

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131139.D
 Acq On : 10 Nov 2022 23:44
 Operator : CG\JU
 Sample : N5494-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20

Quant Time: Nov 11 00:52:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

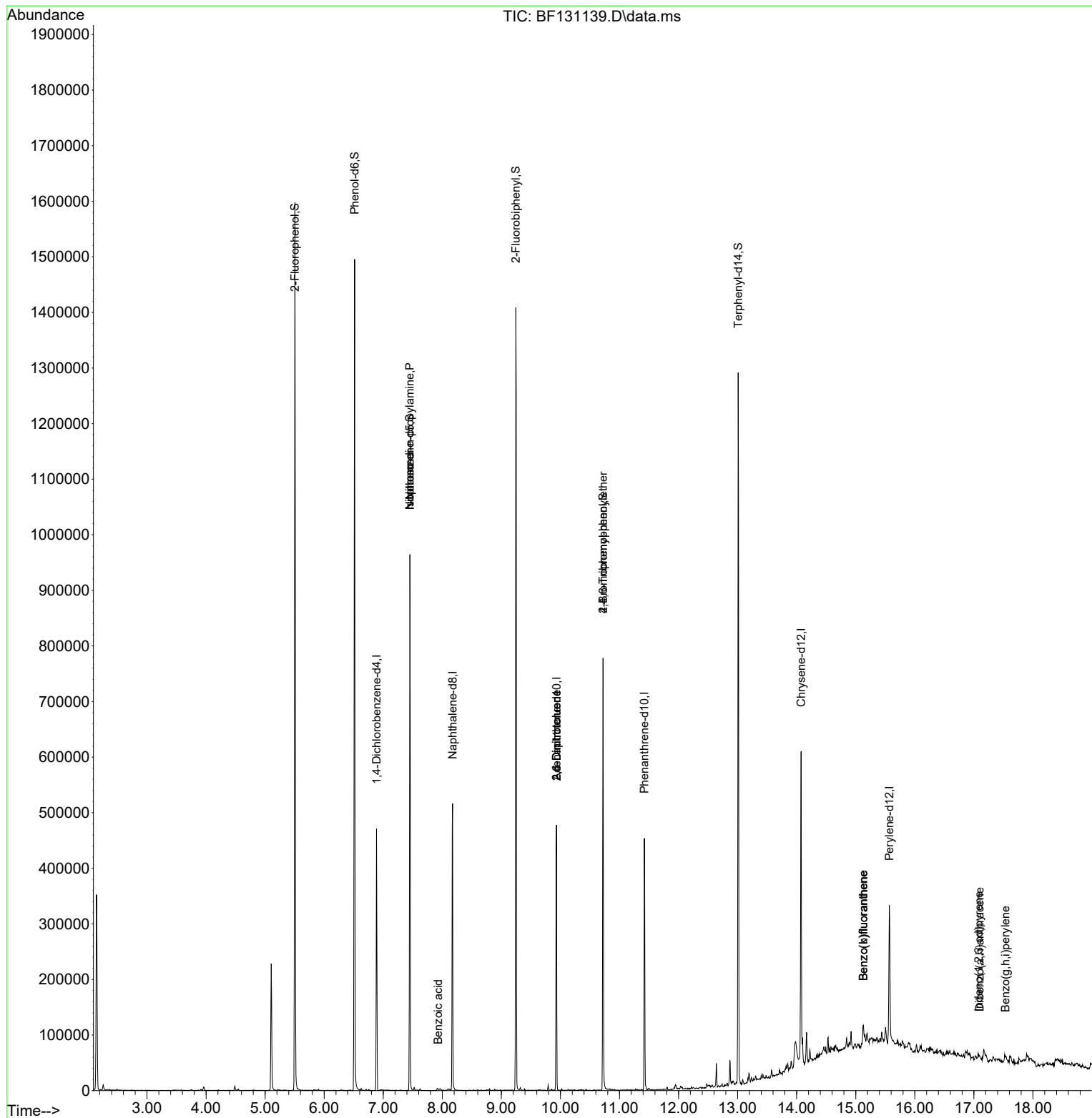
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	56627	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	216365	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	93056	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	156180	20.000	ng	0.00
76) Chrysene-d12	14.074	240	174673	20.000	ng	0.00
86) Perylene-d12	15.568	264	107283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363896	109.285	ng	0.00
7) Phenol-d6	6.516	99	424479	97.508	ng	0.00
23) Nitrobenzene-d5	7.451	82	274099	57.158	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	79317	82.475	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	414459	62.175	ng	-0.01
79) Terphenyl-d14	13.010	244	420227	42.181	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	37453	13.103	ng	# 79
25) Isophorone	7.451	82	274094	36.966	ng	# 68
32) Benzoic acid	7.928	122	1289	6.229	ng	91
51) 2,6-Dinitrotoluene	9.933	165	12332	8.477	ng	# 15
57) 2,4-Dinitrotoluene	9.933	165	12332	6.377	ng	# 17
67) 4-Bromophenyl-phenylether	10.721	248	5264	2.981	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.080	276	6188	4.513	ng	# 83
88) Benzo(b)fluoranthene	15.127	252	22552	2.973	ng	# 91
89) Benzo(k)fluoranthene	15.127	252	22552	3.093	ng	# 92
91) Dibenzo(a,h)anthracene	17.098	278	2251	4.130	ng	# 57
92) Benzo(g,h,i)perylene	17.533	276	6821	5.188	ng	# 95

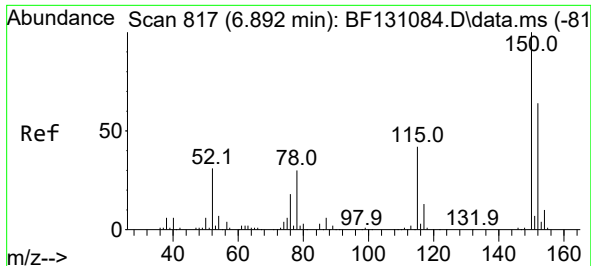
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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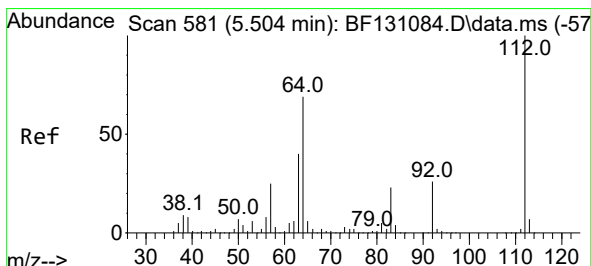
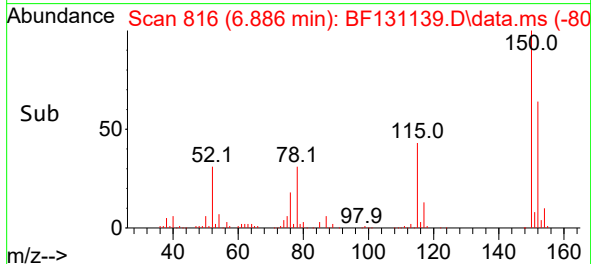
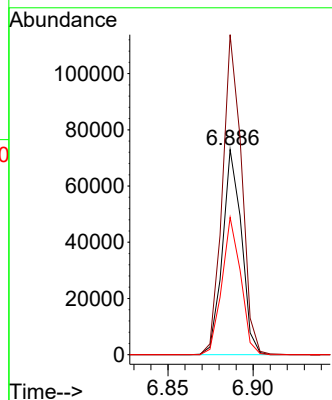
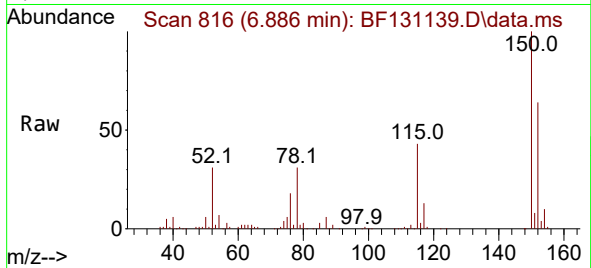




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

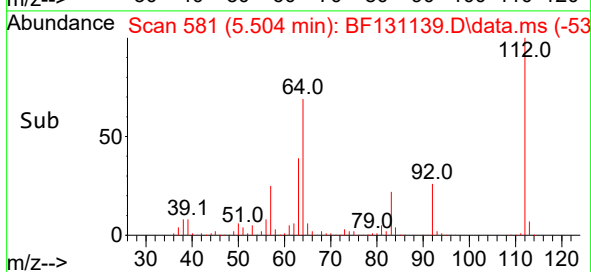
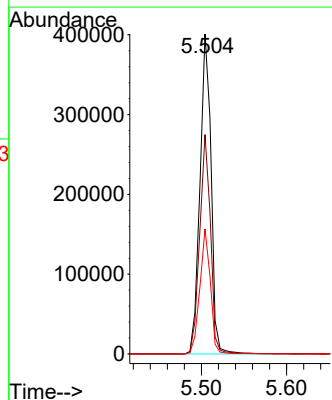
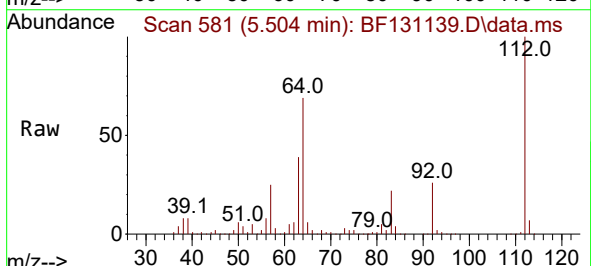
Instrument :
BNA_F
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SB-20

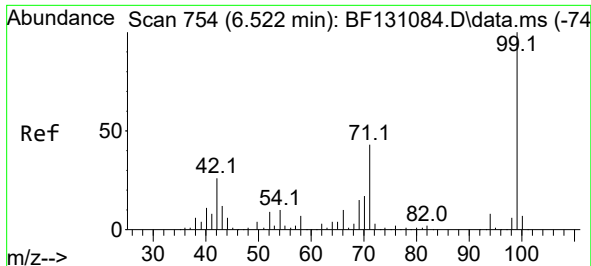
Tgt Ion:152 Resp: 56627
Ion Ratio Lower Upper
152 100
150 156.1 125.5 188.3
115 67.0 52.2 78.2



#5
2-Fluorophenol
Concen: 109.285 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion:112 Resp: 363896
Ion Ratio Lower Upper
112 100
64 68.5 55.1 82.7
63 39.0 32.4 48.6

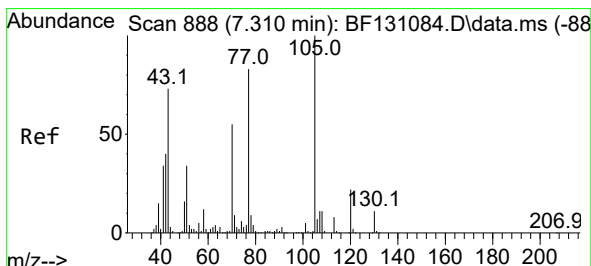
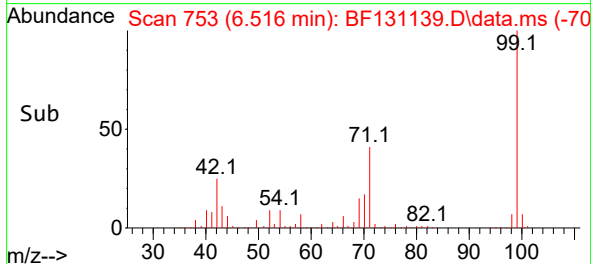
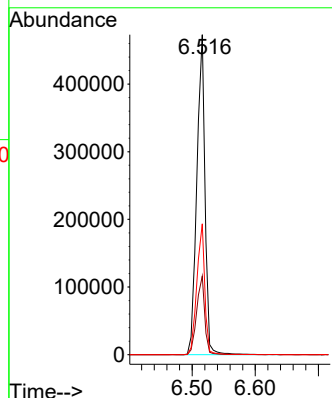
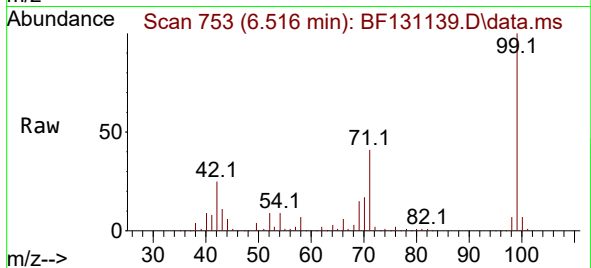




#7
Phenol-d6
Concen: 97.508 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

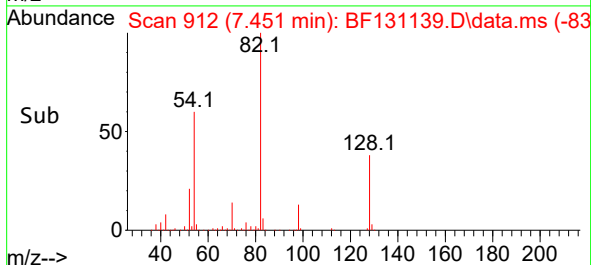
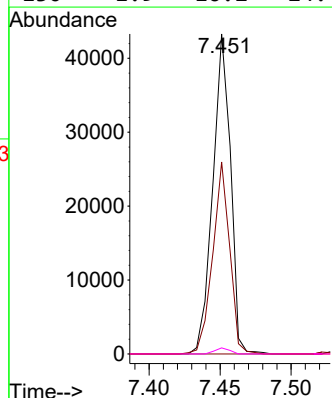
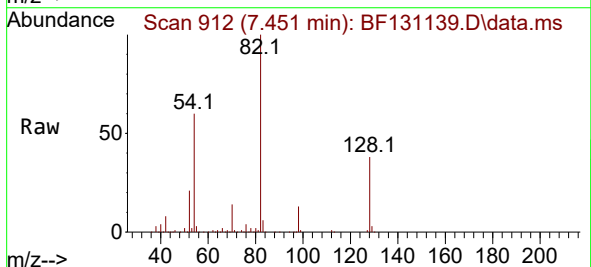
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ClientSampleId :
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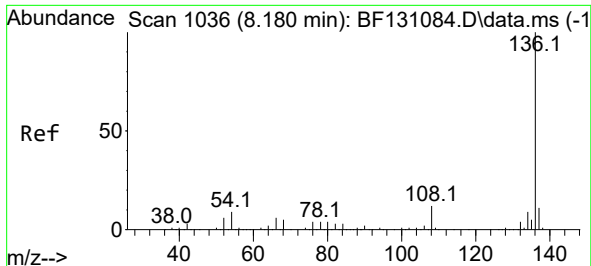
Tgt Ion: 99 Resp: 424479
Ion Ratio Lower Upper
99 100
42 24.5 20.8 31.2
71 40.9 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.103 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion: 70 Resp: 37453
Ion Ratio Lower Upper
70 100
42 60.0 58.3 87.5
101 0.0 7.4 11.2#
130 1.9 16.2 24.4#

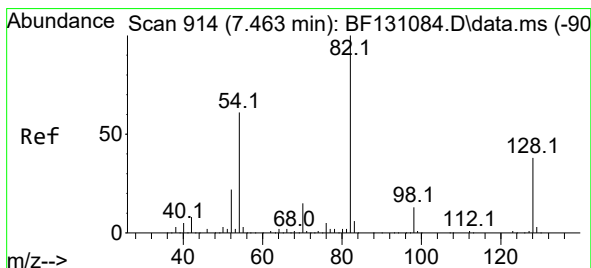
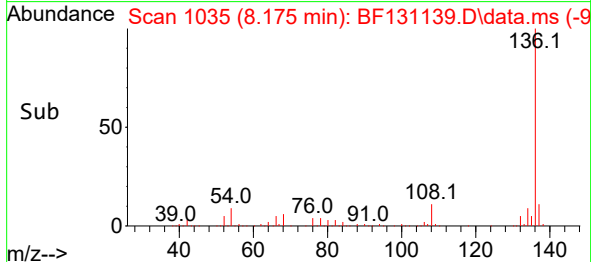
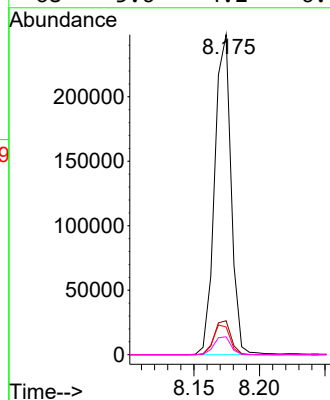
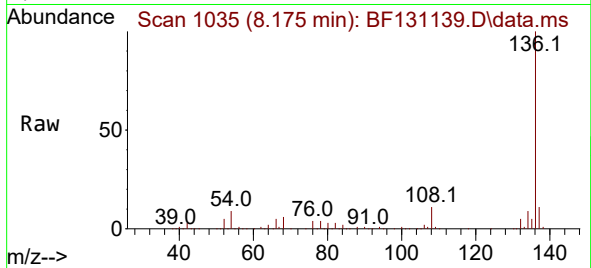




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

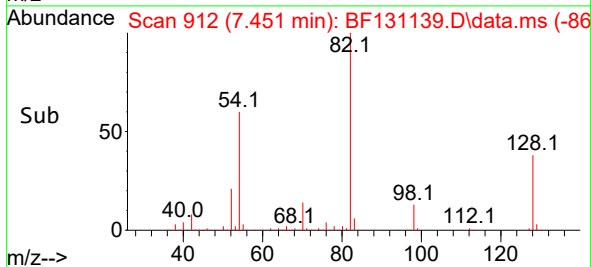
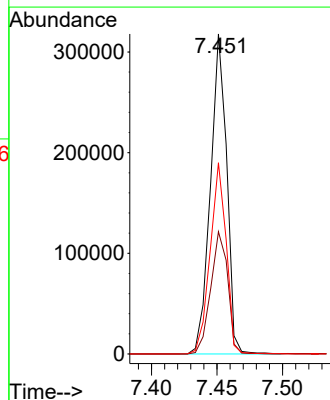
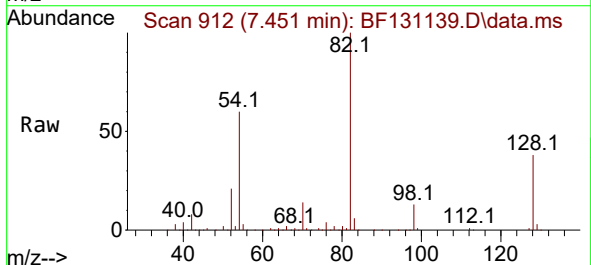
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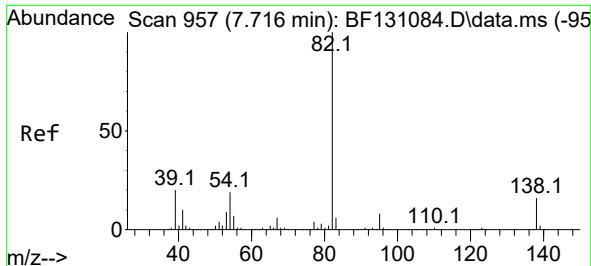
Tgt Ion:136 Resp: 216365
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.7 7.2 10.8
68 5.6 4.2 6.4



#23
Nitrobenzene-d5
Concen: 57.158 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion: 82 Resp: 274099
Ion Ratio Lower Upper
82 100
128 38.2 30.5 45.7
54 59.8 49.1 73.7

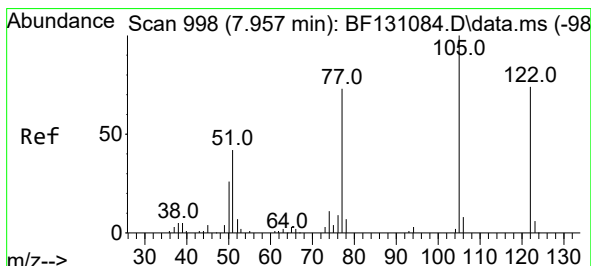
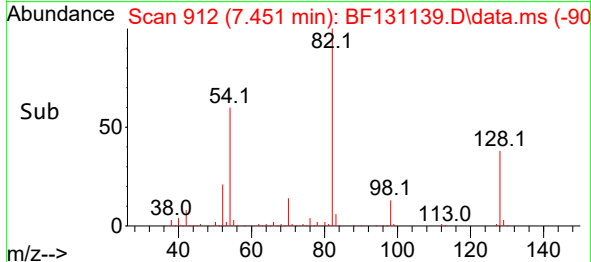
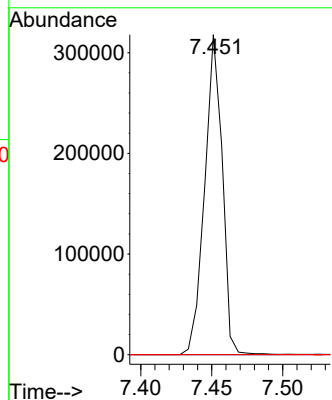
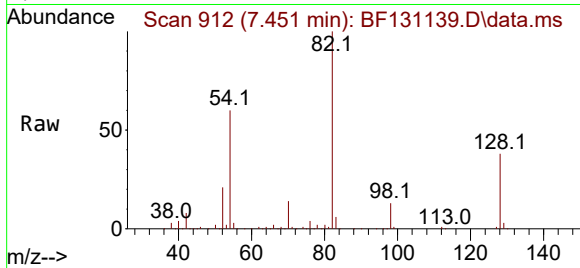




#25
Isophorone
Concen: 36.966 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

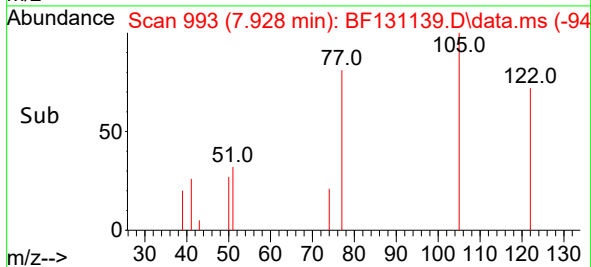
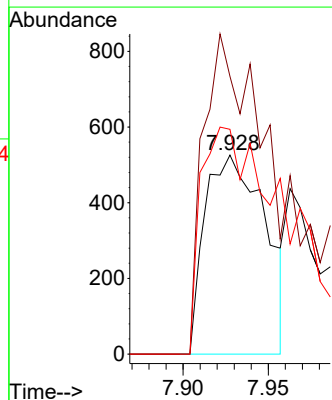
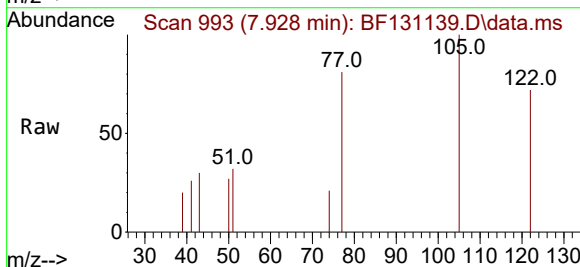
Instrument :
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ClientSampleId :
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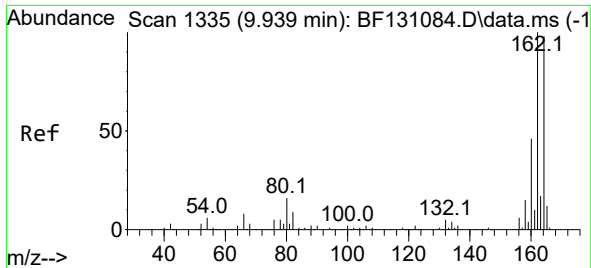
Tgt Ion: 82 Resp: 274094
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 6.229 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.029 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion: 122 Resp: 1289
Ion Ratio Lower Upper
122 100
105 139.5 113.0 153.0
77 112.9 78.7 118.7

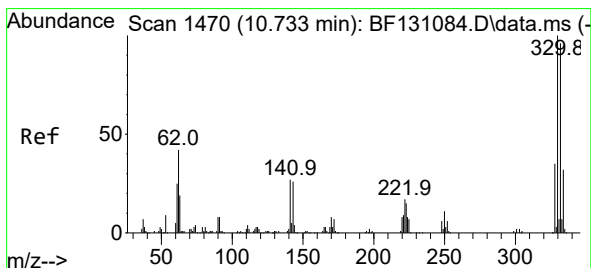
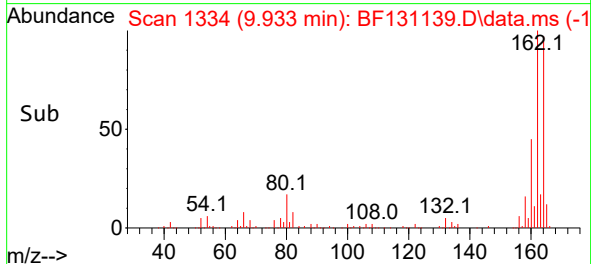
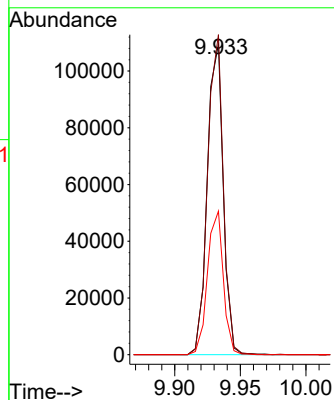
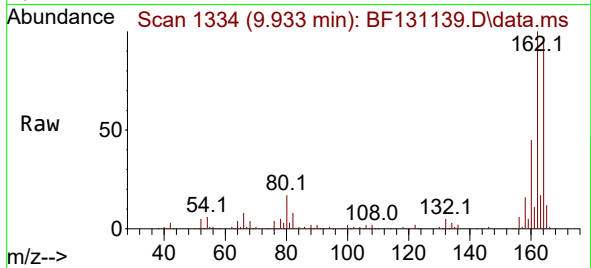




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

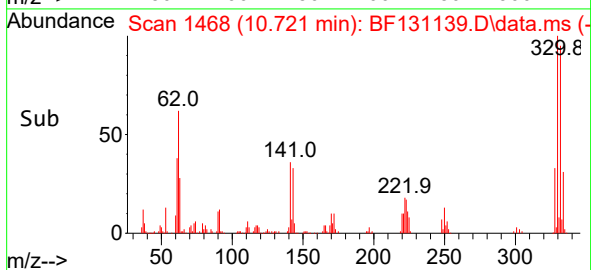
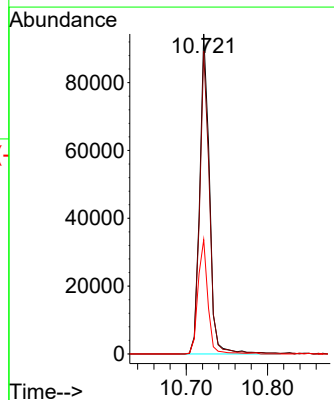
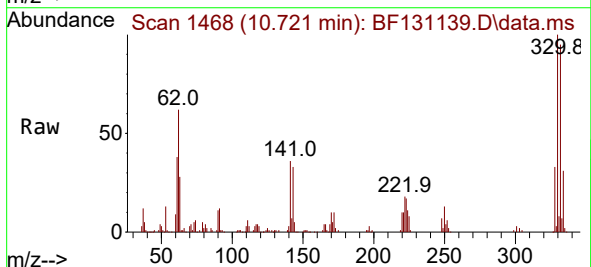
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ClientSampleId :
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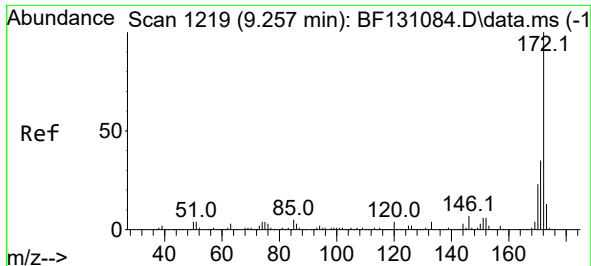
Tgt Ion:164 Resp: 93056
Ion Ratio Lower Upper
164 100
162 103.1 81.7 122.5
160 46.2 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 82.475 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion:330 Resp: 79317
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.4
141 36.1 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 62.175 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131139.D

Acq: 10 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

SB-20

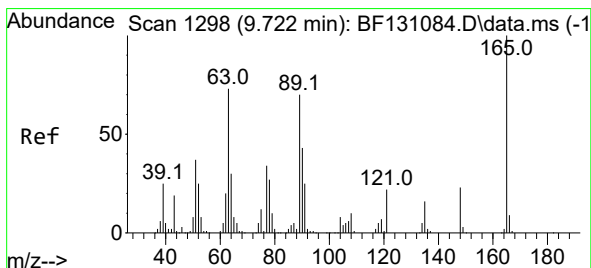
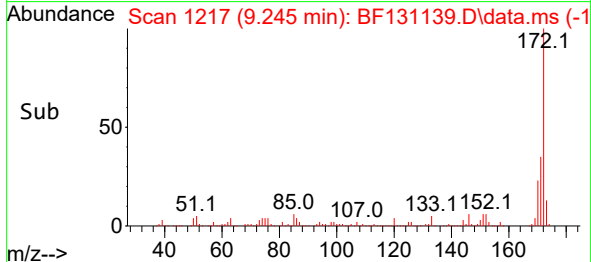
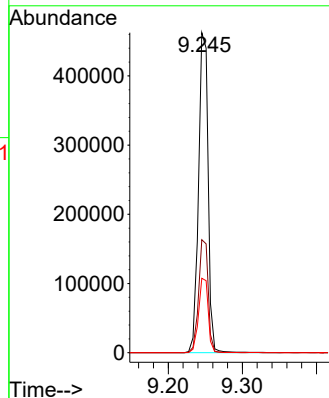
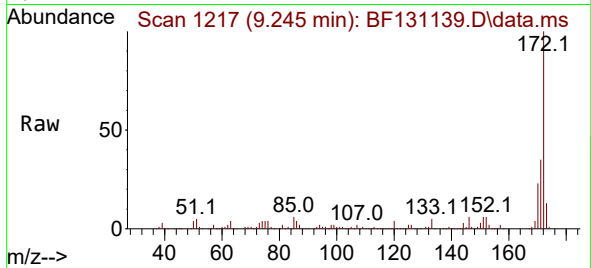
Tgt Ion:172 Resp: 414459

Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

170 23.3 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.477 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131139.D

Acq: 10 Nov 2022 23:44

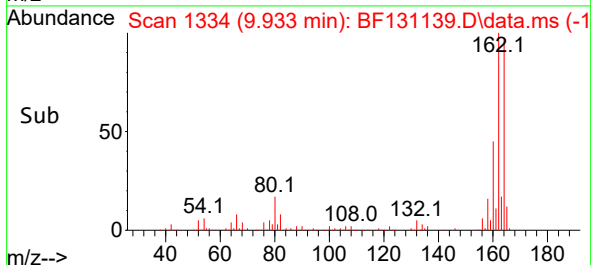
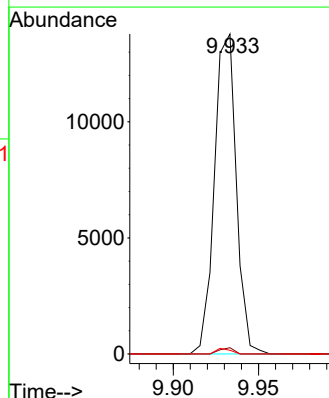
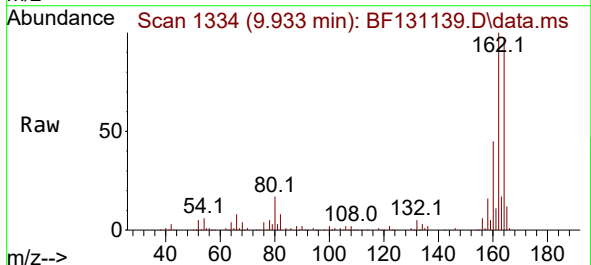
Tgt Ion:165 Resp: 12332

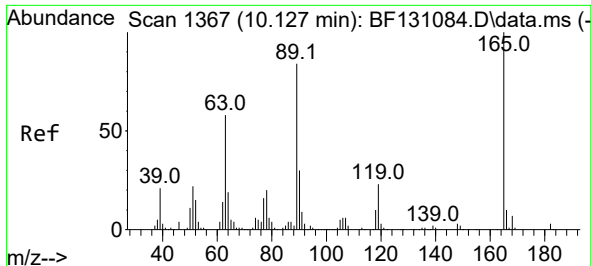
Ion Ratio Lower Upper

165 100

63 1.9 61.4 92.2#

89 1.2 56.0 84.0#

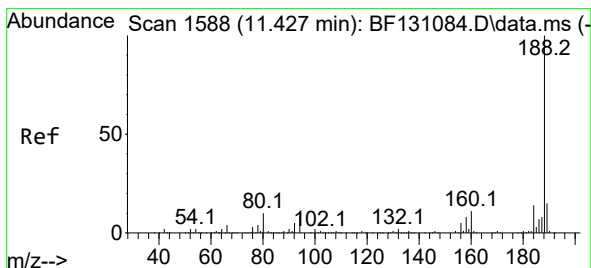
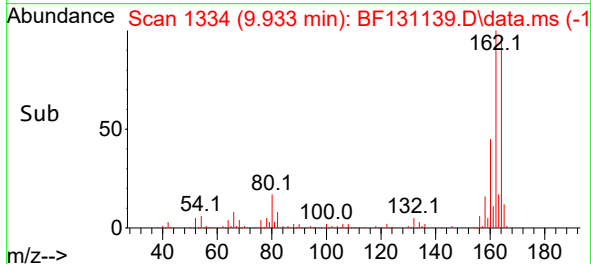
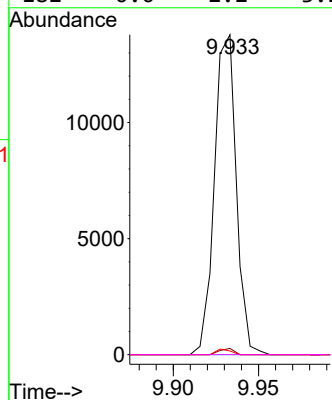
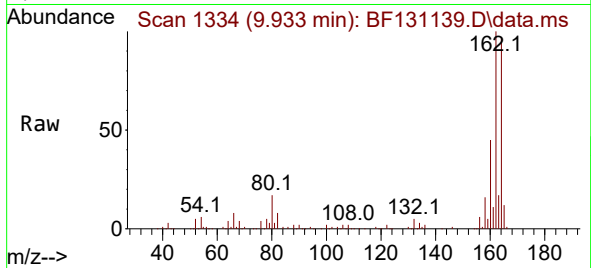




#57
2,4-Dinitrotoluene
Concen: 6.377 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

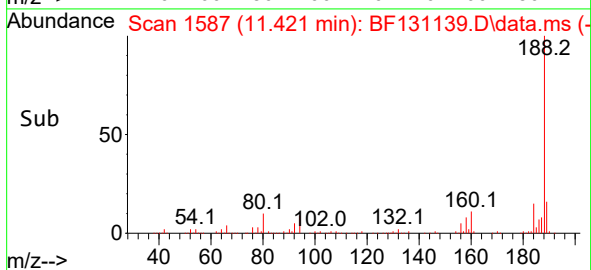
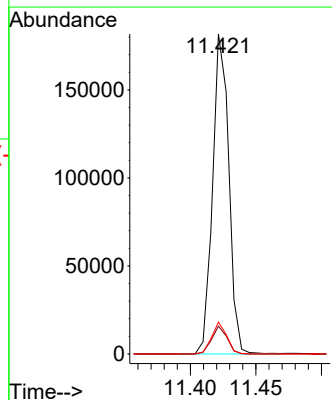
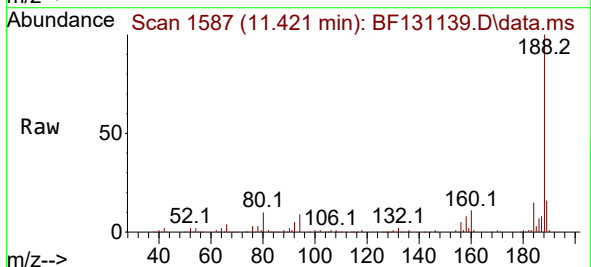
Instrument :
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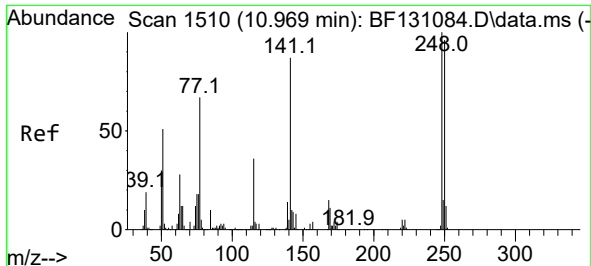
Tgt Ion:165 Resp: 12332
Ion Ratio Lower Upper
165 100
63 1.9 46.9 70.3#
89 1.2 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion:188 Resp: 156180
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.0 7.9 11.9

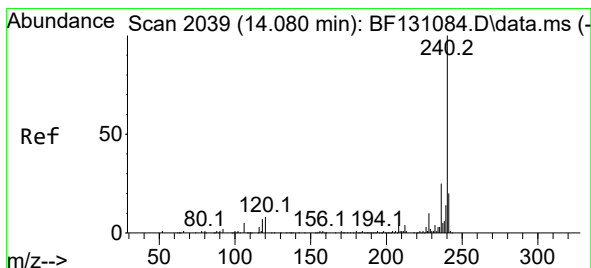
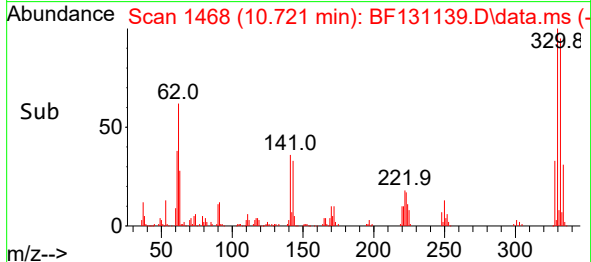
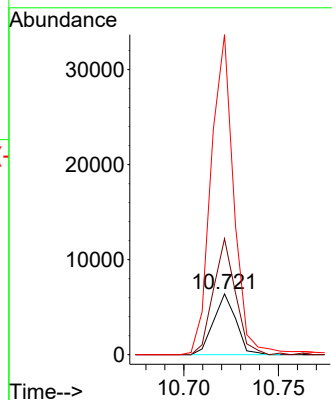
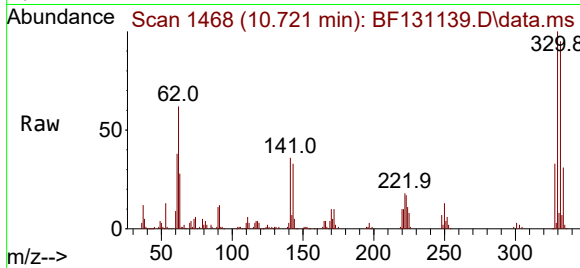




#67
4-Bromophenyl-phenylether
Concen: 2.981 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

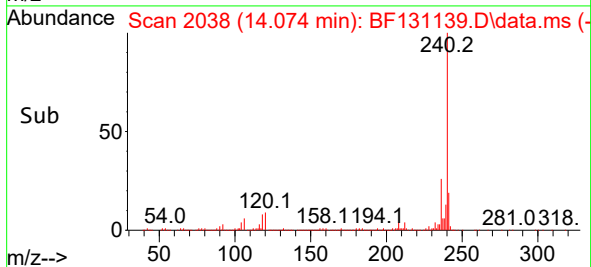
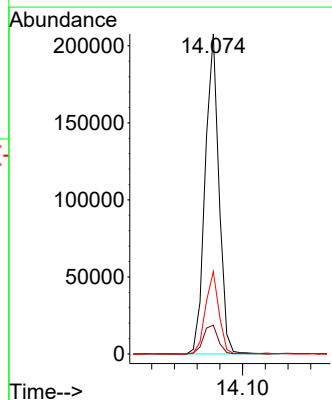
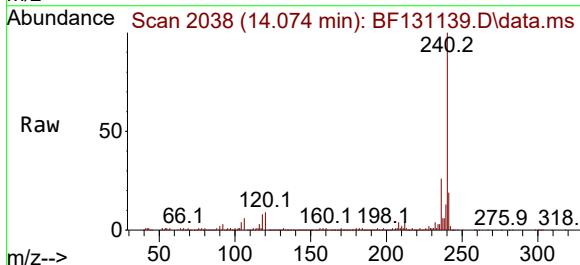
Instrument :
BNA_F
ClientSampleId :
SB-20

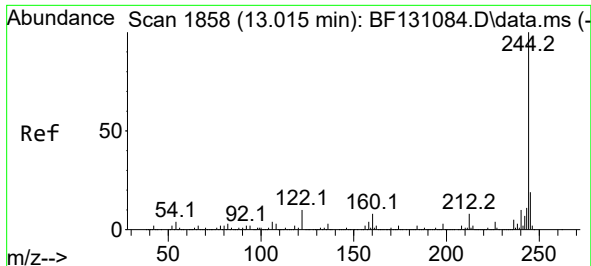
Tgt Ion:248 Resp: 5264
Ion Ratio Lower Upper
248 100
250 191.0 77.0 115.6#
141 526.7 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion:240 Resp: 174673
Ion Ratio Lower Upper
240 100
120 9.0 6.5 9.7
236 25.8 19.7 29.5

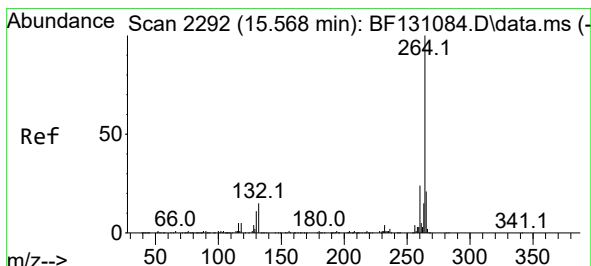
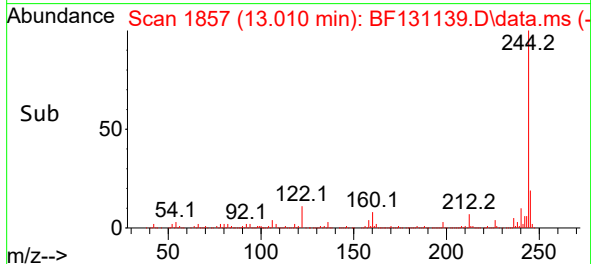
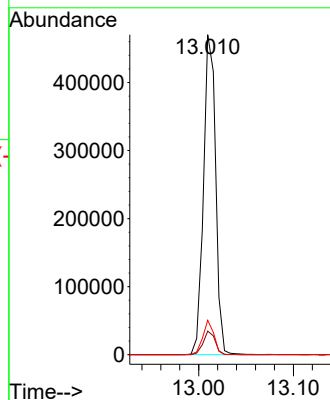
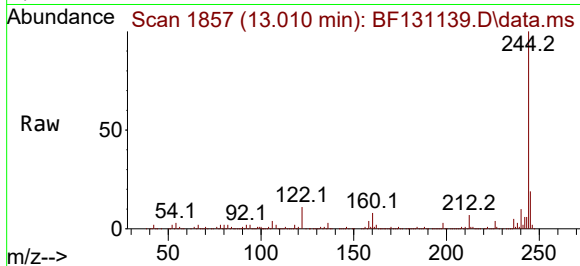




#79
 Terphenyl-d14
 Concen: 42.181 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.005 min
 Lab File: BF131139.D
 Acq: 10 Nov 2022 23:44

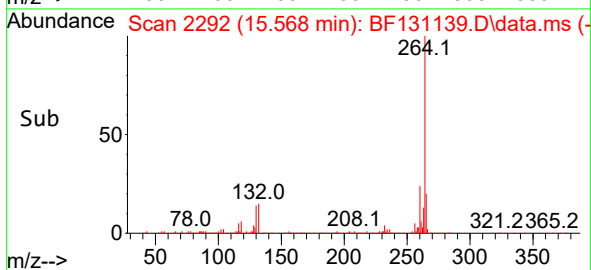
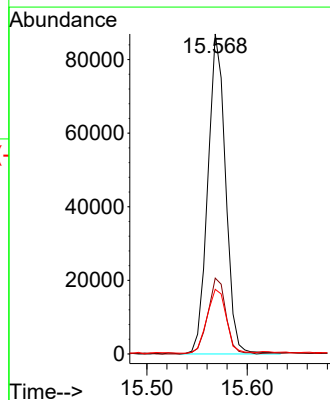
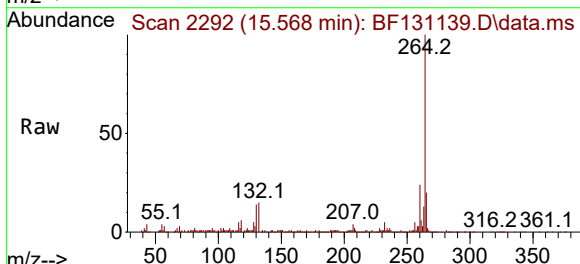
Instrument :
 BNA_F
 ClientSampleId :
 SB-20

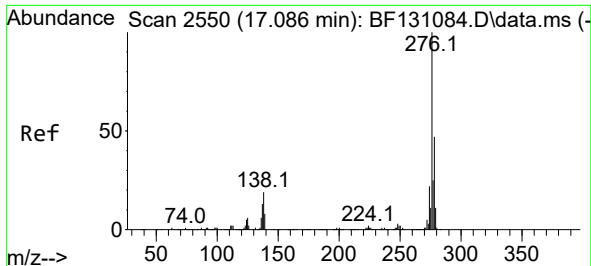
Tgt Ion:244 Resp: 420227
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131139.D
 Acq: 10 Nov 2022 23:44

Tgt Ion:264 Resp: 107283
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.2 16.7 25.1

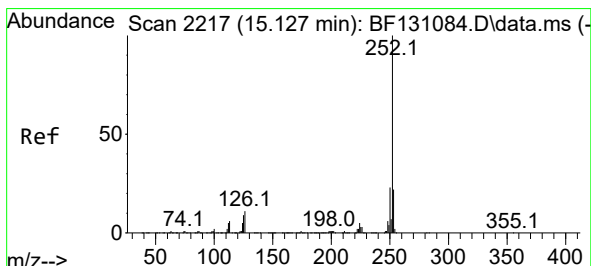
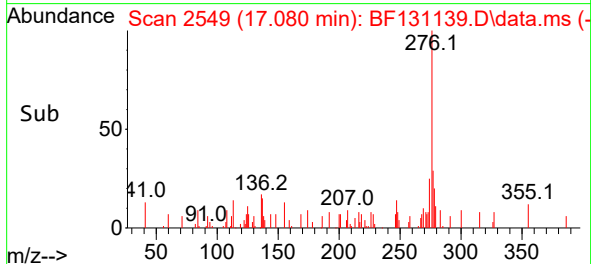
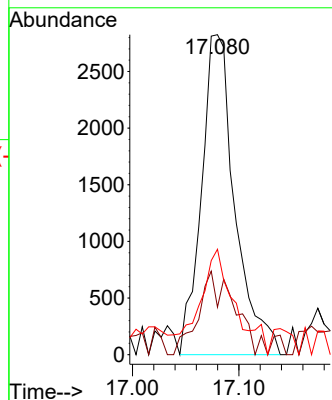
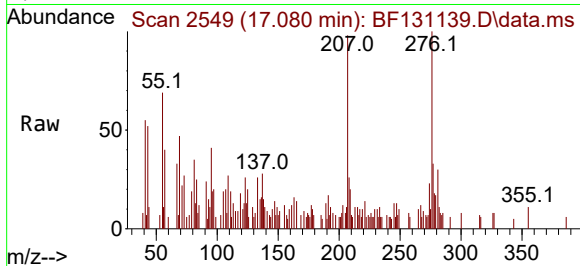




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.513 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131139.D
 Acq: 10 Nov 2022 23:44

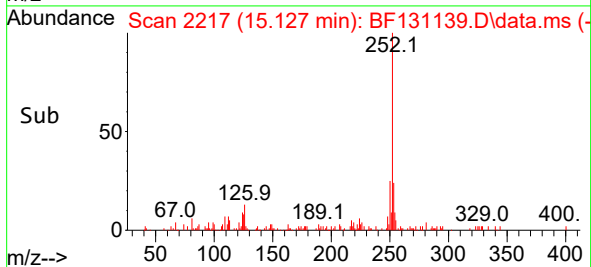
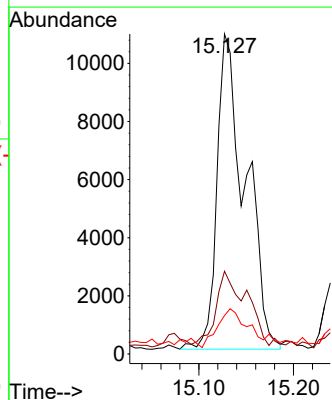
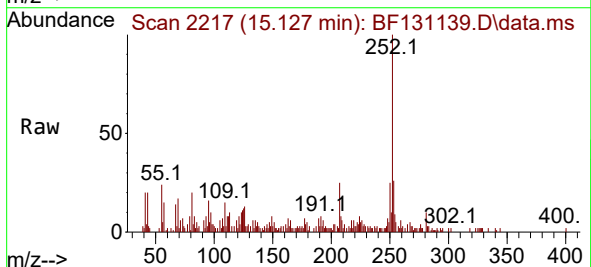
Instrument :
 BNA_F
 ClientSampleId :
 SB-20

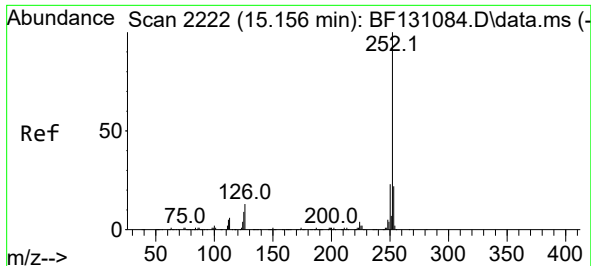
Tgt Ion:276 Resp: 6188
 Ion Ratio Lower Upper
 276 100
 138 28.3 16.9 25.3#
 277 34.3 20.3 30.5#



#88
 Benzo(b)fluoranthene
 Concen: 2.973 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.000 min
 Lab File: BF131139.D
 Acq: 10 Nov 2022 23:44

Tgt Ion:252 Resp: 22552
 Ion Ratio Lower Upper
 252 100
 253 25.8 17.3 25.9
 125 12.0 7.2 10.8#

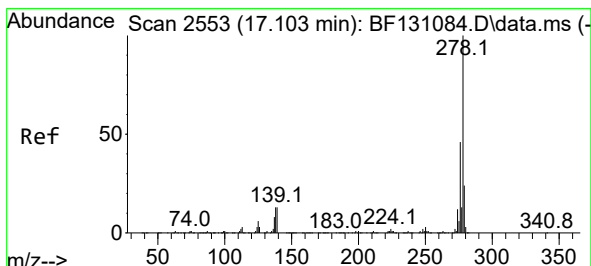
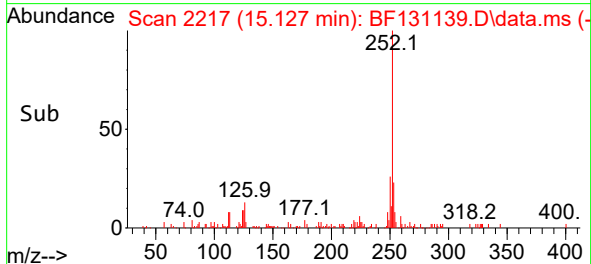
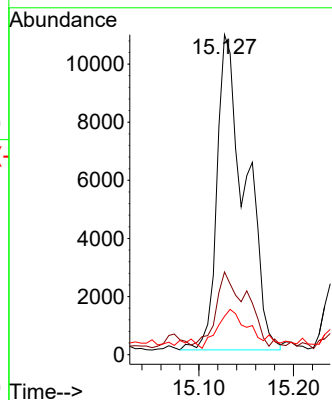
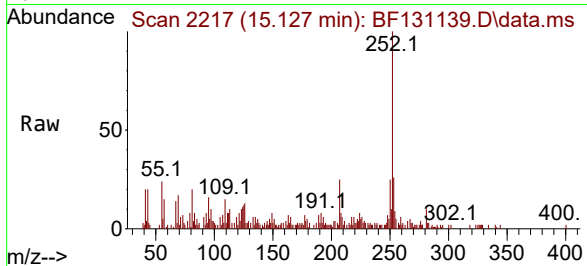




#89
Benzo(k)fluoranthene
Concen: 3.093 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

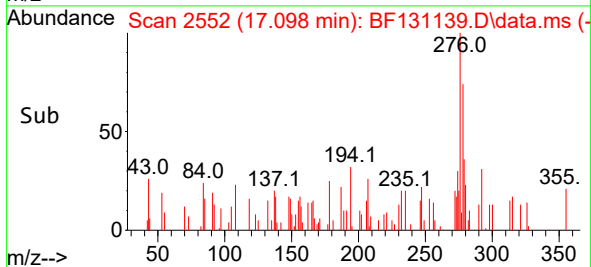
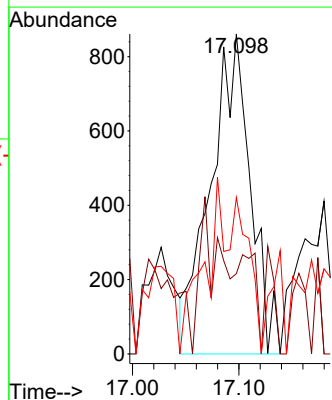
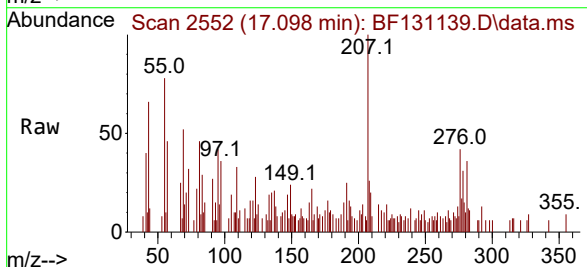
Instrument :
BNA_F
ClientSampleId :
SB-20

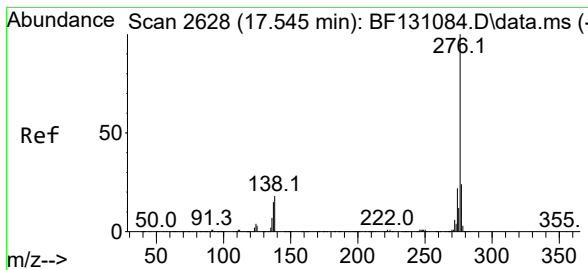
Tgt Ion:252 Resp: 22552
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 12.0 7.5 11.3#



#91
Dibenzo(a,h)anthracene
Concen: 4.130 ng
RT: 17.098 min Scan# 2552
Delta R.T. -0.005 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

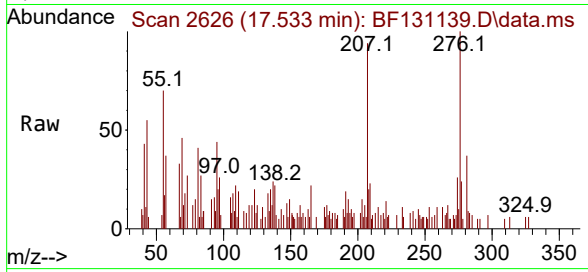
Tgt Ion:278 Resp: 2251
Ion Ratio Lower Upper
278 100
139 25.1 10.8 16.2#
279 48.9 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 5.188 ng
 RT: 17.533 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF131139.D
 Acq: 10 Nov 2022 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-20



Tgt Ion:	276	Resp:	6821
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.4
138	22.2	14.6	21.8#

