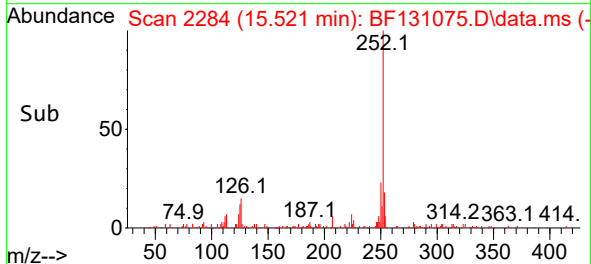
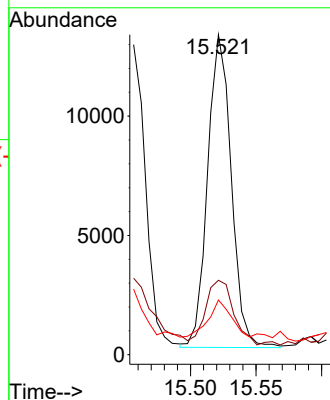
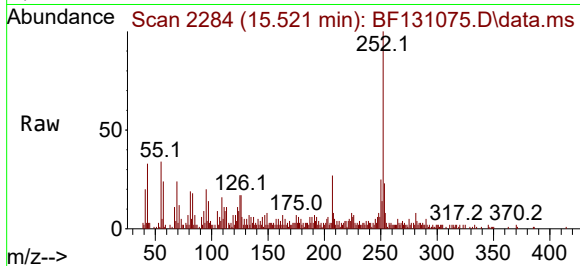




#90
Benzo(a)pyrene
Concen: 2.123 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

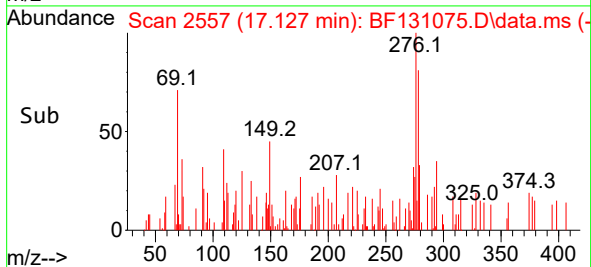
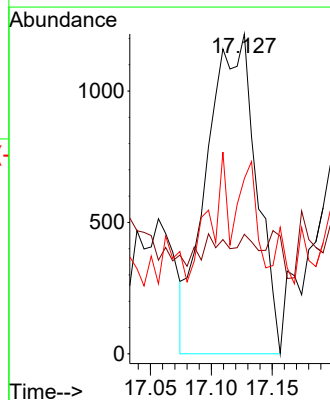
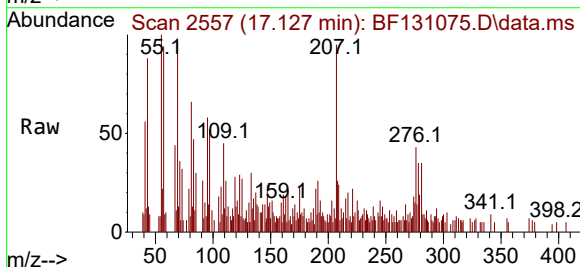
Instrument :
BNA_F
ClientSampleId :
R-19RE

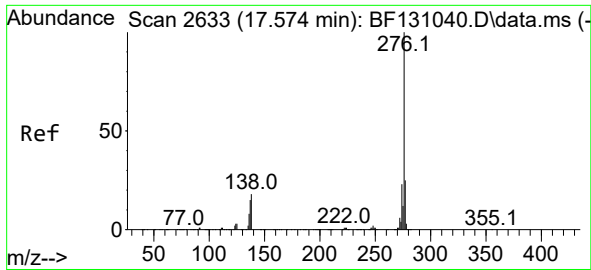
Tgt Ion:252 Resp: 16489
Ion Ratio Lower Upper
252 100
253 23.2 16.9 25.3
125 17.1 7.9 11.9#



#91
Dibenzo(a,h)anthracene
Concen: 3.650 ng
RT: 17.127 min Scan# 2557
Delta R.T. 0.000 min
Lab File: BF131075.D
Acq: 08 Nov 2022 19:32

Tgt Ion:278 Resp: 3406
Ion Ratio Lower Upper
278 100
139 37.4 10.8 16.2#
279 54.8 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 4.448 ng

RT: 17.568 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131075.D

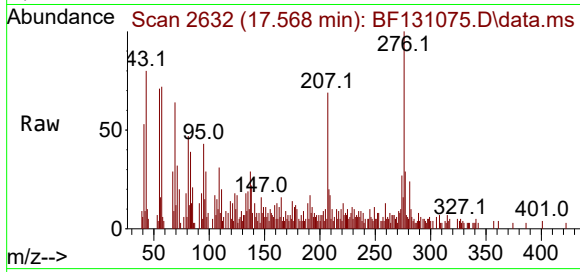
Acq: 08 Nov 2022 19:32

Instrument :

BNA_F

ClientSampleId :

R-19RE



Tgt Ion:276 Resp: 10707

Ion Ratio Lower Upper

276 100

277 28.5 20.0 30.0

138 21.9 14.8 22.2

