

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131052.D
 Acq On : 07 Nov 2022 20:03
 Operator : CG\JU
 Sample : N5415-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-20

Quant Time: Nov 08 02:18:01 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)

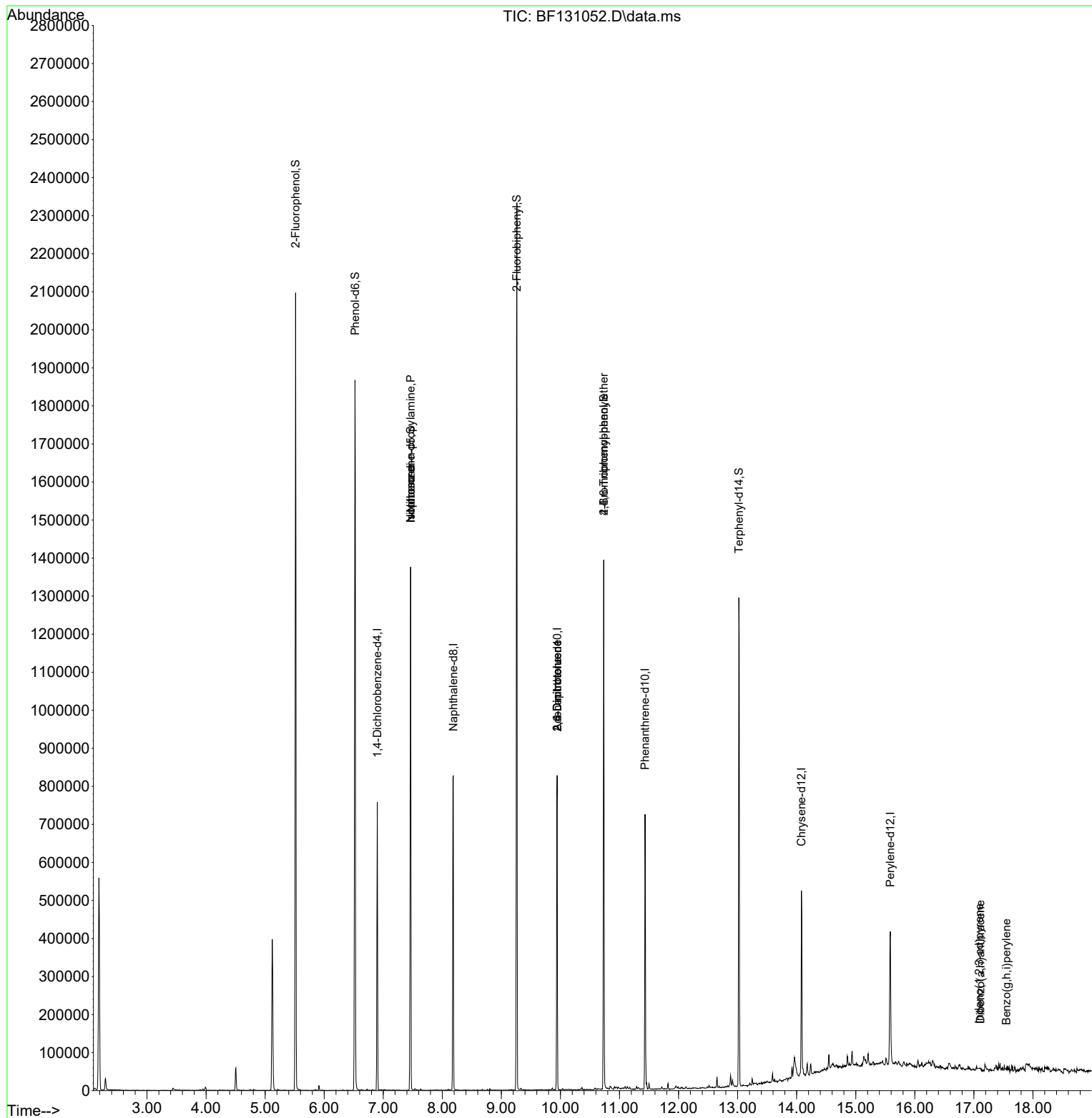
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	89711	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	359020	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	161305	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	246506	20.000	ng	0.00
76) Chrysene-d12	14.080	240	158356	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	162196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	498162	89.541	ng	0.00
7) Phenol-d6	6.522	99	612152	90.147	ng	0.00
23) Nitrobenzene-d5	7.463	82	398731	51.480	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	137793	77.589	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	664197	56.116	ng	0.00
79) Terphenyl-d14	13.021	244	437843	44.329	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	54349	11.231	ng	# 75
25) Isophorone	7.463	82	398215	29.995	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	21384	8.064	ng	# 17
55) Dibenzofuran	10.145	168	77	Below Cal		# 34
57) 2,4-Dinitrotoluene	9.945	165	21384	6.207	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	9045	2.920	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.092	276	4438	3.625	ng	# 93
91) Dibenzo(a,h)anthracene	17.109	278	1906	3.466	ng	# 52
92) Benzo(g,h,i)perylene	17.551	276	4276	3.741	ng	# 72

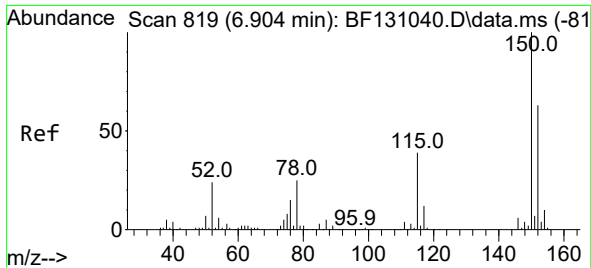
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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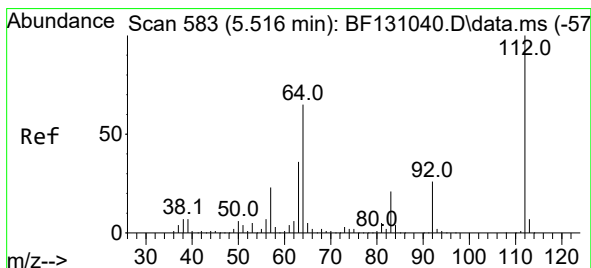
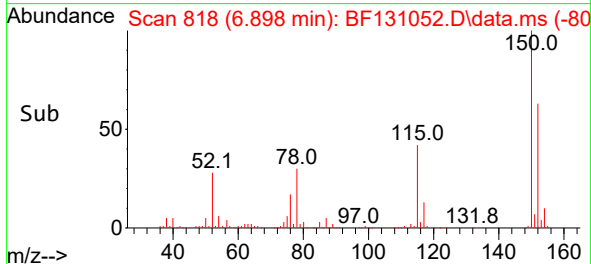
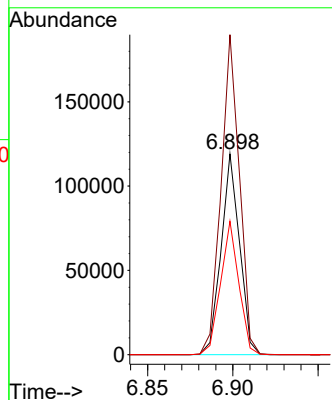
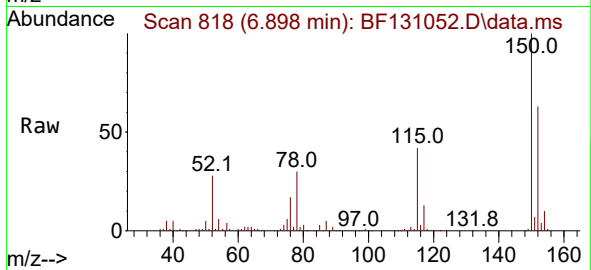




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

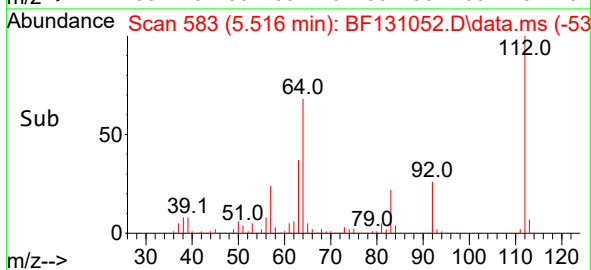
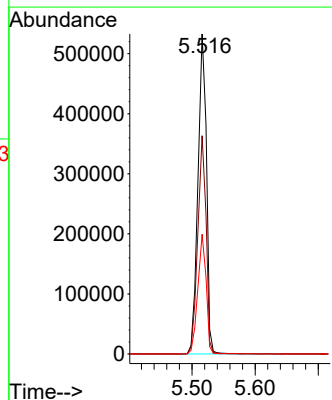
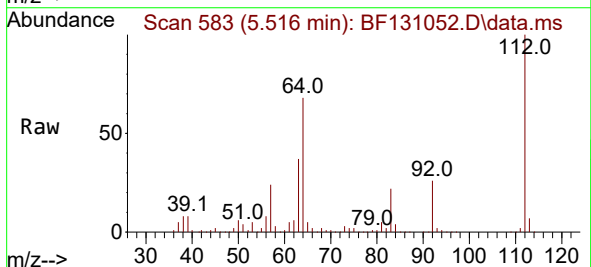
Instrument :
BNA_F
ClientSampleId :
R-20

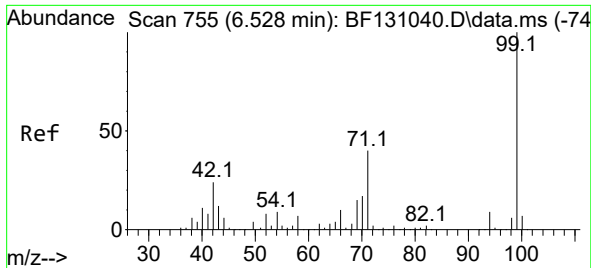
Tgt Ion:152 Resp: 89711
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 66.4 49.1 73.7



#5
2-Fluorophenol
Concen: 89.541 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

Tgt Ion:112 Resp: 498162
Ion Ratio Lower Upper
112 100
64 68.2 52.2 78.4
63 37.4 29.0 43.4

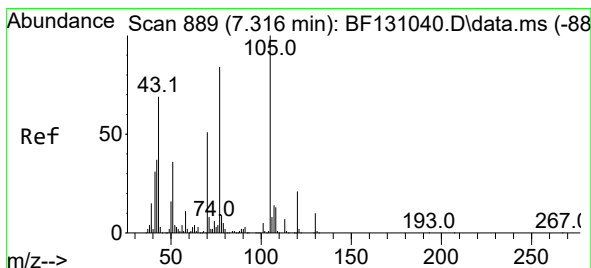
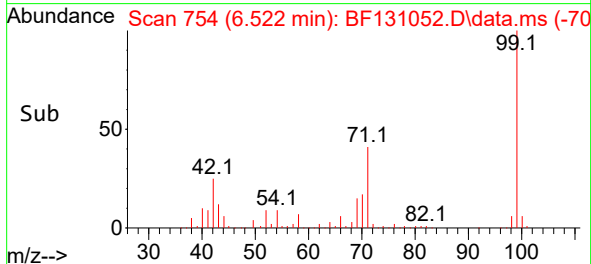
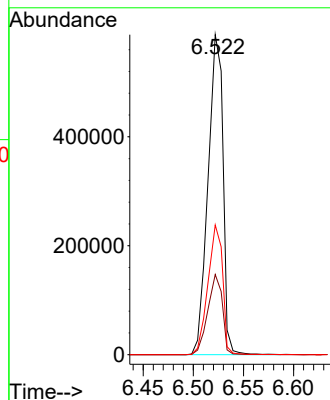
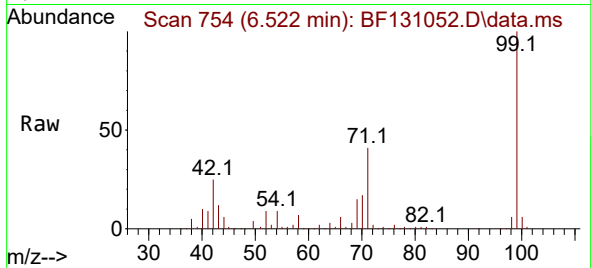




#7
Phenol-d6
Concen: 90.147 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

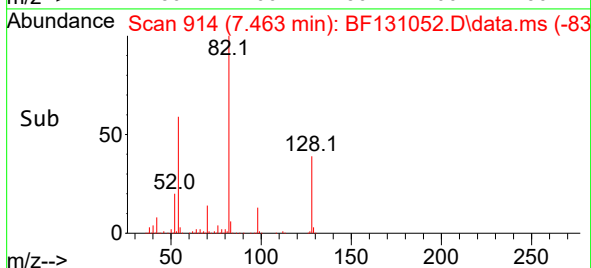
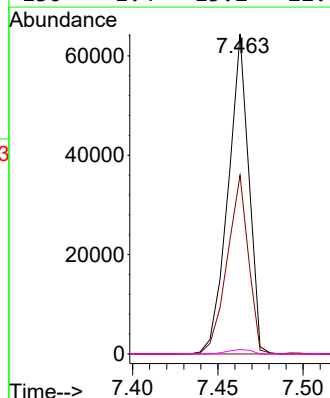
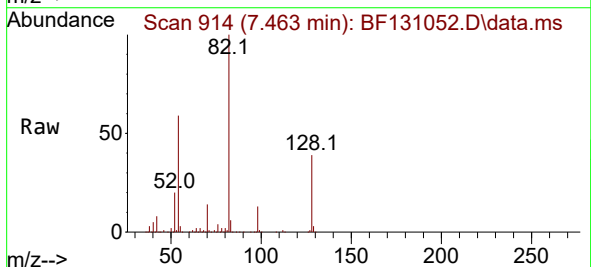
Instrument :
BNA_F
ClientSampleId :
R-20

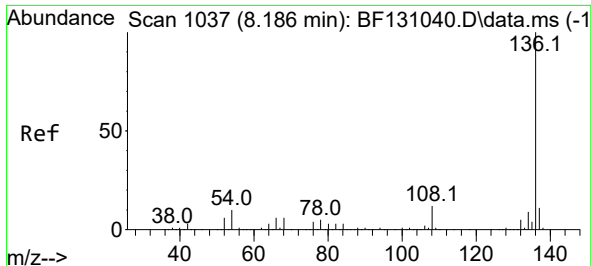
Tgt Ion: 99 Resp: 612152
Ion Ratio Lower Upper
99 100
42 25.1 19.4 29.0
71 40.5 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.231 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

Tgt Ion: 70 Resp: 54349
Ion Ratio Lower Upper
70 100
42 55.9 59.0 88.4#
101 0.0 8.0 12.0#
130 1.4 15.2 22.8#

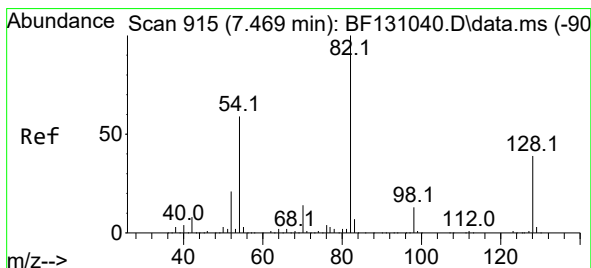
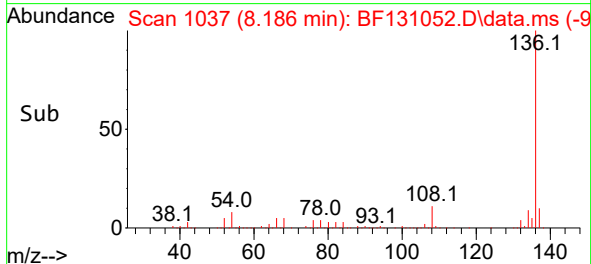
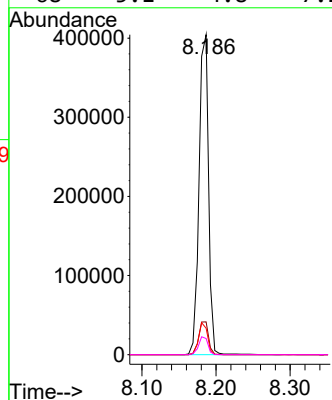
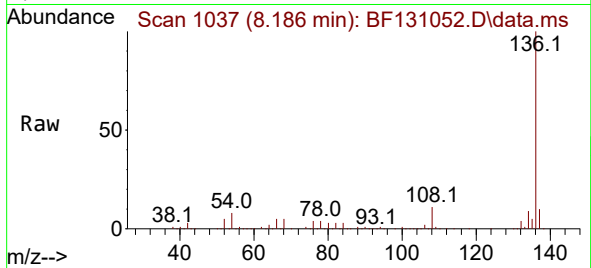




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

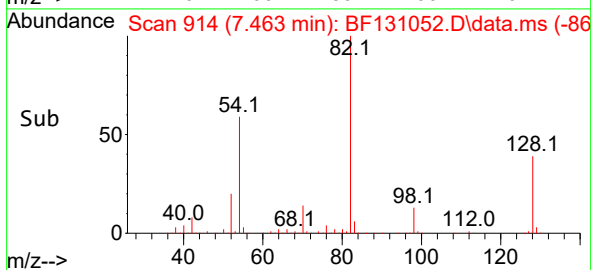
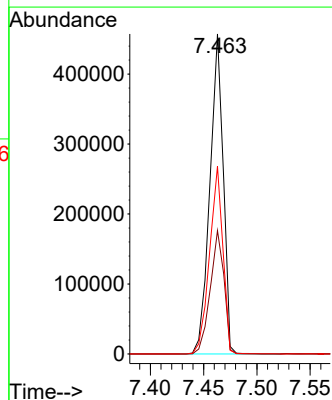
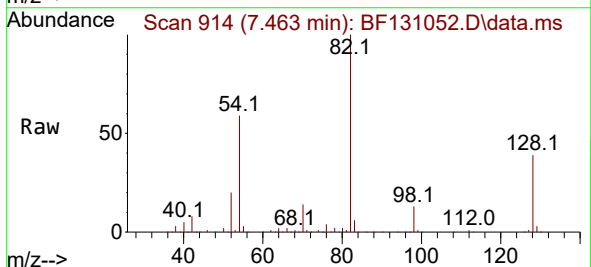
Instrument :
BNA_F
ClientSampleId :
R-20

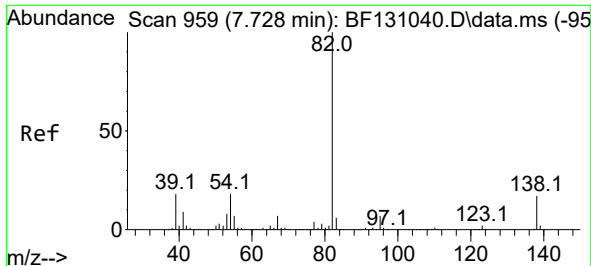
Tgt Ion:	136	Resp:	359020
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.3	8.2	12.2
68	5.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 51.480 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

Tgt Ion:	82	Resp:	398731
Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.3	46.9
54	58.6	47.2	70.8

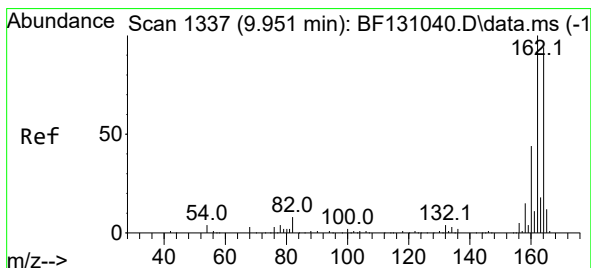
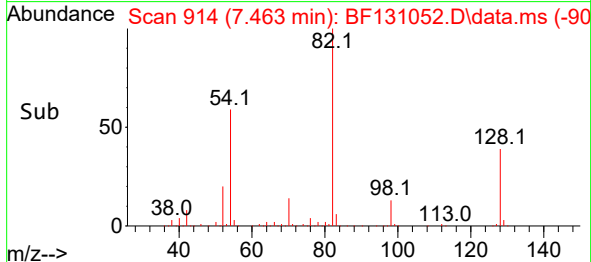
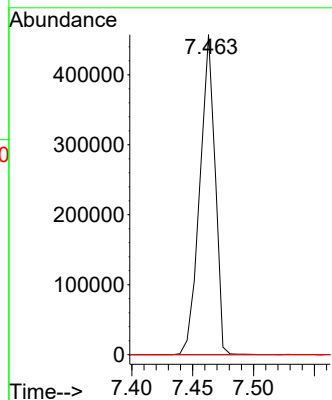
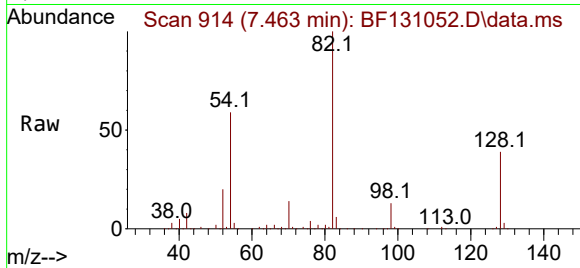




#25
Isophorone
Concen: 29.995 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

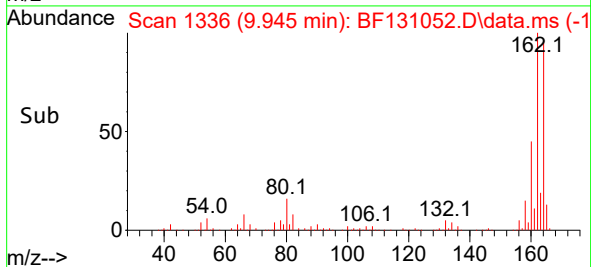
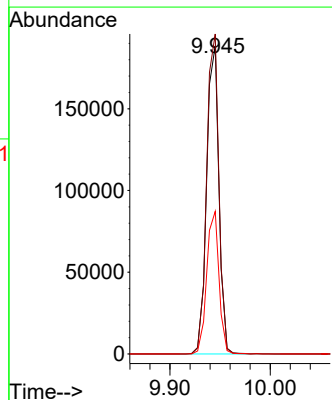
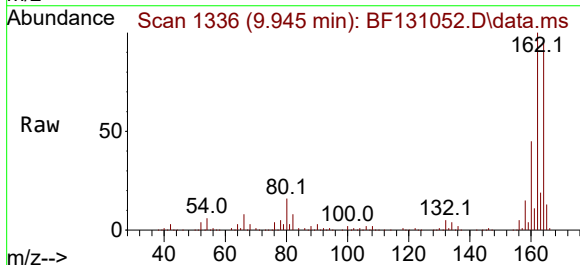
Instrument :
BNA_F
ClientSampleId :
R-20

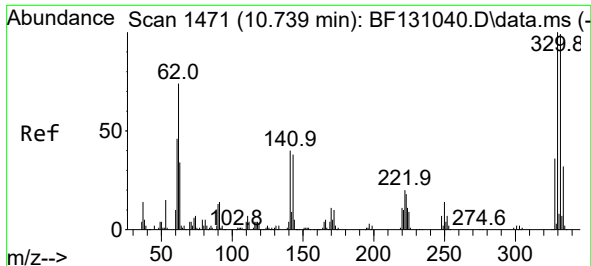
Tgt Ion: 82 Resp: 398215
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

Tgt Ion:164 Resp: 161305
Ion Ratio Lower Upper
164 100
162 103.8 85.0 127.6
160 46.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 77.589 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131052.D

Acq: 07 Nov 2022 20:03

Instrument :

BNA_F

ClientSampleId :

R-20

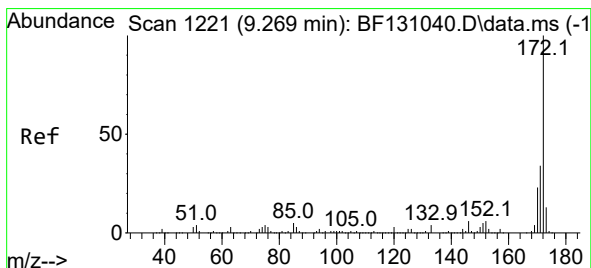
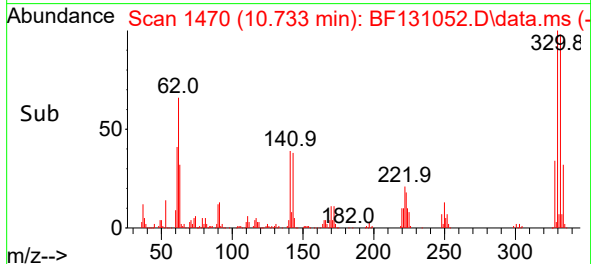
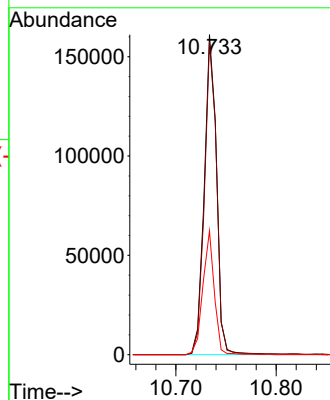
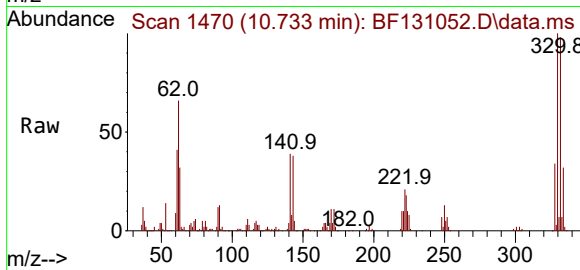
Tgt Ion:330 Resp: 137793

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 36.2 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 56.116 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131052.D

Acq: 07 Nov 2022 20:03

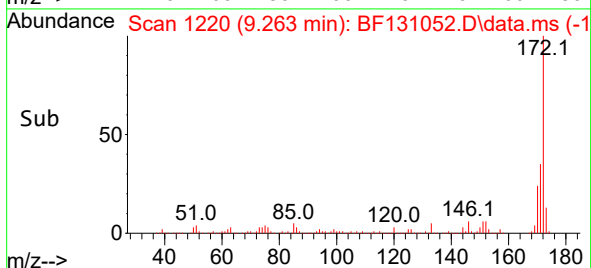
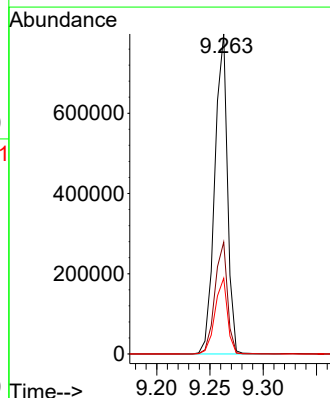
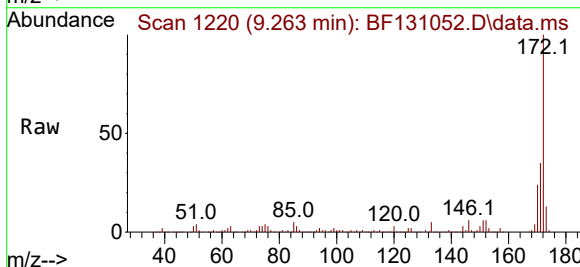
Tgt Ion:172 Resp: 664197

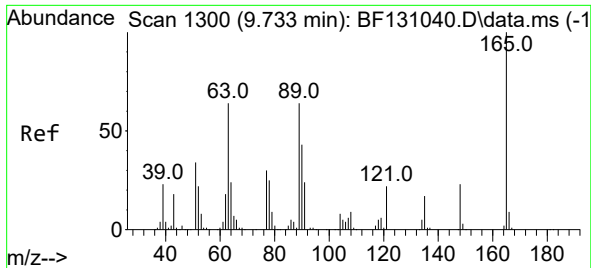
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.6 18.4 27.6

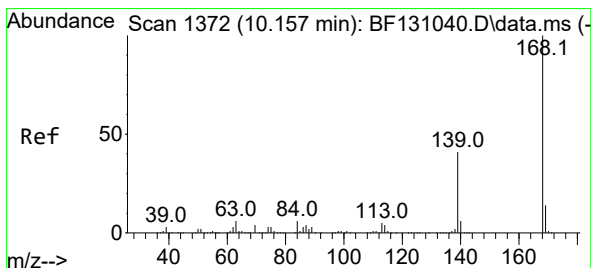
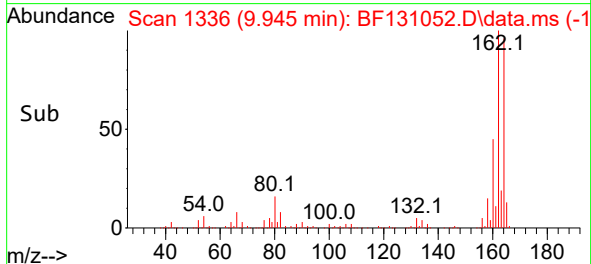
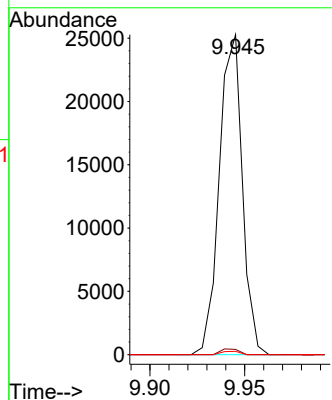
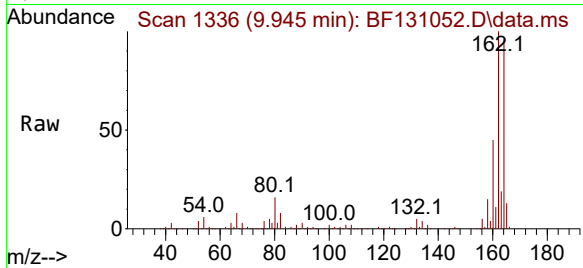




#51
2,6-Dinitrotoluene
Concen: 8.064 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

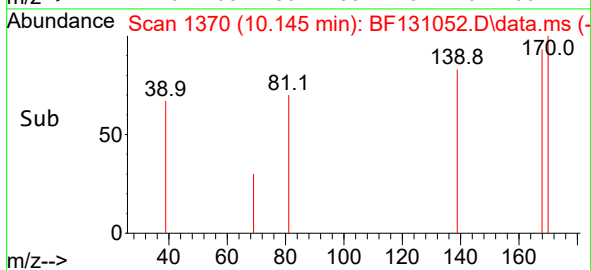
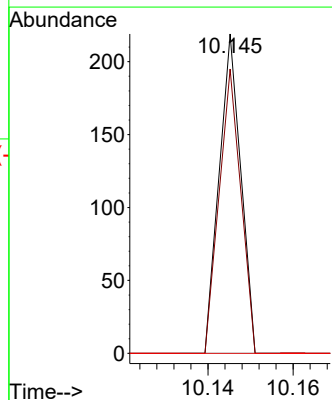
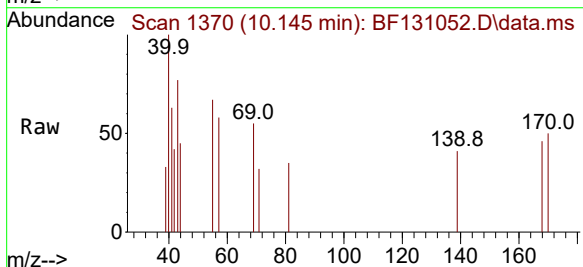
Instrument :
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ClientSampleId :
R-20

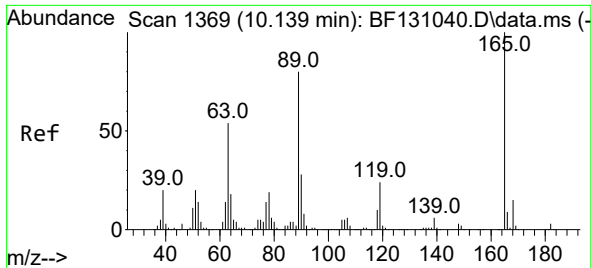
Tgt Ion:165 Resp: 21384
Ion Ratio Lower Upper
165 100
63 1.6 57.2 85.8#
89 1.1 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

Tgt Ion:168 Resp: 77
Ion Ratio Lower Upper
168 100
139 89.0 33.0 49.6#
169 0.0 11.3 16.9#

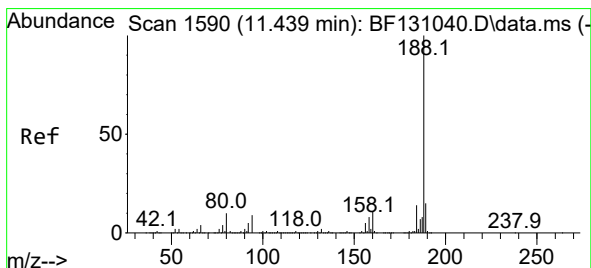
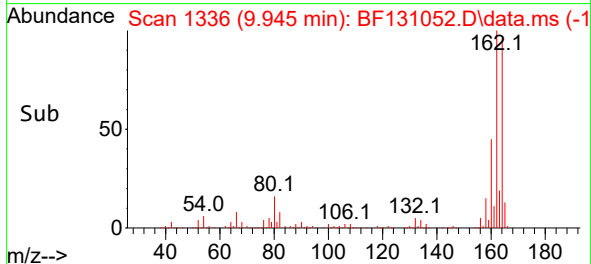
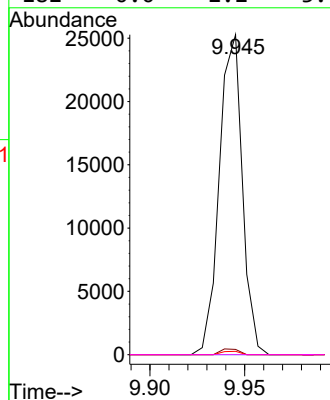
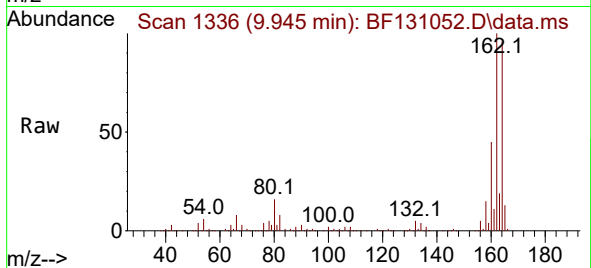




#57
2,4-Dinitrotoluene
Concen: 6.207 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

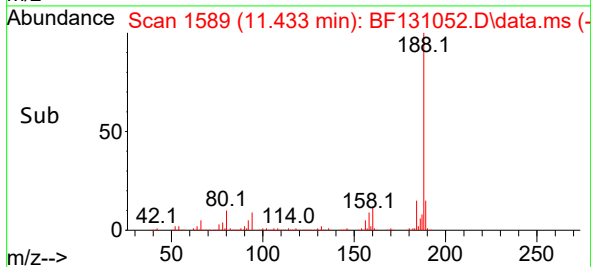
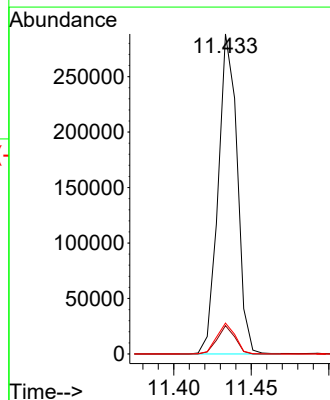
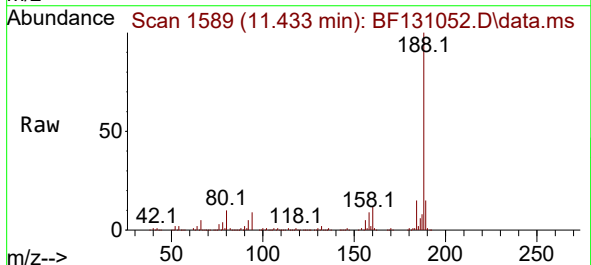
Instrument :
BNA_F
ClientSampleId :
R-20

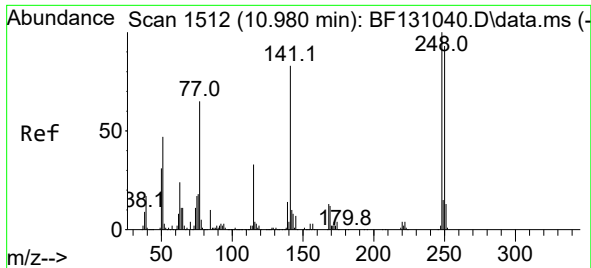
Tgt Ion:165 Resp: 21384
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.1 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

Tgt Ion:188 Resp: 246506
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.7 8.1 12.1

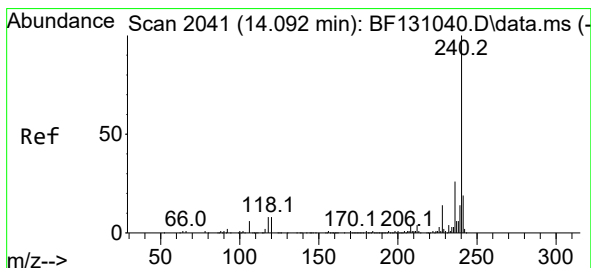
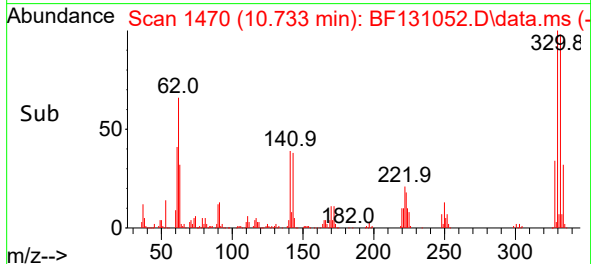
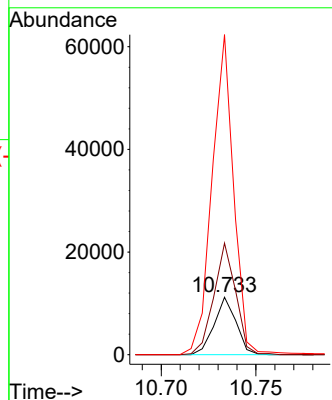
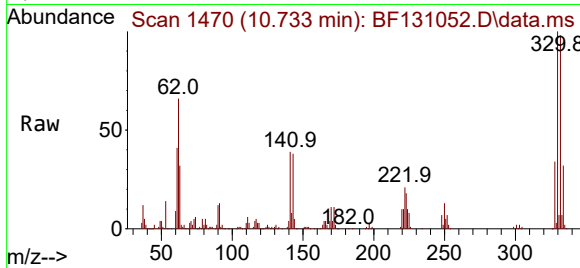




#67
4-Bromophenyl-phenylether
Concen: 2.920 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

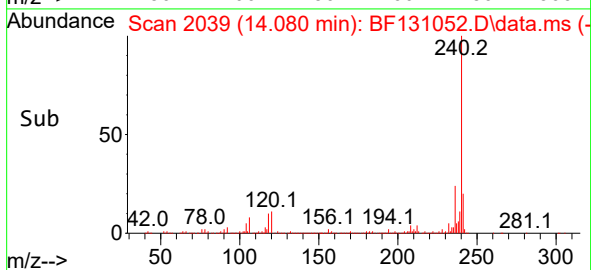
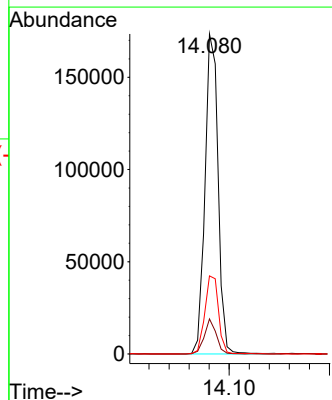
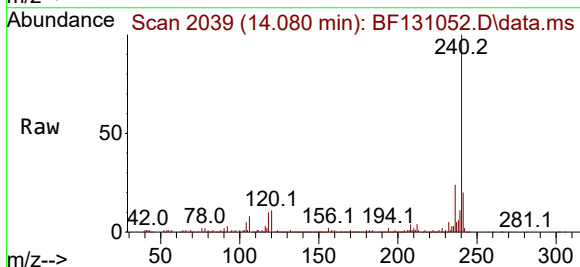
Instrument :
BNA_F
ClientSampleId :
R-20

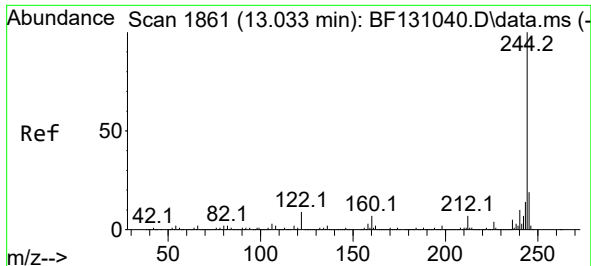
Tgt Ion:248 Resp: 9045
Ion Ratio Lower Upper
248 100
250 193.9 74.6 112.0#
141 556.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.012 min
Lab File: BF131052.D
Acq: 07 Nov 2022 20:03

Tgt Ion:240 Resp: 158356
Ion Ratio Lower Upper
240 100
120 10.9 6.7 10.1#
236 24.4 20.8 31.2

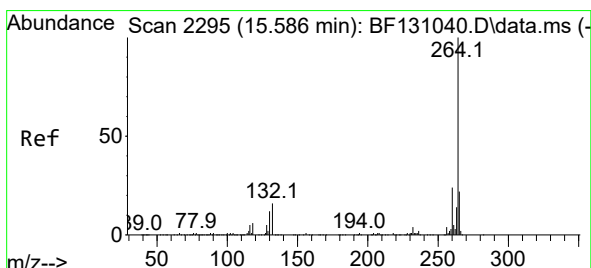
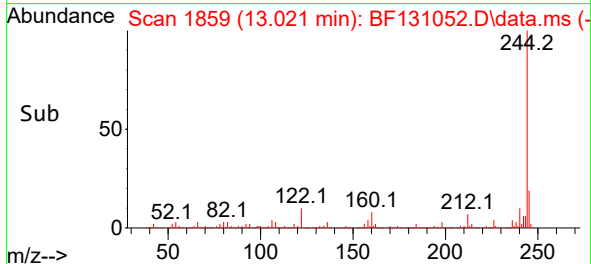
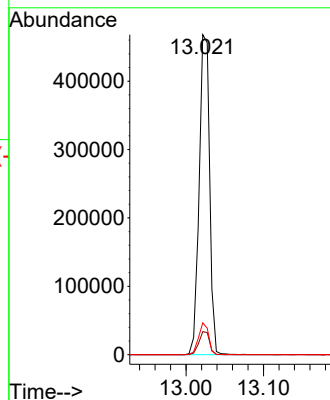
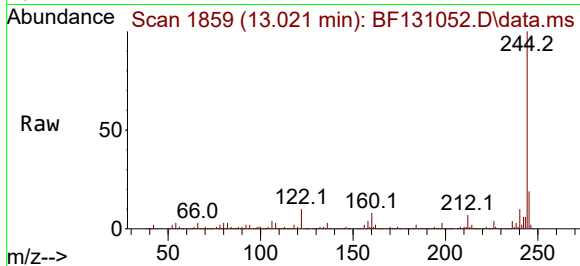




#79
 Terphenyl-d14
 Concen: 44.329 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.012 min
 Lab File: BF131052.D
 Acq: 07 Nov 2022 20:03

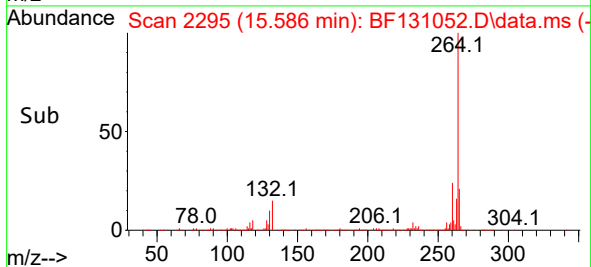
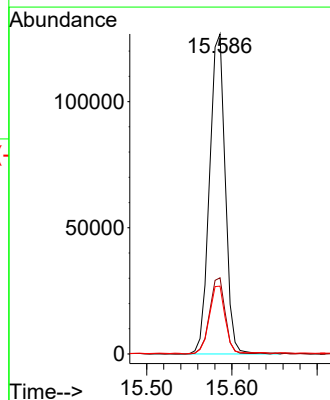
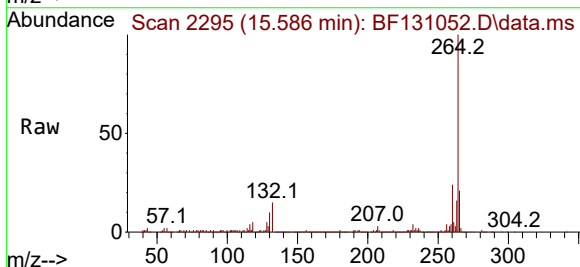
Instrument :
 BNA_F
 ClientSampleId :
 R-20

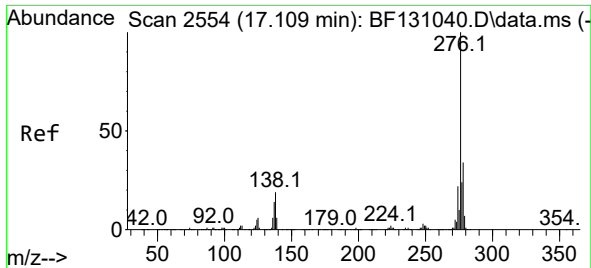
Tgt Ion:244 Resp: 437843
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131052.D
 Acq: 07 Nov 2022 20:03

Tgt Ion:264 Resp: 162196
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.2 17.3 25.9

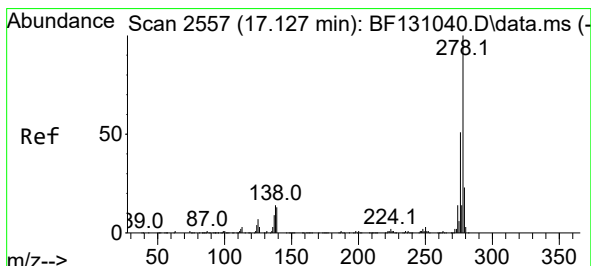
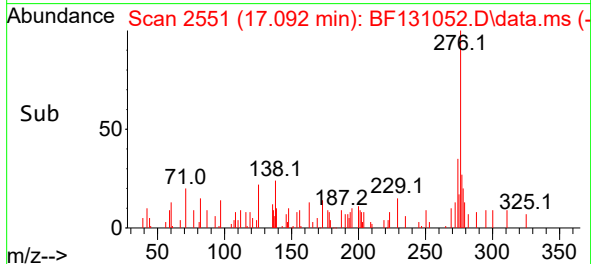
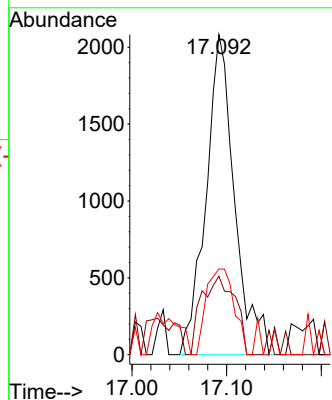
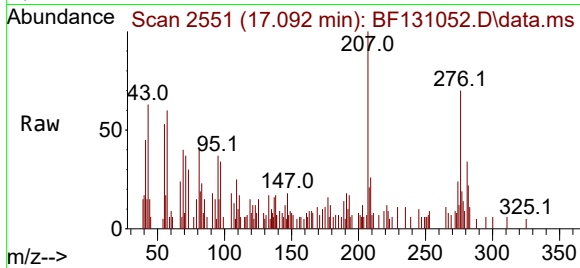




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.625 ng
 RT: 17.092 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF131052.D
 Acq: 07 Nov 2022 20:03

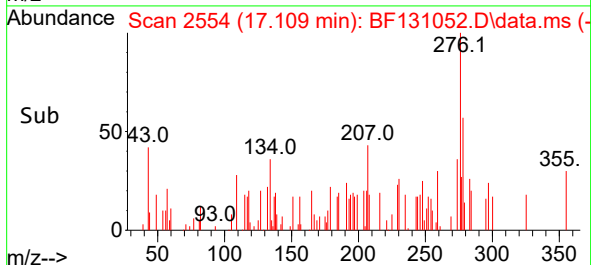
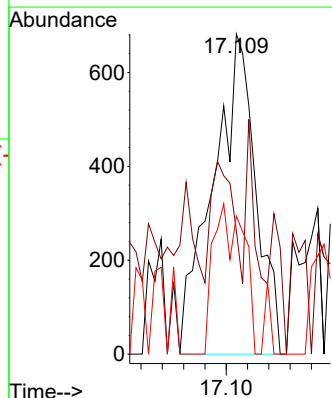
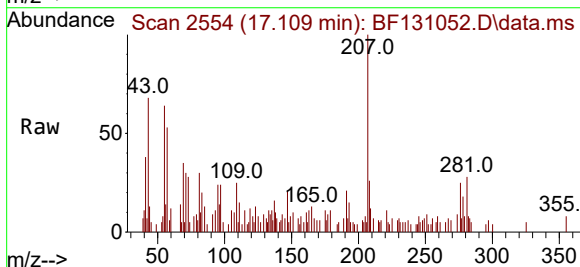
Instrument :
 BNA_F
 ClientSampleId :
 R-20

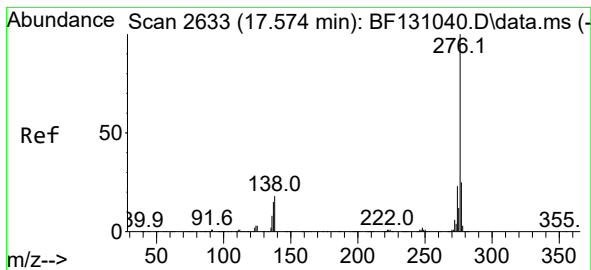
Tgt Ion:276 Resp: 4438
 Ion Ratio Lower Upper
 276 100
 138 28.1 17.3 25.9#
 277 25.6 20.2 30.4



#91
 Dibenzo(a,h)anthracene
 Concen: 3.466 ng
 RT: 17.109 min Scan# 2554
 Delta R.T. -0.018 min
 Lab File: BF131052.D
 Acq: 07 Nov 2022 20:03

Tgt Ion:278 Resp: 1906
 Ion Ratio Lower Upper
 278 100
 139 38.6 10.8 16.2#
 279 43.1 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 3.741 ng

RT: 17.551 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF131052.D

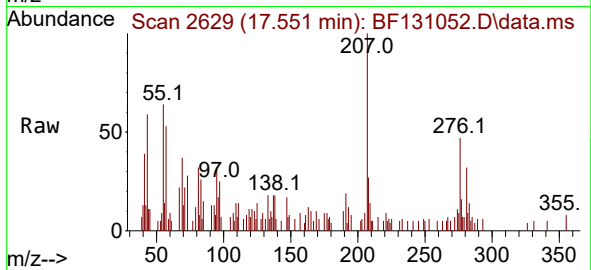
Acq: 07 Nov 2022 20:03

Instrument :

BNA_F

ClientSampleId :

R-20



Tgt Ion:276 Resp: 4276

Ion Ratio Lower Upper

276 100

277 33.2 20.0 30.0#

138 38.2 14.8 22.2#

