

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131048.D
 Acq On : 07 Nov 2022 17:43
 Operator : CG\JU
 Sample : N5415-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-18

Quant Time: Nov 08 02:17:07 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)

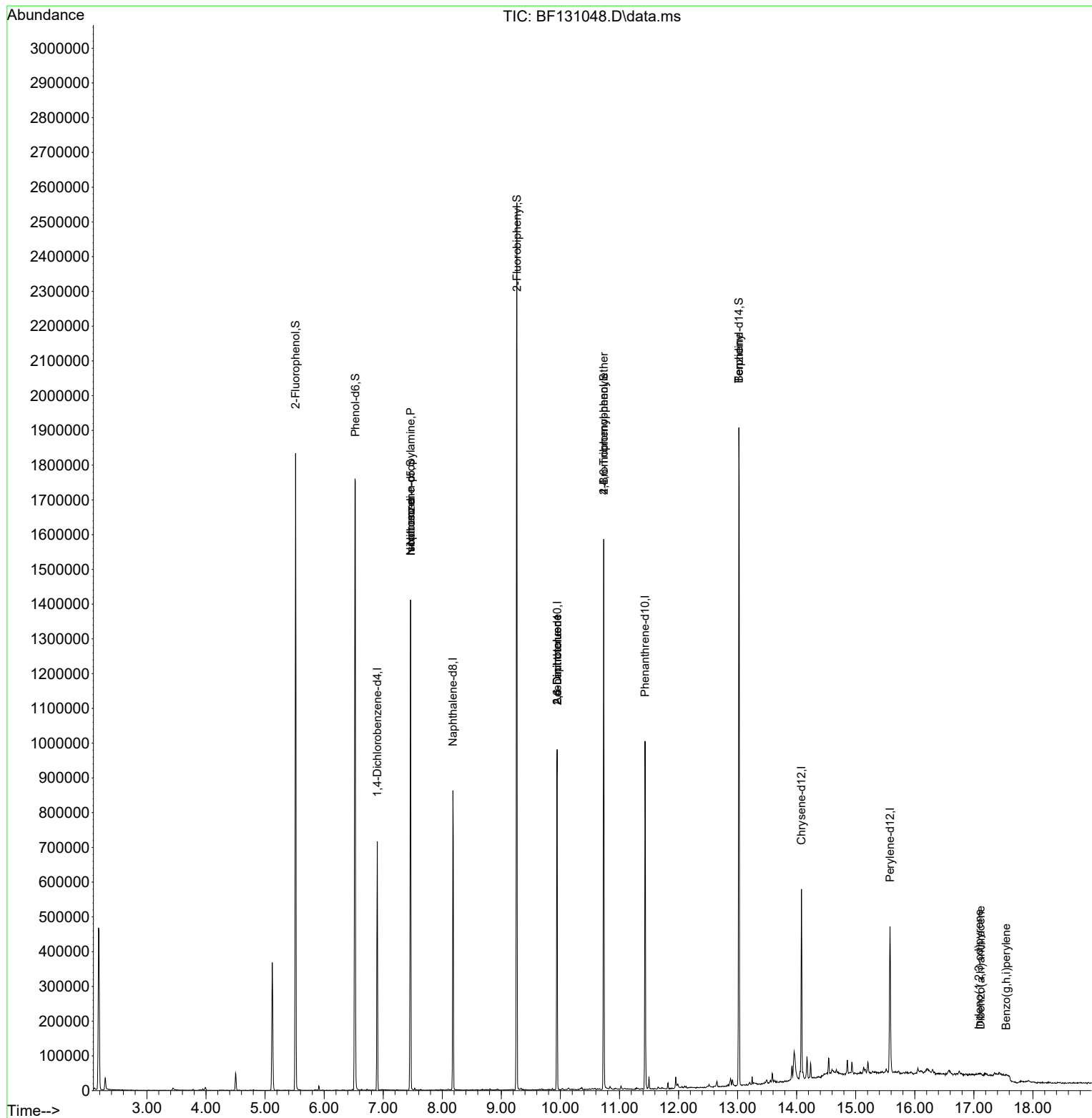
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	88318	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	352962	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	192417	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	342565	20.000	ng	0.00
76) Chrysene-d12	14.080	240	178043	20.000	ng	-0.01
86) Perylene-d12	15.580	264	186414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	424058	77.424	ng	0.00
7) Phenol-d6	6.528	99	613919	91.834	ng	0.00
23) Nitrobenzene-d5	7.463	82	405601	53.266	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	152372	71.926	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	725579	51.390	ng	0.00
79) Terphenyl-d14	13.022	244	657005	59.163	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	56343	11.826	ng	# 73
25) Isophorone	7.463	82	405595	31.076	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	25863	8.176	ng	# 18
55) Dibenzofuran	10.139	168	236	Below Cal		# 42
57) 2,4-Dinitrotoluene	9.945	165	25863	6.293	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	9956	2.313	ng	# 1
77) Benzidine	13.022	184	9745	2.029	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.086	276	2884	3.493	ng	# 83
91) Dibenzo(a,h)anthracene	17.115	278	1793	3.437	ng	# 94
92) Benzo(g,h,i)perylene	17.545	276	2975	3.603	ng	# 88

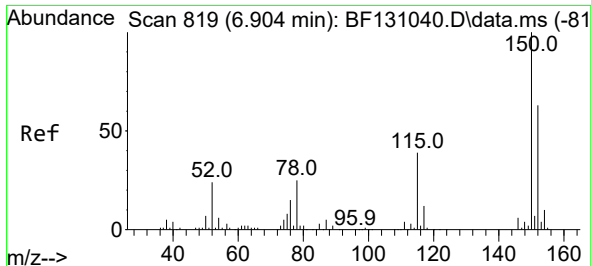
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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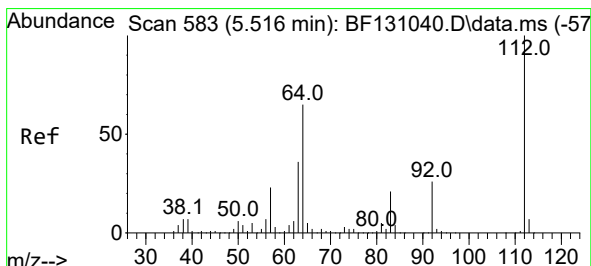
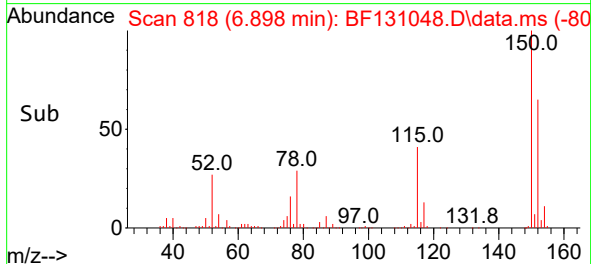
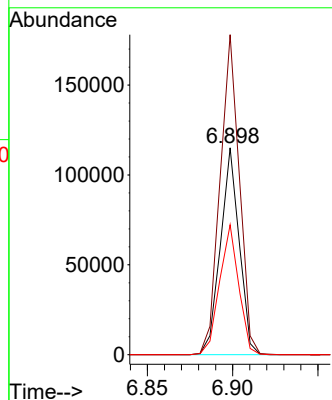
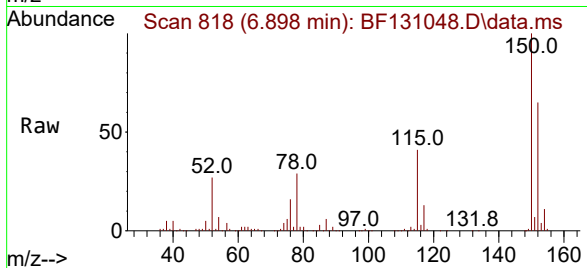




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

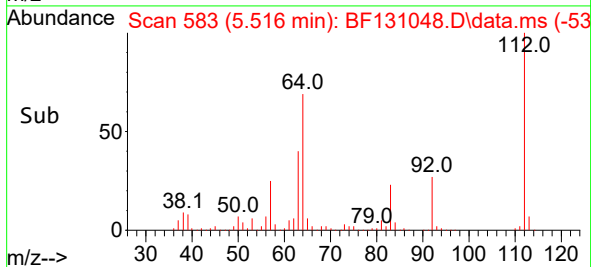
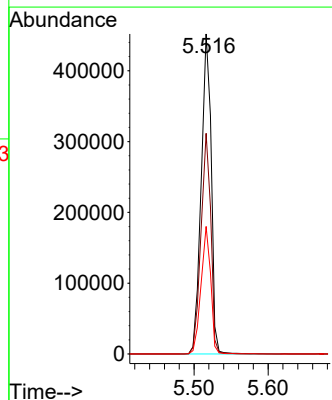
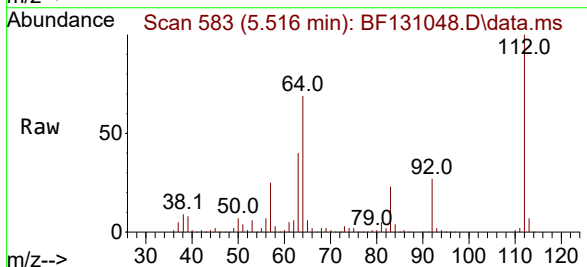
Instrument :
BNA_F
ClientSampleId :
R-18

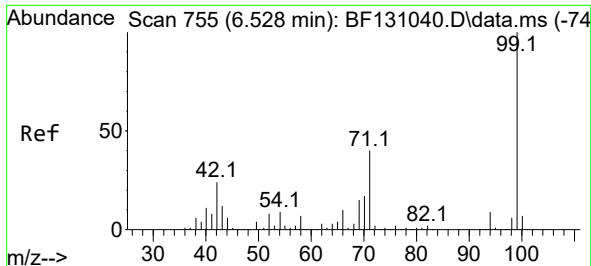
Tgt Ion:152 Resp: 88318
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 62.8 49.1 73.7



#5
2-Fluorophenol
Concen: 77.424 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion:112 Resp: 424058
Ion Ratio Lower Upper
112 100
64 69.0 52.2 78.4
63 39.8 29.0 43.4

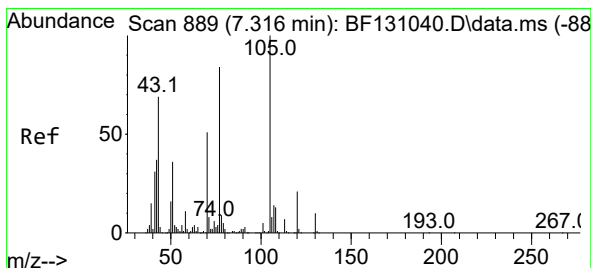
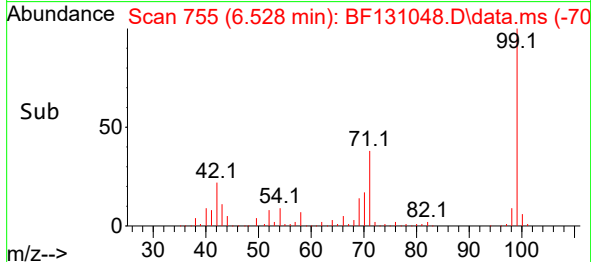
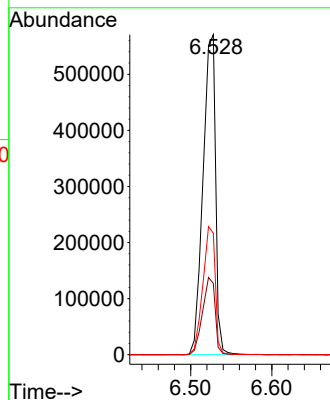
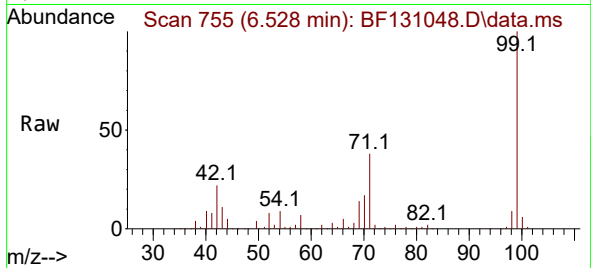




#7
Phenol-d6
Concen: 91.834 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

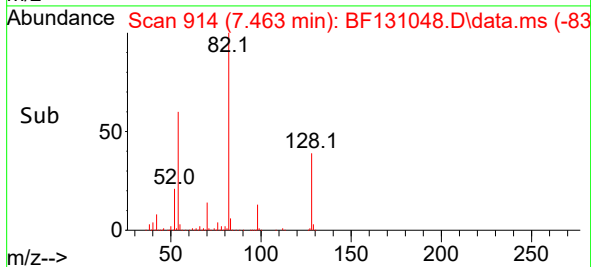
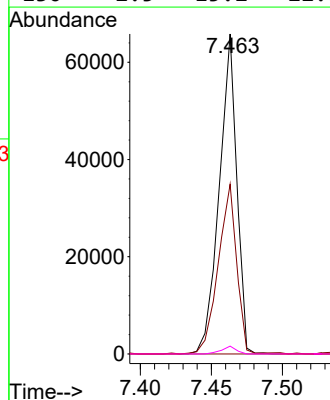
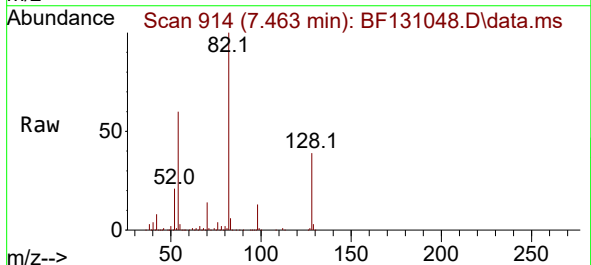
Instrument :
BNA_F
ClientSampleId :
R-18

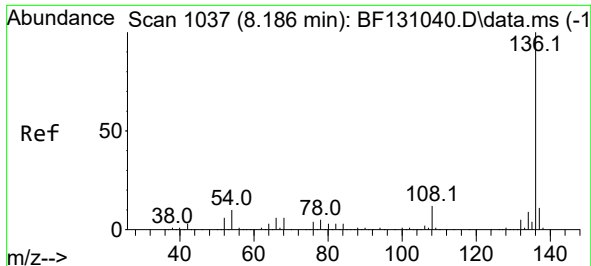
Tgt Ion: 99 Resp: 613919
Ion Ratio Lower Upper
99 100
42 22.2 19.4 29.0
71 38.0 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.826 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion: 70 Resp: 56343
Ion Ratio Lower Upper
70 100
42 53.0 59.0 88.4#
101 0.0 8.0 12.0#
130 2.5 15.2 22.8#



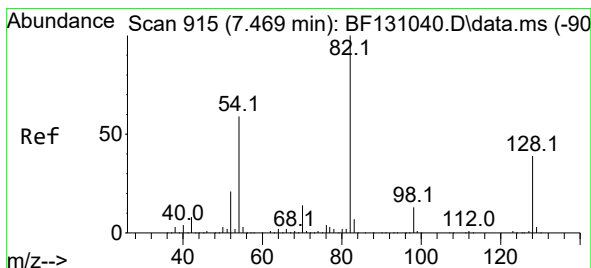
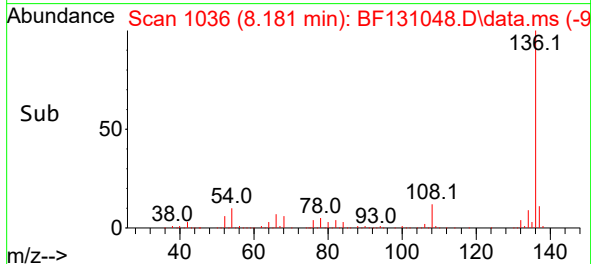
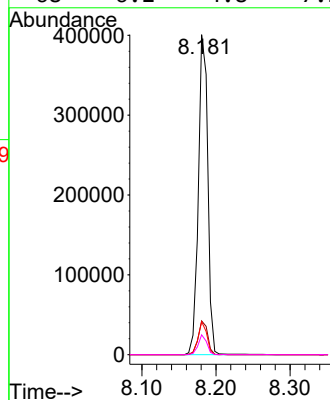
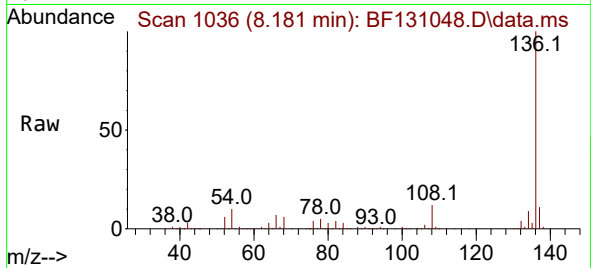


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Instrument :
BNA_F
ClientSampleId :
R-18

Tgt Ion:136 Resp: 352962

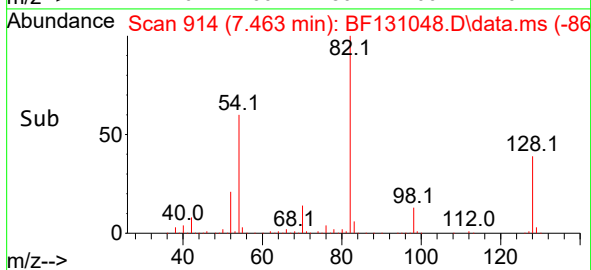
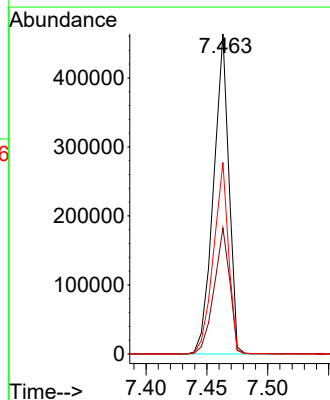
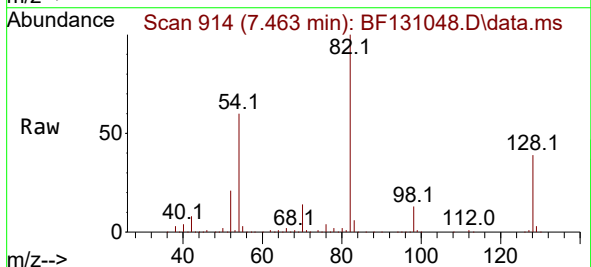
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.3	8.2	12.2
68	6.2	4.8	7.2

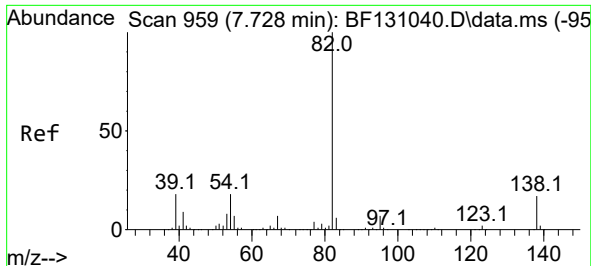


#23
Nitrobenzene-d5
Concen: 53.266 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion: 82 Resp: 405601

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	59.9	47.2	70.8

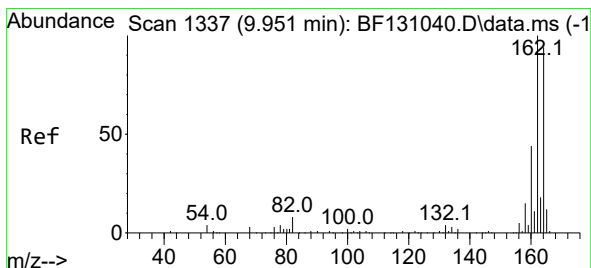
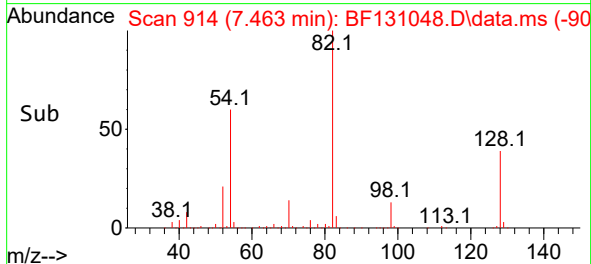
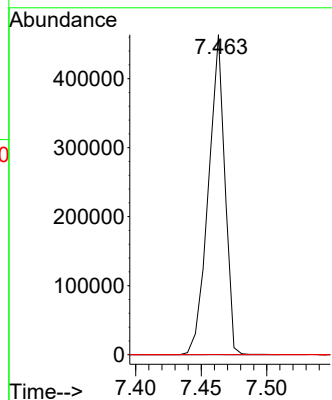
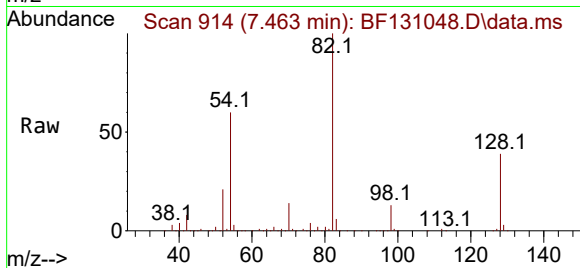




#25
Isophorone
Concen: 31.076 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.264 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

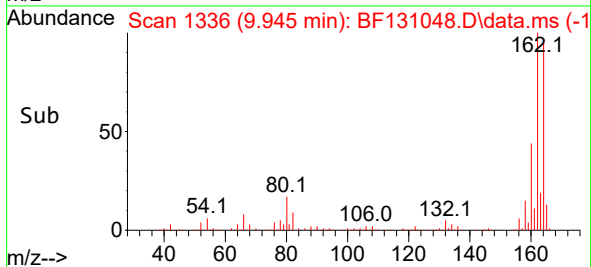
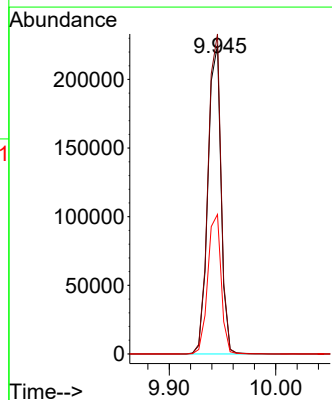
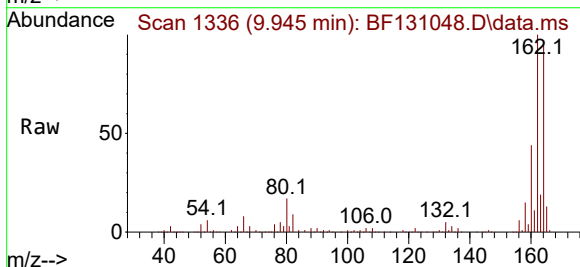
Instrument :
BNA_F
ClientSampleId :
R-18

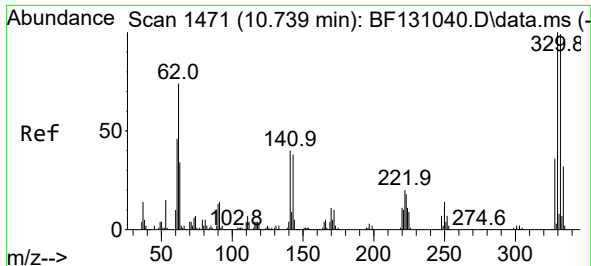
Tgt Ion: 82 Resp: 405595
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion: 164 Resp: 192417
Ion Ratio Lower Upper
164 100
162 103.5 85.0 127.6
160 45.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 71.926 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

Instrument :

BNA_F

ClientSampleId :

R-18

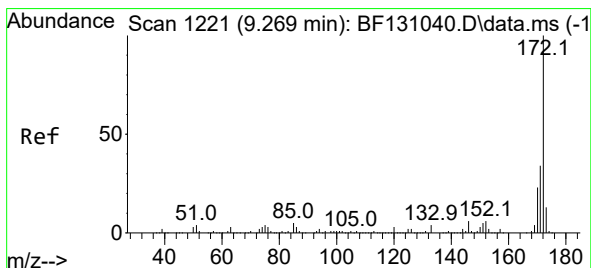
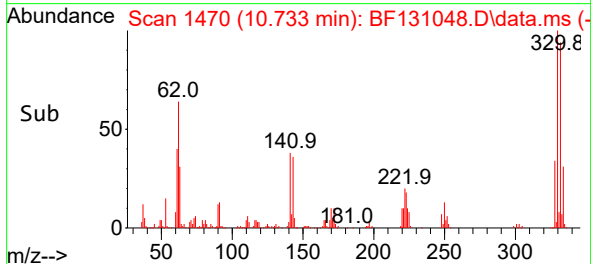
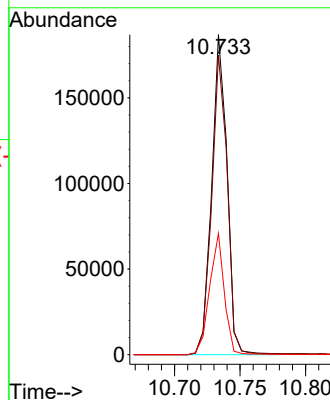
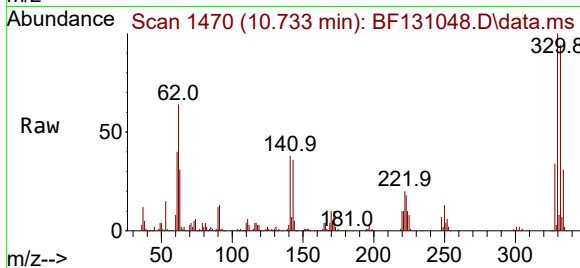
Tgt Ion:330 Resp: 152372

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 36.5 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 51.390 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

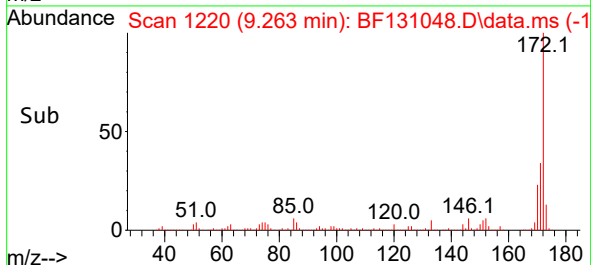
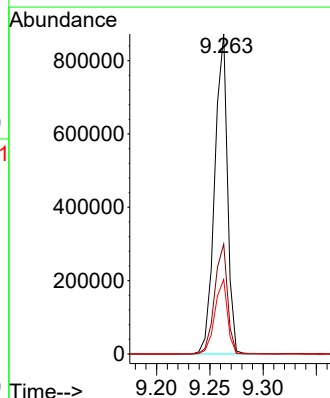
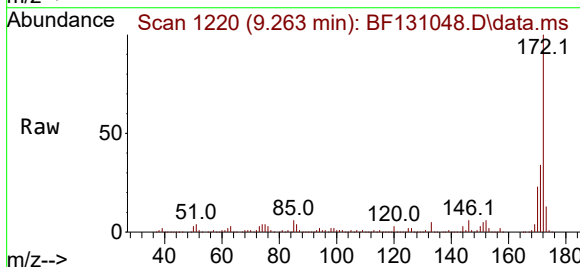
Tgt Ion:172 Resp: 725579

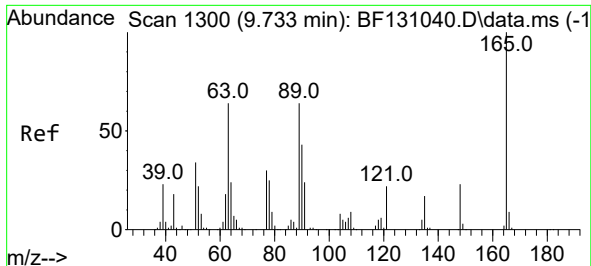
Ion Ratio Lower Upper

172 100

171 34.3 27.7 41.5

170 23.2 18.4 27.6

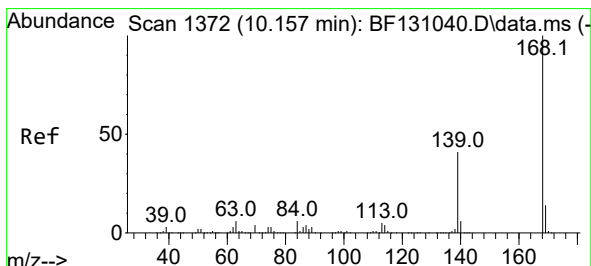
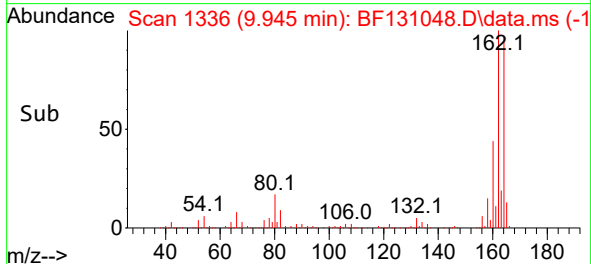
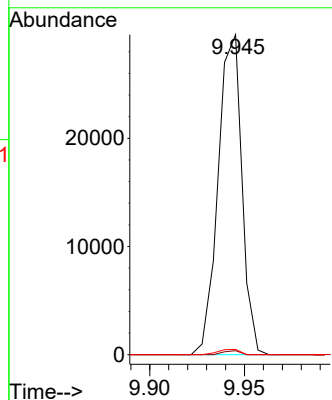
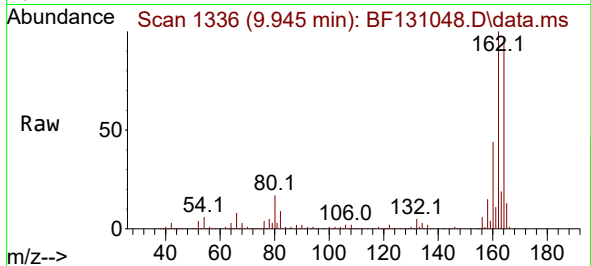




#51
2,6-Dinitrotoluene
Concen: 8.176 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

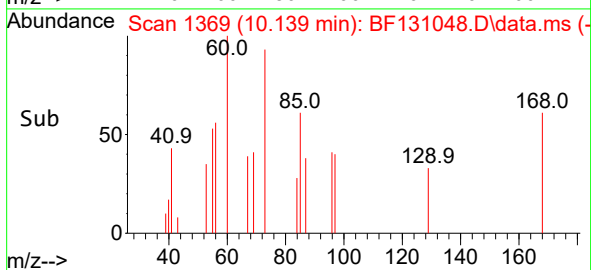
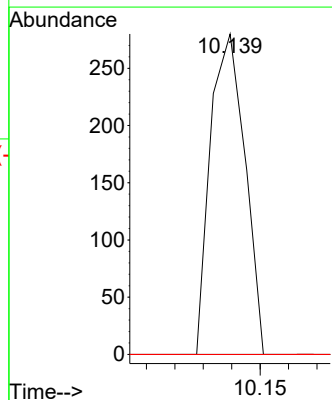
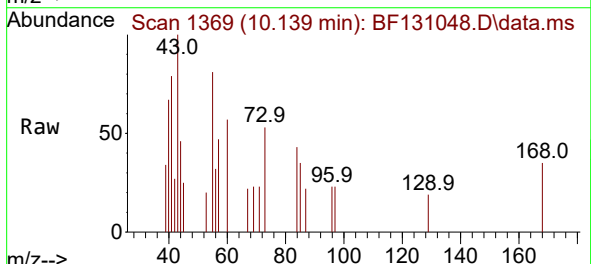
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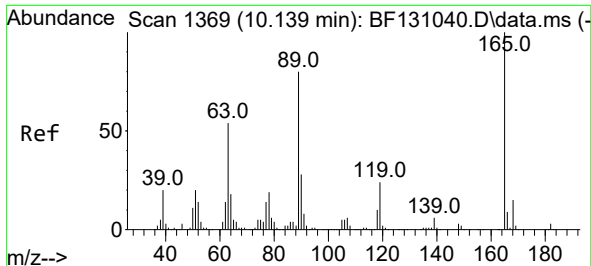
Tgt Ion:165 Resp: 25863
Ion Ratio Lower Upper
165 100
63 1.3 57.2 85.8#
89 1.6 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.139 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion:168 Resp: 236
Ion Ratio Lower Upper
168 100
139 0.0 33.0 49.6#
169 0.0 11.3 16.9#

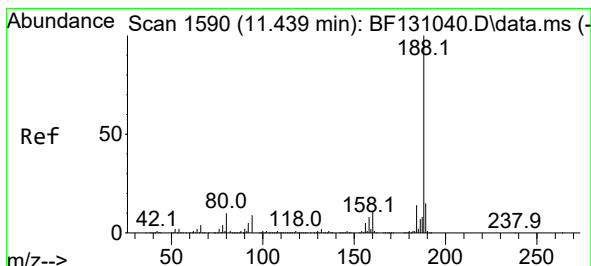
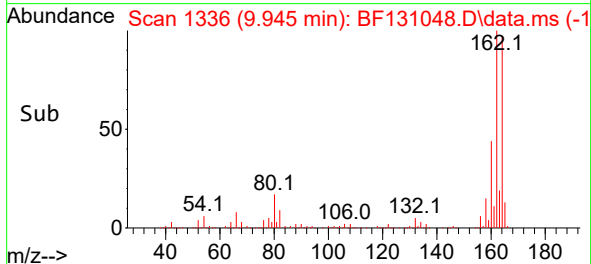
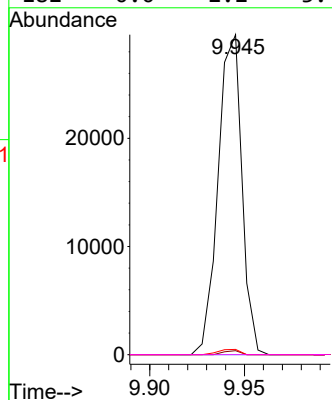
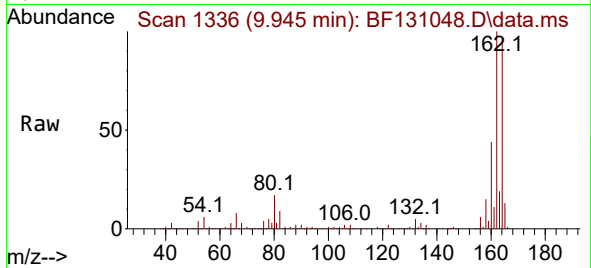




#57
2,4-Dinitrotoluene
Concen: 6.293 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

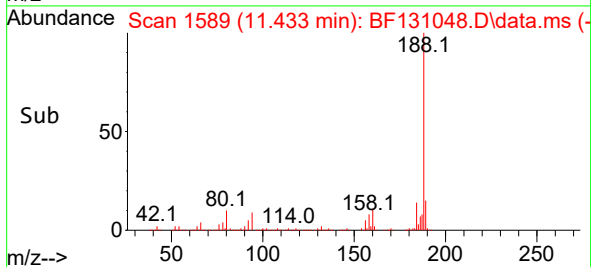
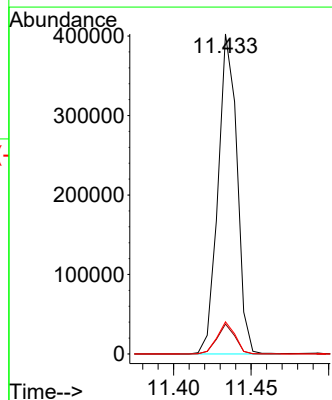
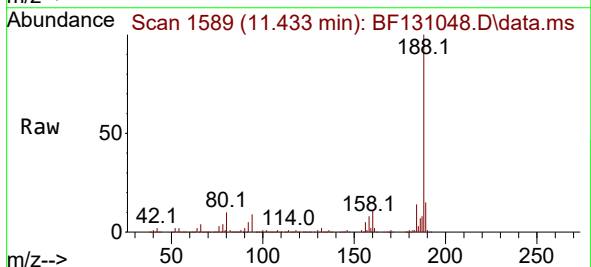
Instrument :
BNA_F
ClientSampleId :
R-18

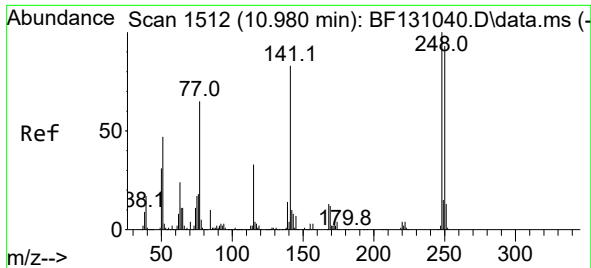
Tgt Ion:165 Resp: 25863
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.6 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion:188 Resp: 342565
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.0 8.1 12.1

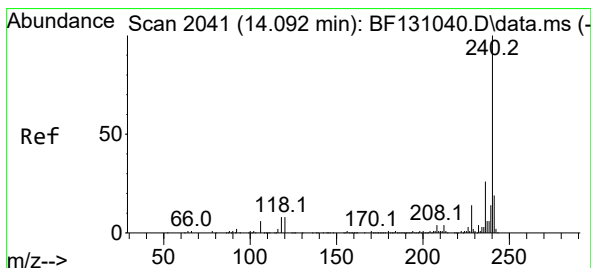
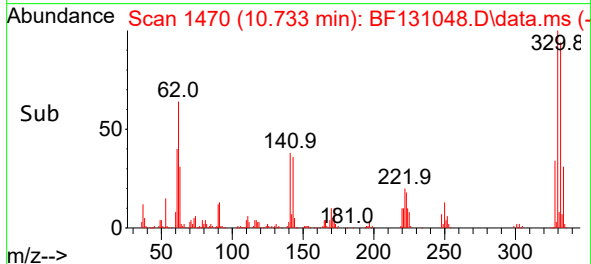
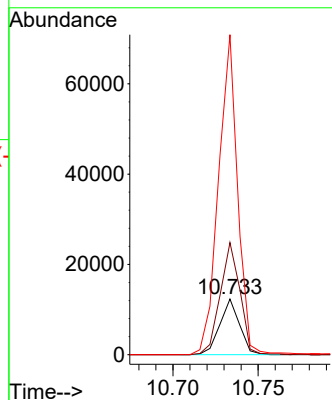
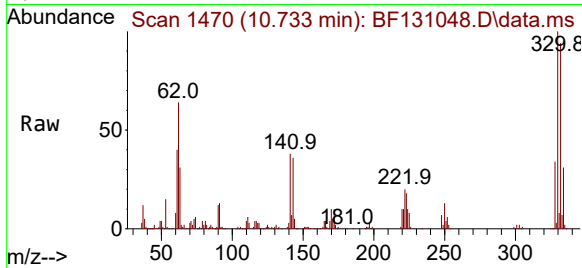




#67
4-Bromophenyl-phenylether
Concen: 2.313 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

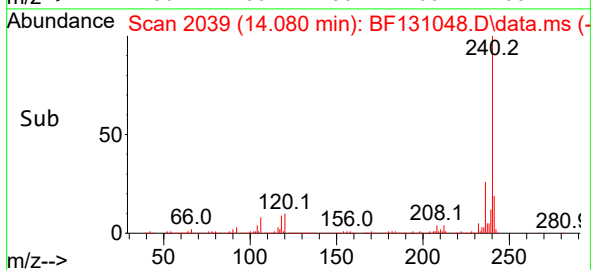
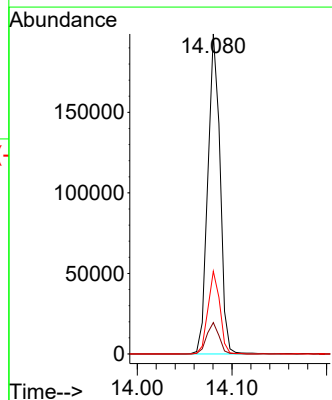
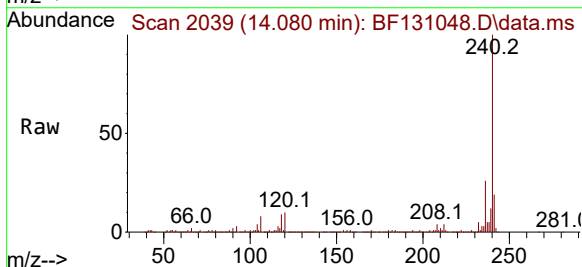
Instrument :
BNA_F
ClientSampleId :
R-18

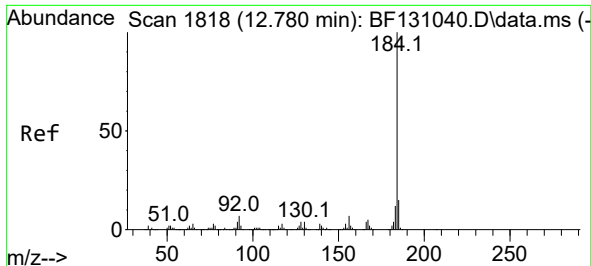
Tgt Ion:248 Resp: 9956
Ion Ratio Lower Upper
248 100
250 201.1 74.6 112.0#
141 574.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.011 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion:240 Resp: 178043
Ion Ratio Lower Upper
240 100
120 9.8 6.7 10.1
236 25.8 20.8 31.2

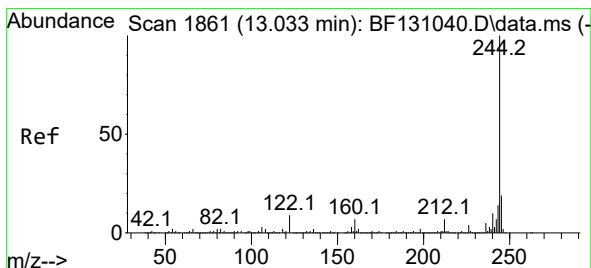
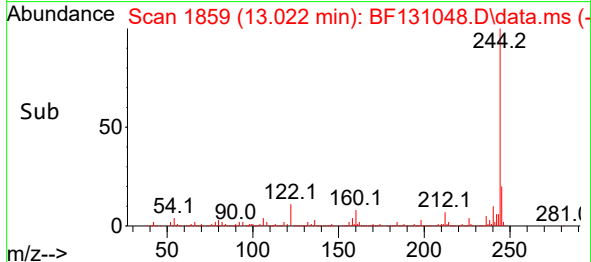
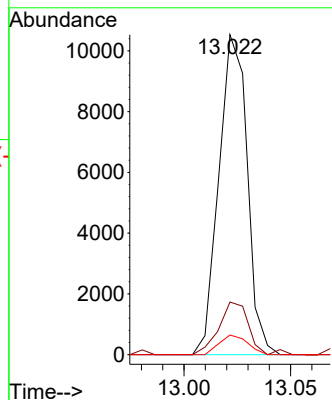
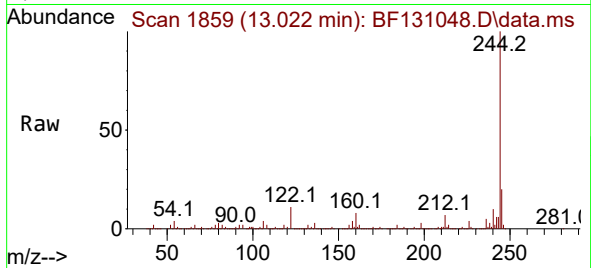




#77
Benzidine
Concen: 2.029 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.242 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

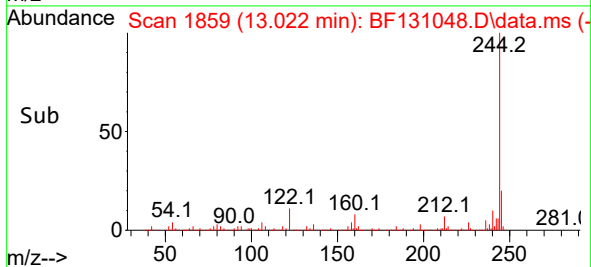
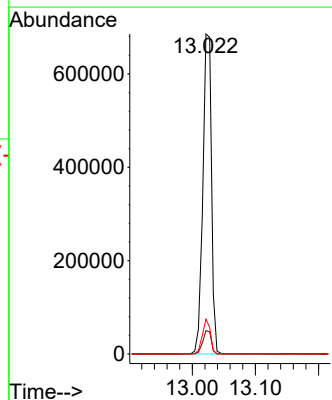
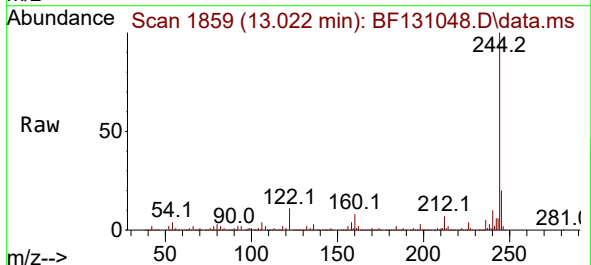
Instrument :
BNA_F
ClientSampleId :
R-18

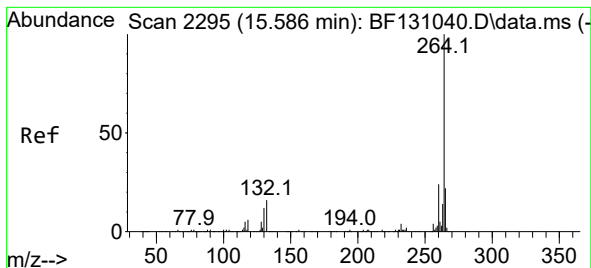
Tgt Ion:184 Resp: 9745
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 6.1 10.0 15.0#



#79
Terphenyl-d14
Concen: 59.163 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.011 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion:244 Resp: 657005
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.9 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: BF131048.D

Acq: 07 Nov 2022 17:43

Instrument :

BNA_F

ClientSampleId :

R-18

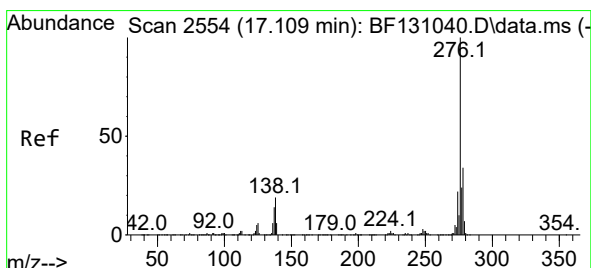
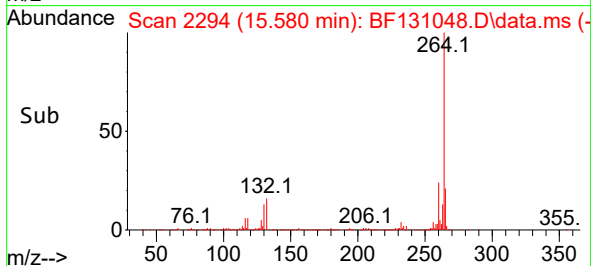
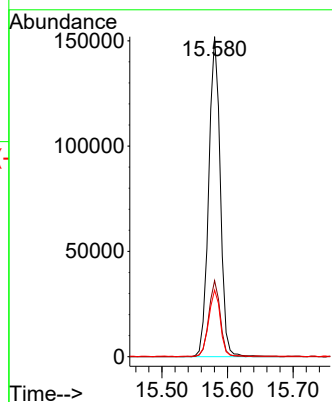
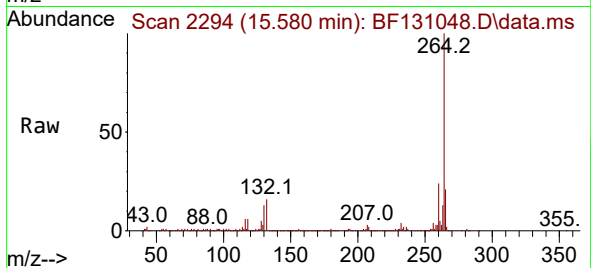
Tgt Ion:264 Resp: 186414

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 20.8 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.493 ng

RT: 17.086 min Scan# 2550

Delta R.T. -0.023 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

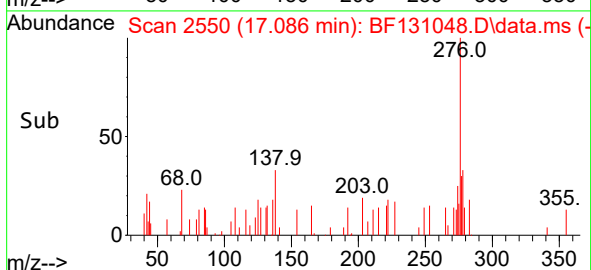
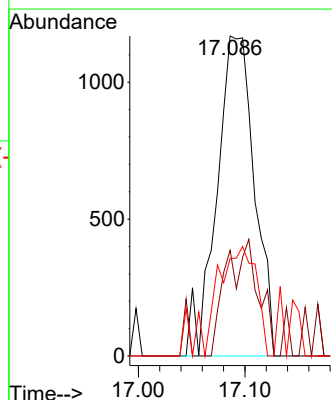
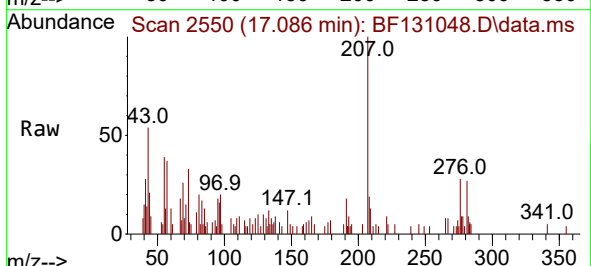
Tgt Ion:276 Resp: 2884

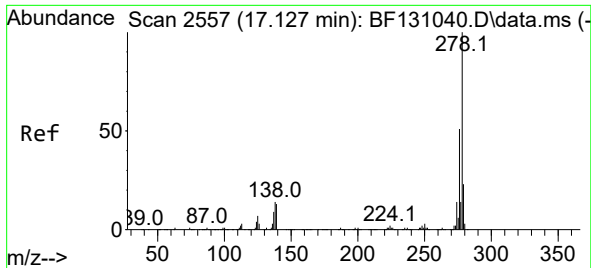
Ion Ratio Lower Upper

276 100

138 13.5 17.3 25.9#

277 33.5 20.2 30.4#

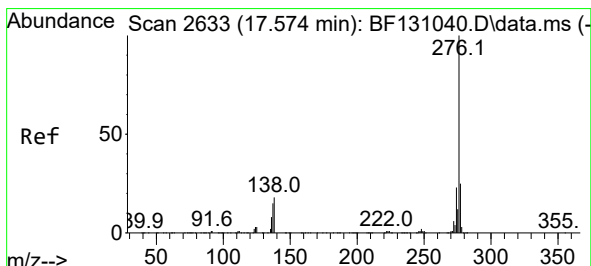
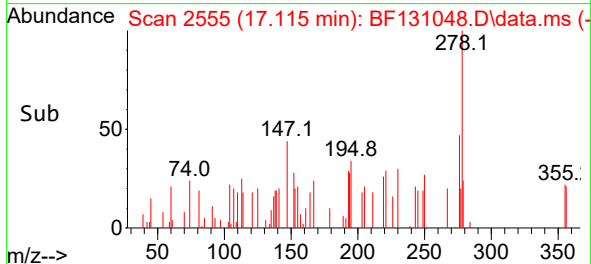
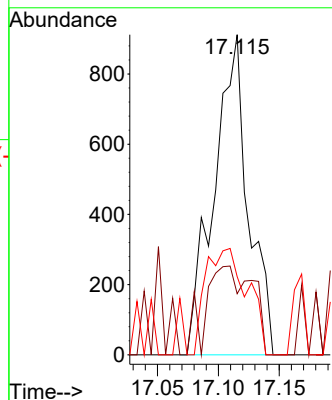
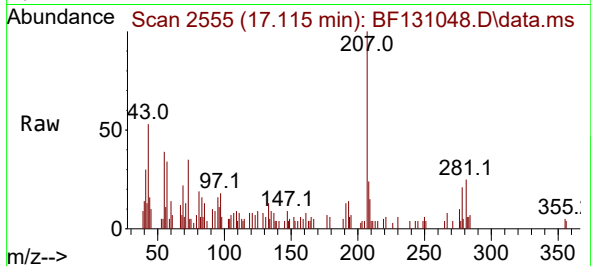




#91
 Dibenzo(a,h)anthracene
 Concen: 3.437 ng
 RT: 17.115 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131048.D
 Acq: 07 Nov 2022 17:43

Instrument :
 BNA_F
 ClientSampleId :
 R-18

Tgt Ion:278 Resp: 1793
 Ion Ratio Lower Upper
 278 100
 139 19.1 10.8 16.2#
 279 24.5 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 3.603 ng
 RT: 17.545 min Scan# 2628
 Delta R.T. -0.029 min
 Lab File: BF131048.D
 Acq: 07 Nov 2022 17:43

Tgt Ion:276 Resp: 2975
 Ion Ratio Lower Upper
 276 100
 277 15.6 20.0 30.0#
 138 17.8 14.8 22.2

