

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131071.D
 Acq On : 08 Nov 2022 17:26
 Operator : CG\JU
 Sample : N5415-12RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-25RE

Quant Time: Nov 09 04:07:17 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)

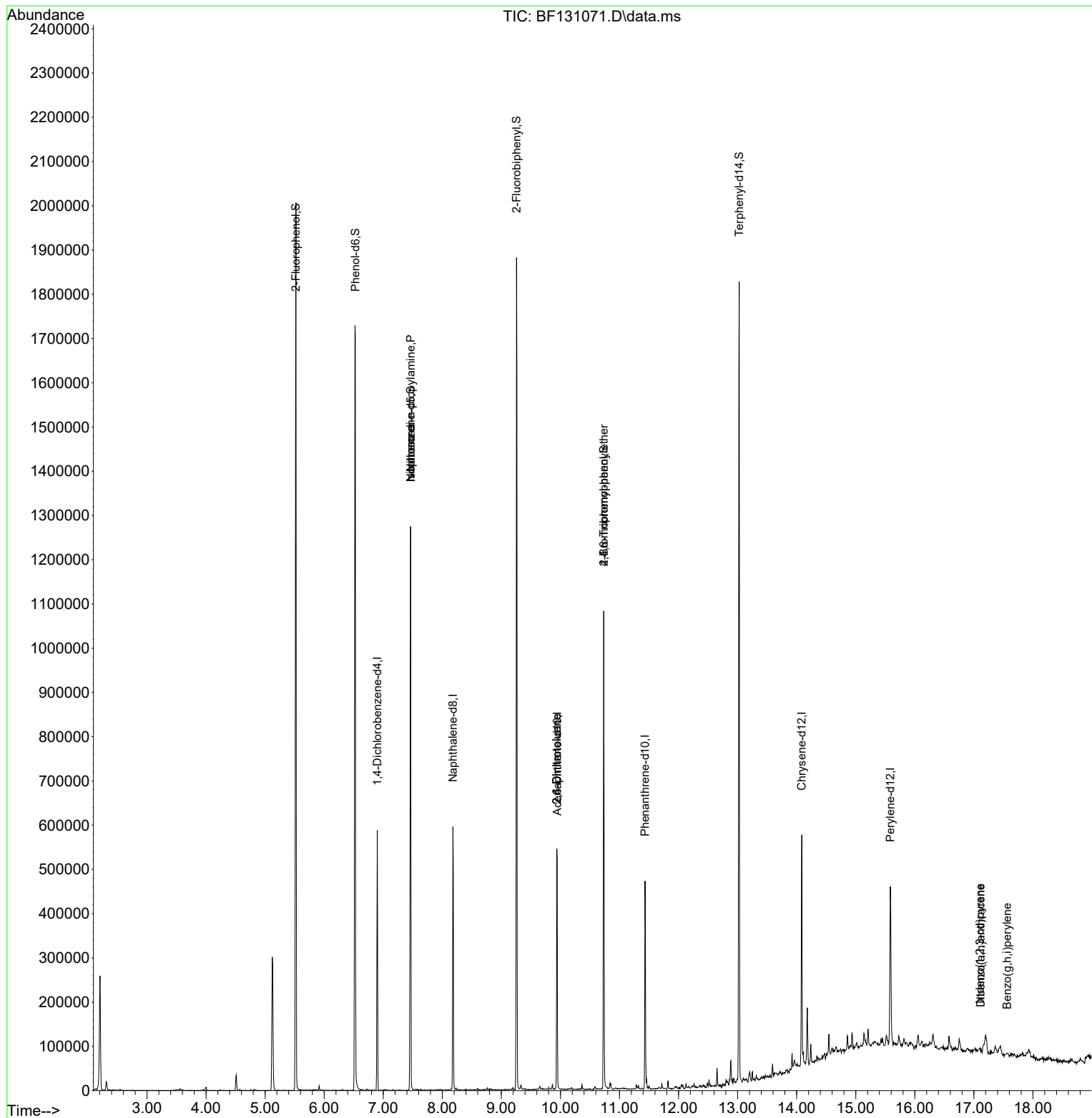
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	70784	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	249083	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	113041	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	160119	20.000	ng	0.00
76) Chrysene-d12	14.086	240	165462	20.000	ng	0.00
86) Perylene-d12	15.586	264	162722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	473055	107.764	ng	0.00
7) Phenol-d6	6.528	99	588067	109.757	ng	0.00
23) Nitrobenzene-d5	7.463	82	358876	66.785	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	109174	87.722	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	556427	67.083	ng	-0.01
79) Terphenyl-d14	13.027	244	605184	58.640	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	49770	13.035	ng	# 75
25) Isophorone	7.463	82	358871	38.963	ng	# 66
51) 2,6-Dinitrotoluene	9.939	165	14262	7.674	ng	# 18
55) Dibenzofuran	10.145	168	385	Below Cal		# 42
57) 2,4-Dinitrotoluene	9.939	165	14262	5.907	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	6914	3.437	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.104	276	5602	3.704	ng	# 92
91) Dibenzo(a,h)anthracene	17.115	278	2691	3.530	ng	# 62
92) Benzo(g,h,i)perylene	17.562	276	6079	3.887	ng	# 93

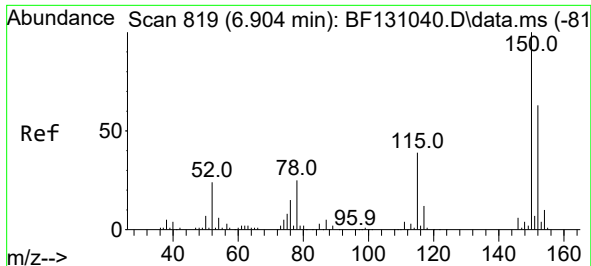
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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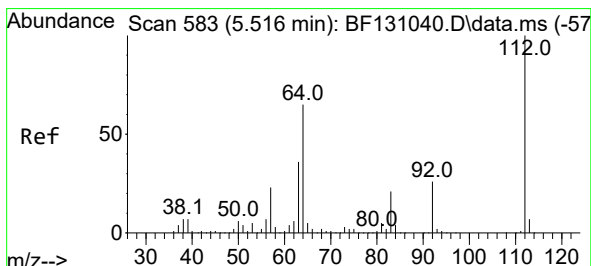
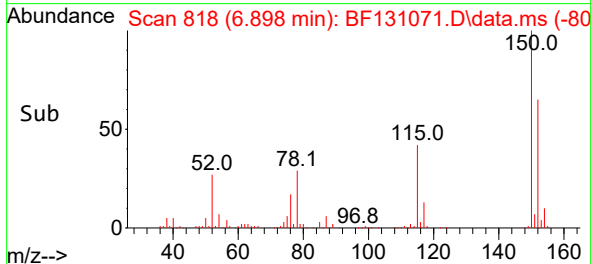
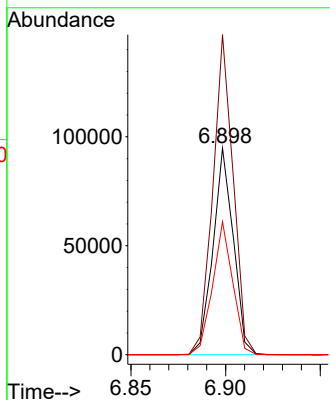
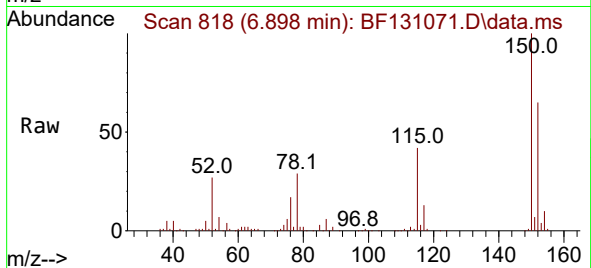




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

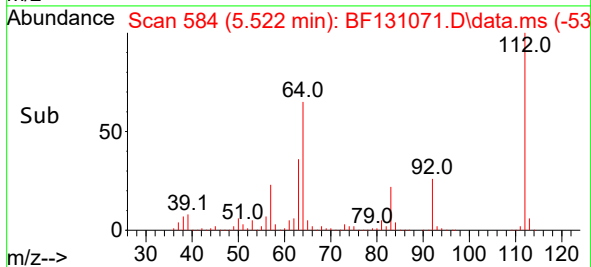
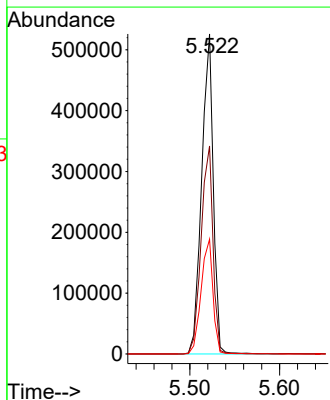
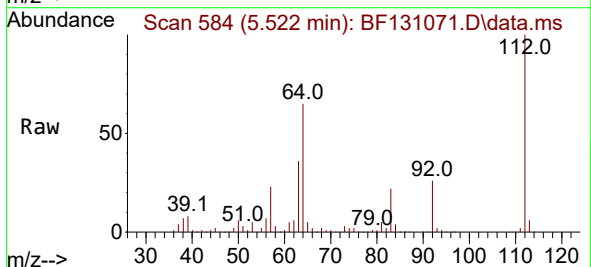
Instrument :
BNA_F
ClientSampleId :
R-25RE

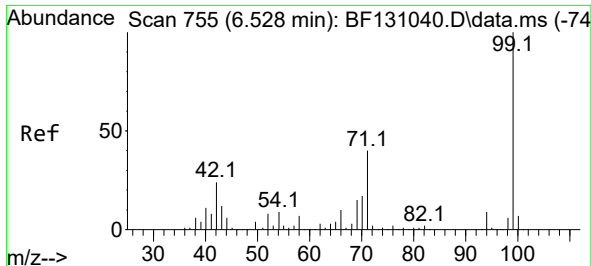
Tgt Ion:152 Resp: 70784
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 64.4 49.1 73.7



#5
2-Fluorophenol
Concen: 107.764 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:112 Resp: 473055
Ion Ratio Lower Upper
112 100
64 65.0 52.2 78.4
63 35.9 29.0 43.4

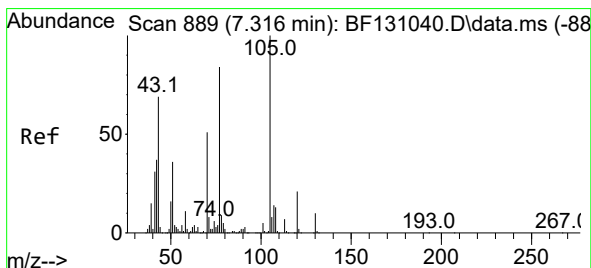
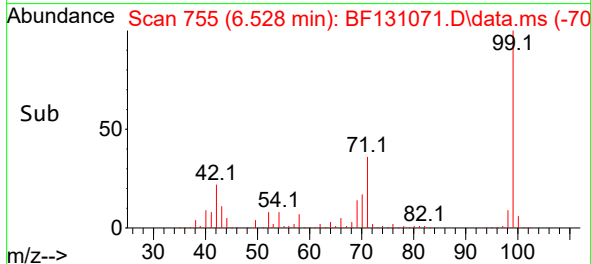
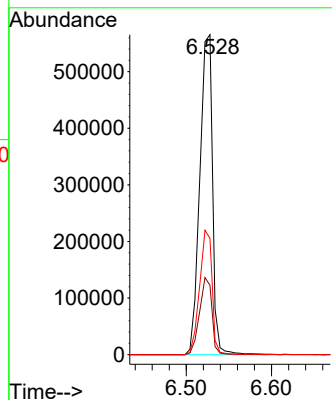
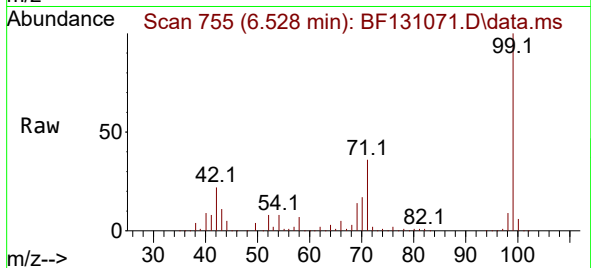




#7
Phenol-d6
Concen: 109.757 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

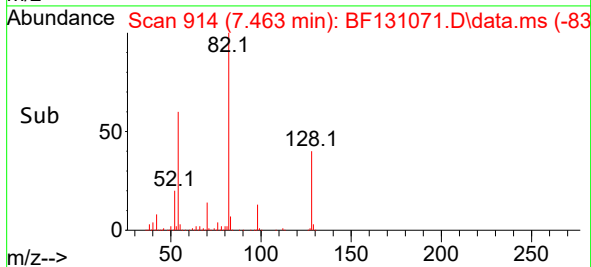
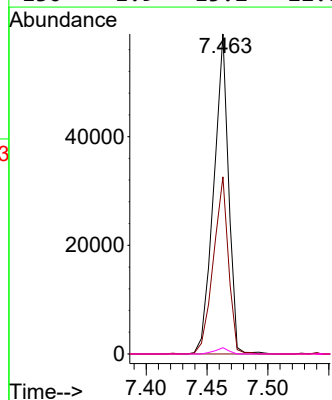
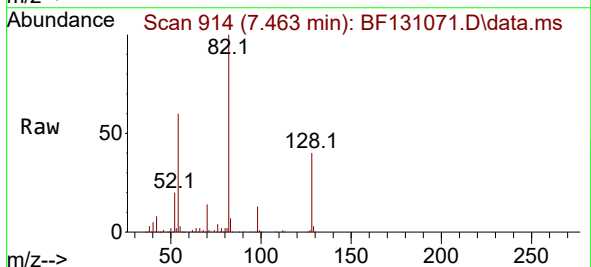
Instrument :
BNA_F
ClientSampleId :
R-25RE

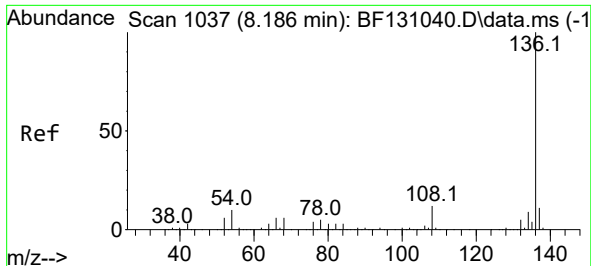
Tgt Ion: 99 Resp: 588067
Ion Ratio Lower Upper
99 100
42 21.7 19.4 29.0
71 36.4 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.035 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion: 70 Resp: 49770
Ion Ratio Lower Upper
70 100
42 55.3 59.0 88.4#
101 0.0 8.0 12.0#
130 1.9 15.2 22.8#

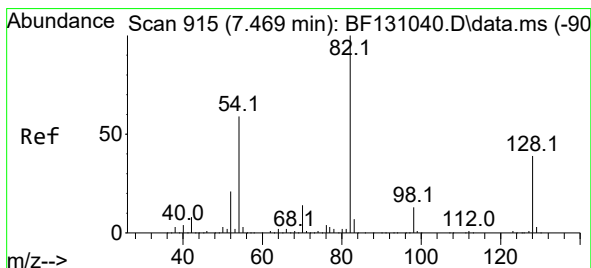
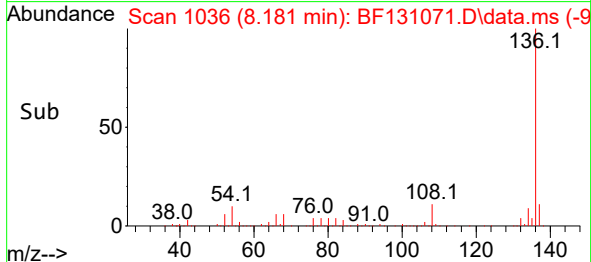
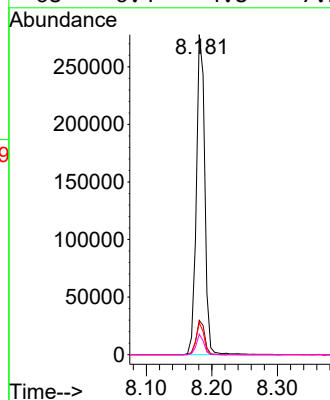
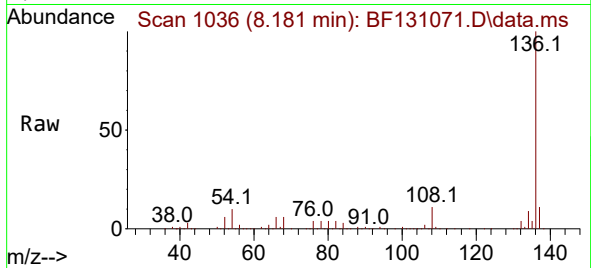




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

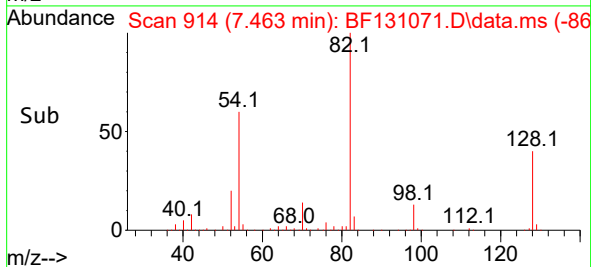
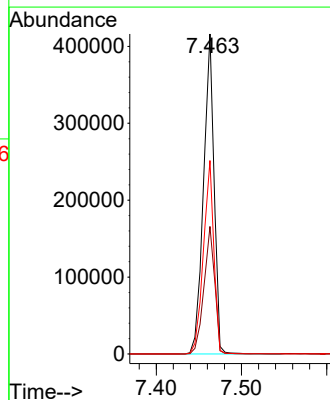
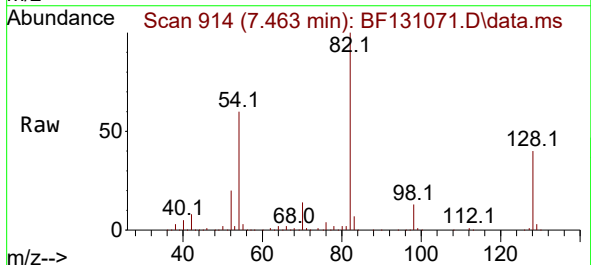
Instrument :
BNA_F
ClientSampleId :
R-25RE

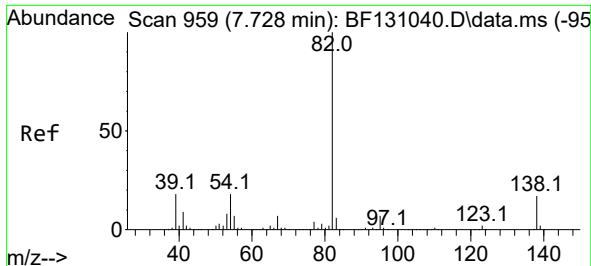
Tgt Ion:	136	Resp:	249083
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.0	8.2	12.2
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 66.785 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:	82	Resp:	358876
Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.3	46.9
54	60.4	47.2	70.8

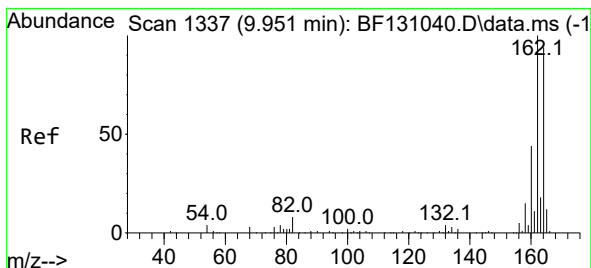
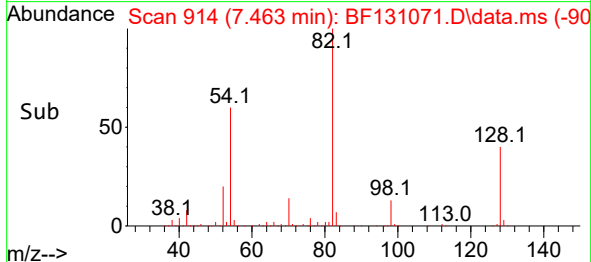
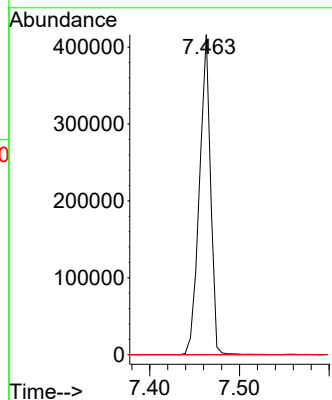
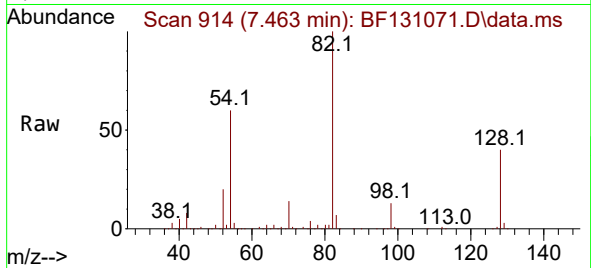




#25
Isophorone
Concen: 38.963 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

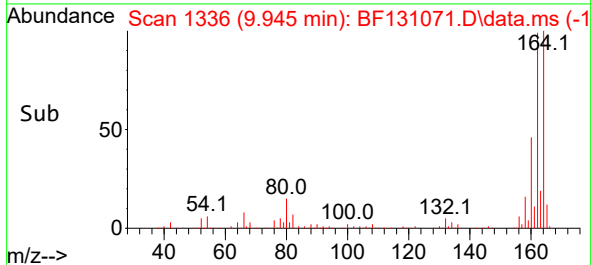
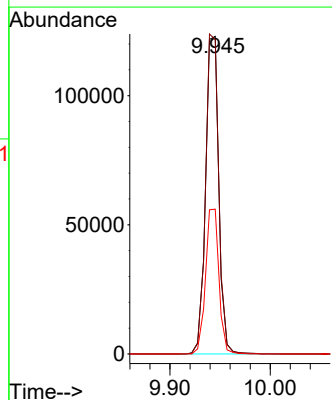
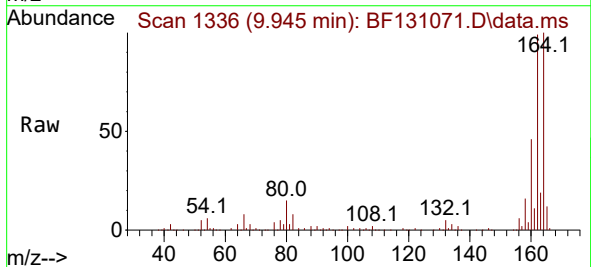
Instrument :
BNA_F
ClientSampleId :
R-25RE

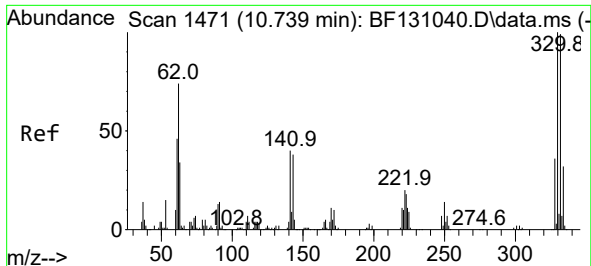
Tgt Ion: 82 Resp: 358871
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion: 164 Resp: 113041
Ion Ratio Lower Upper
164 100
162 99.0 85.0 127.6
160 45.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 87.722 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131071.D

Acq: 08 Nov 2022 17:26

Instrument :

BNA_F

ClientSampleId :

R-25RE

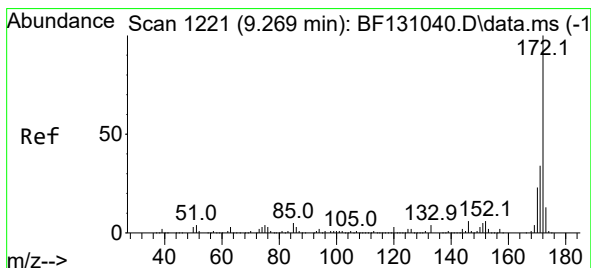
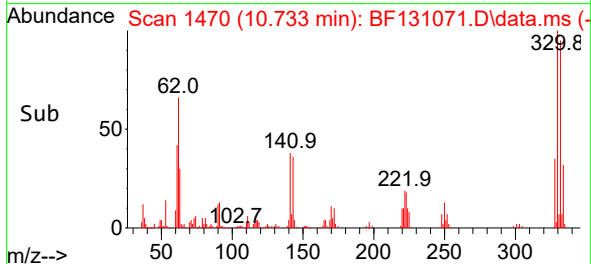
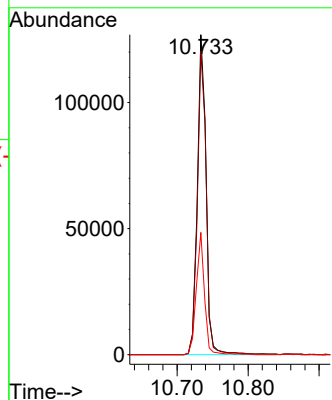
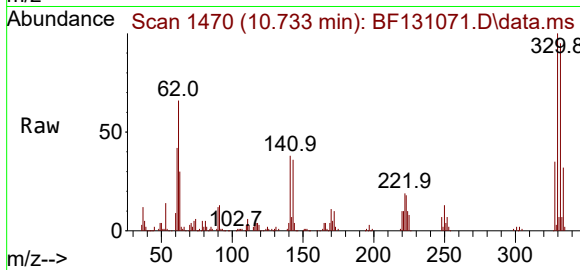
Tgt Ion:330 Resp: 109174

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.4

141 36.1 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 67.083 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF131071.D

Acq: 08 Nov 2022 17:26

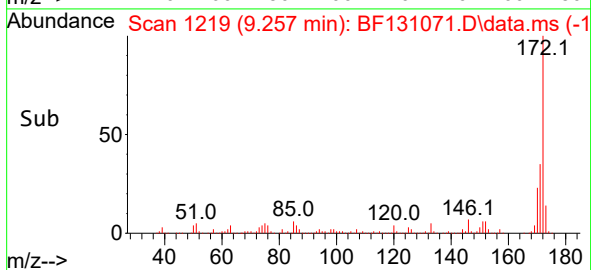
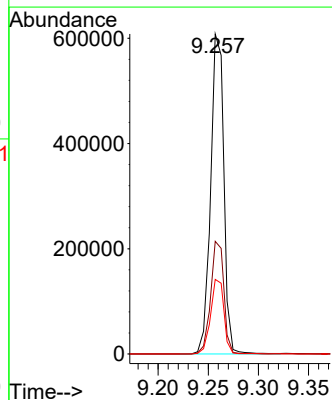
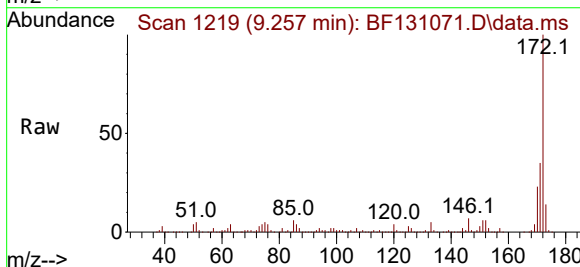
Tgt Ion:172 Resp: 556427

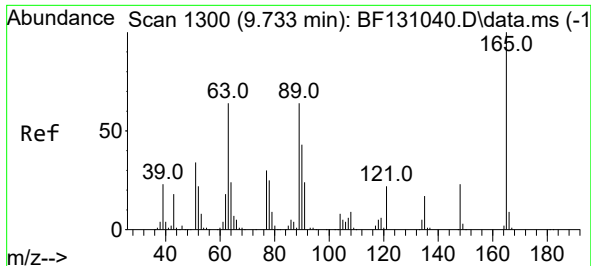
Ion Ratio Lower Upper

172 100

171 35.2 27.7 41.5

170 23.3 18.4 27.6

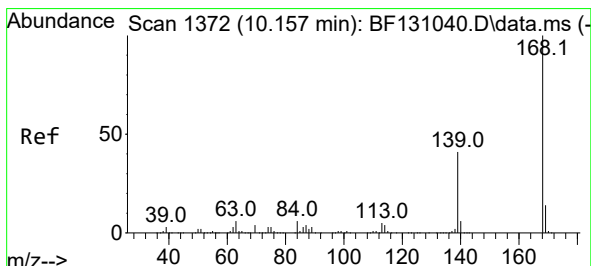
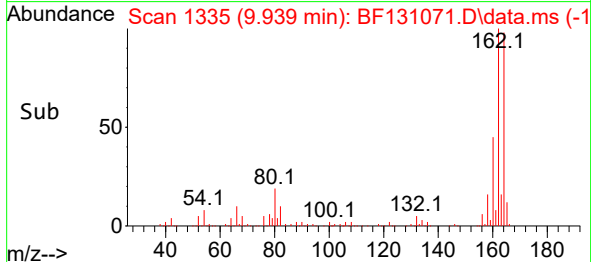
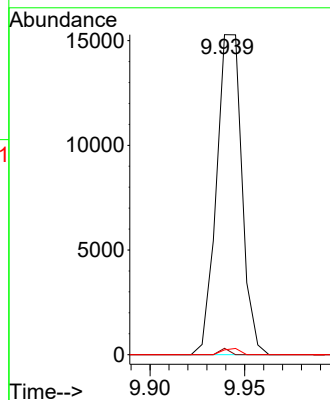
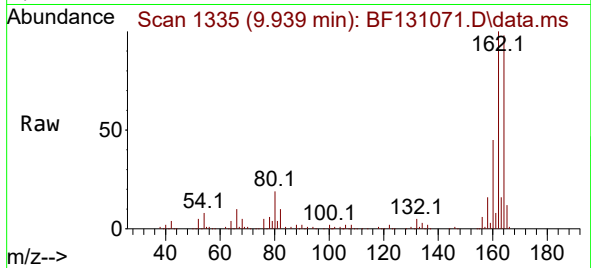




#51
2,6-Dinitrotoluene
Concen: 7.674 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

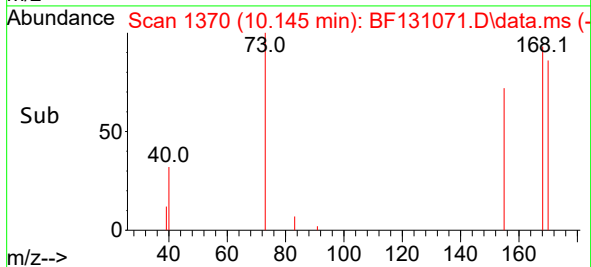
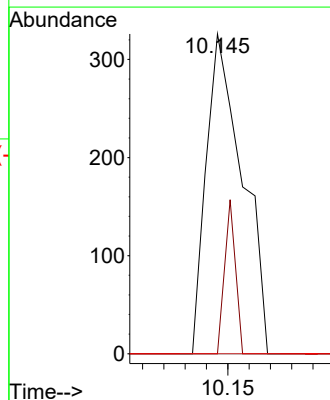
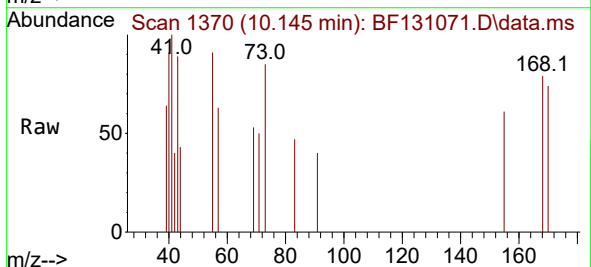
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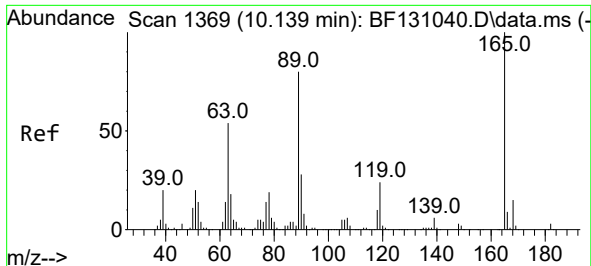
Tgt Ion:165 Resp: 14262
Ion Ratio Lower Upper
165 100
63 2.0 57.2 85.8#
89 1.5 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:168 Resp: 385
Ion Ratio Lower Upper
168 100
139 0.0 33.0 49.6#
169 0.0 11.3 16.9#

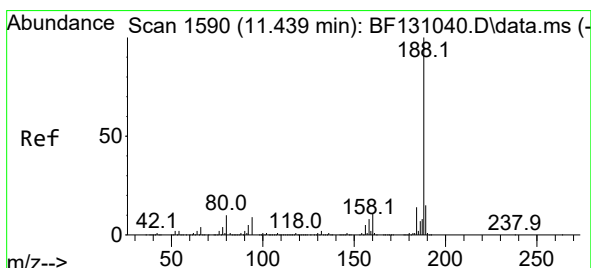
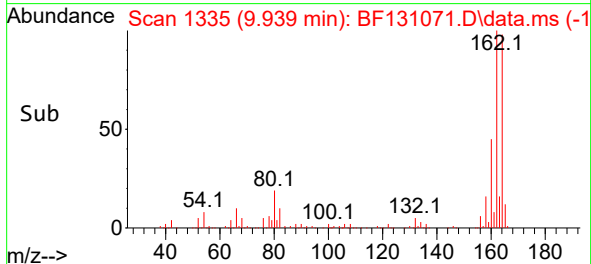
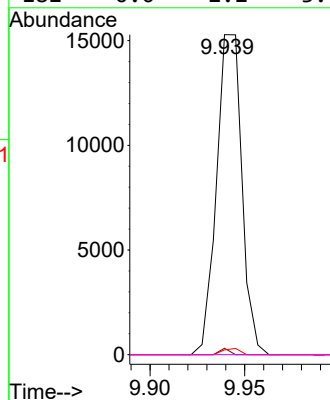
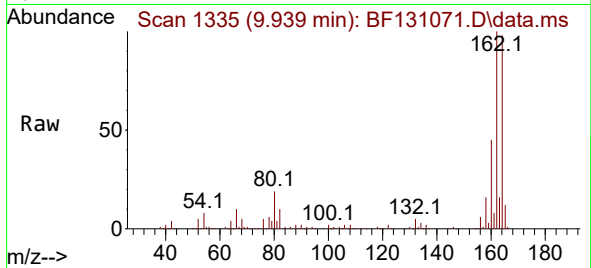




#57
2,4-Dinitrotoluene
Concen: 5.907 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

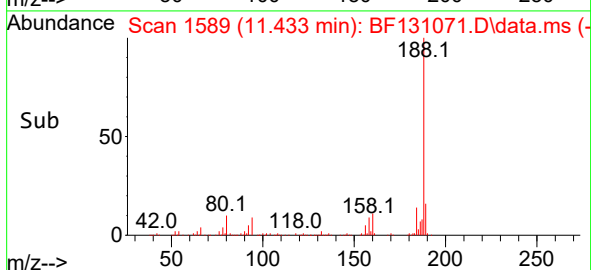
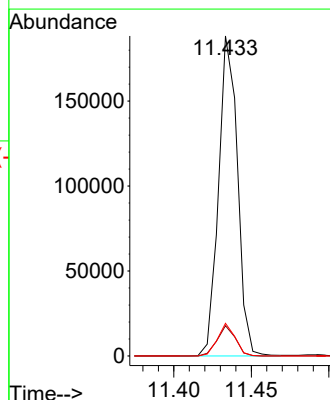
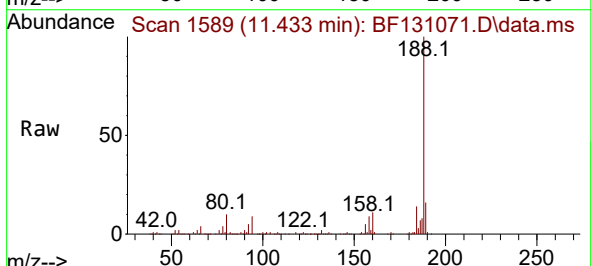
Instrument :
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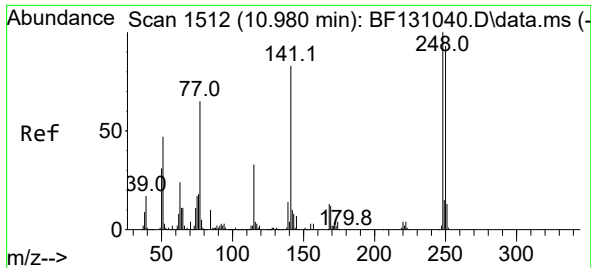
Tgt Ion:165 Resp: 14262
Ion Ratio Lower Upper
165 100
63 2.0 43.4 65.0#
89 1.5 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:188 Resp: 160119
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 8.1 12.1

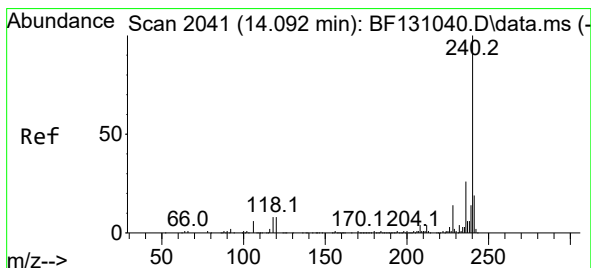
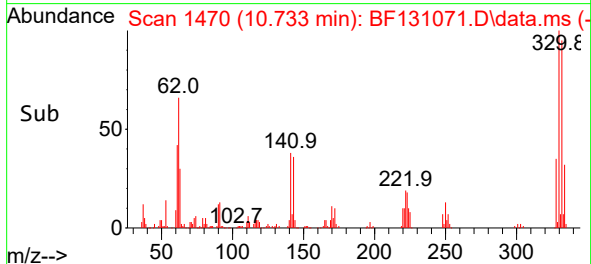
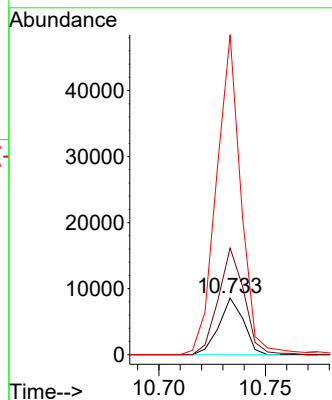
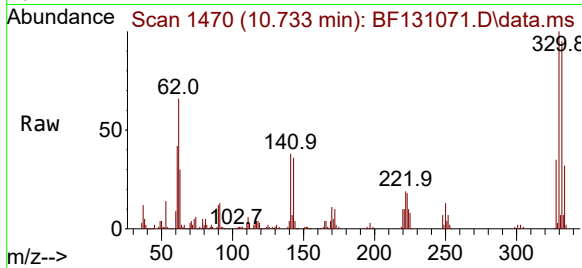




#67
4-Bromophenyl-phenylether
Concen: 3.437 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

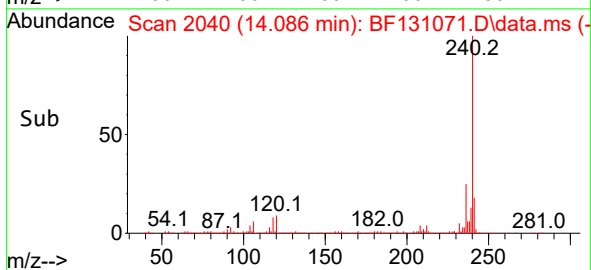
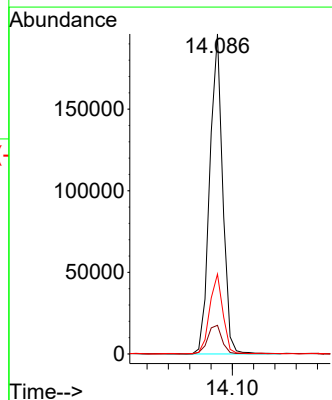
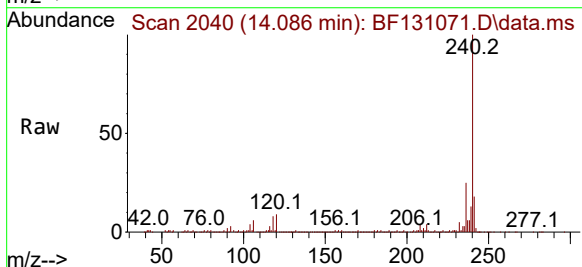
Instrument :
BNA_F
ClientSampleId :
R-25RE

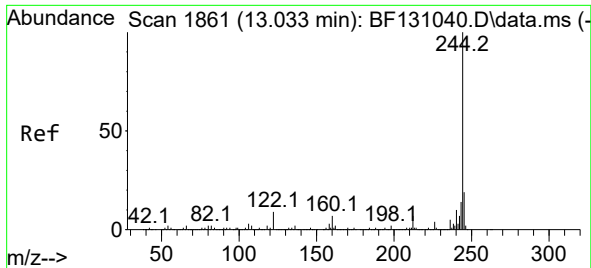
Tgt Ion:248 Resp: 6914
Ion Ratio Lower Upper
248 100
250 188.4 74.6 112.0#
141 564.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:240 Resp: 165462
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 25.0 20.8 31.2

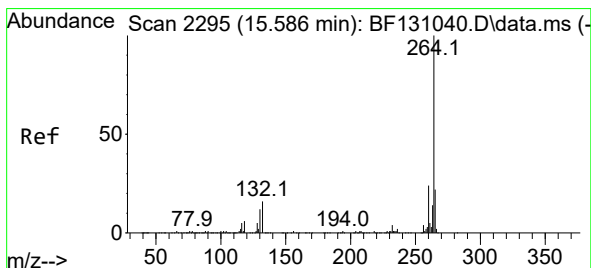
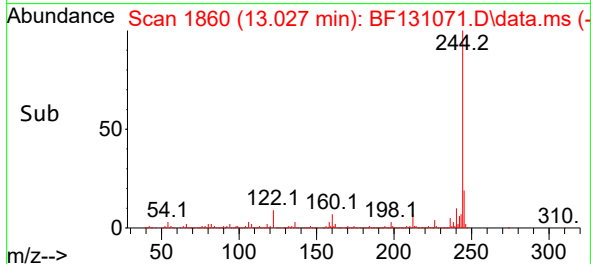
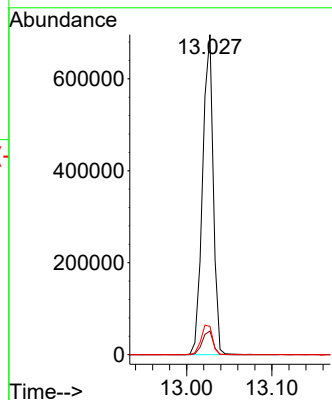
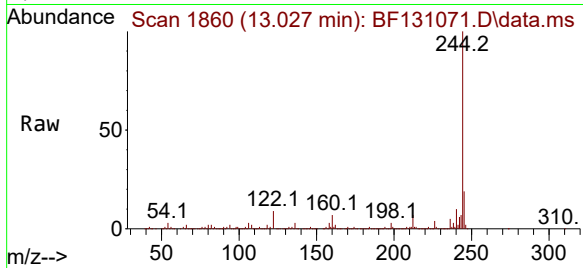




#79
 Terphenyl-d14
 Concen: 58.640 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131071.D
 Acq: 08 Nov 2022 17:26

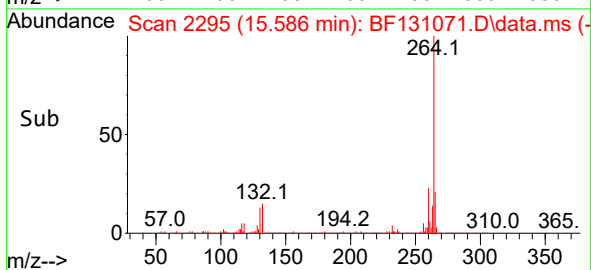
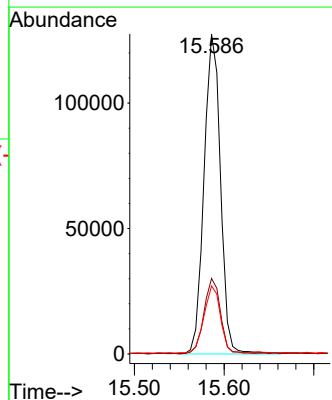
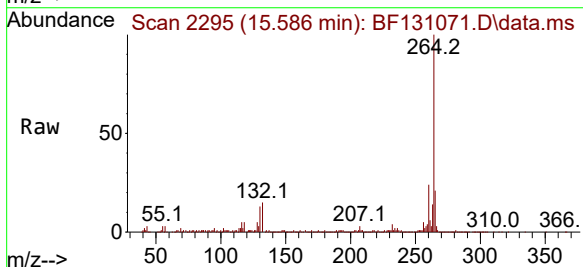
Instrument :
 BNA_F
 ClientSampleId :
 R-25RE

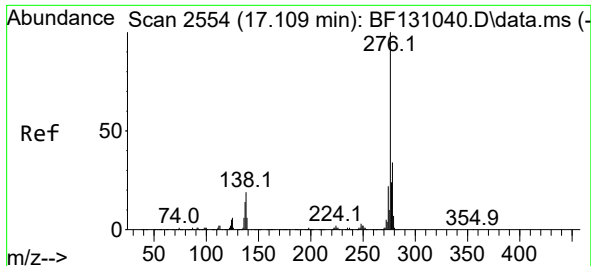
Tgt Ion:244 Resp: 605184
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 8.8 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131071.D
 Acq: 08 Nov 2022 17:26

Tgt Ion:264 Resp: 162722
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.3 17.3 25.9

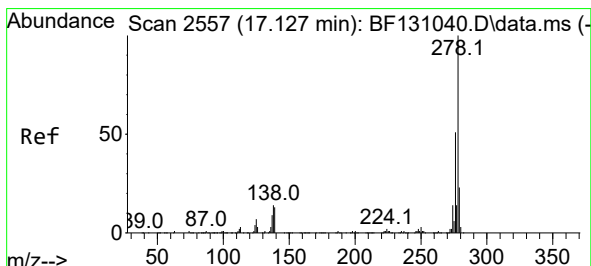
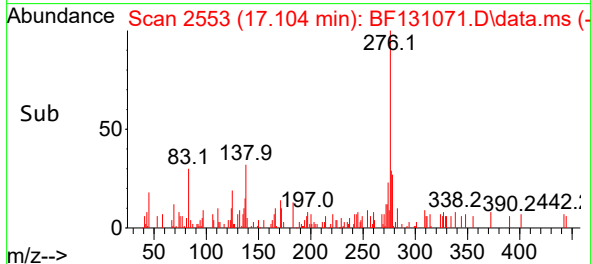
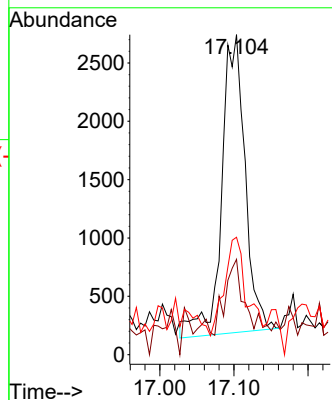
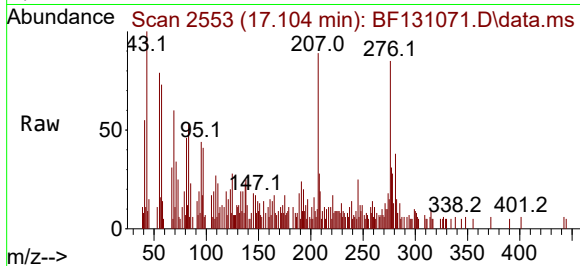




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.704 ng
 RT: 17.104 min Scan# 2553
 Delta R.T. -0.005 min
 Lab File: BF131071.D
 Acq: 08 Nov 2022 17:26

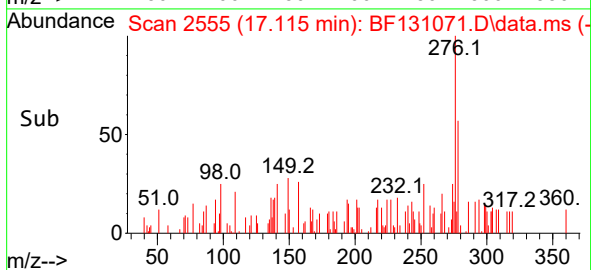
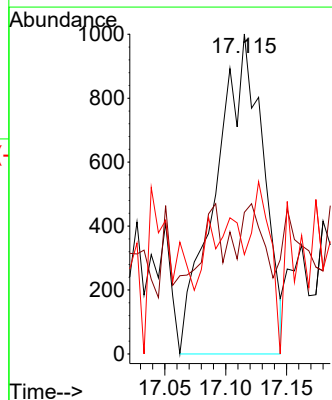
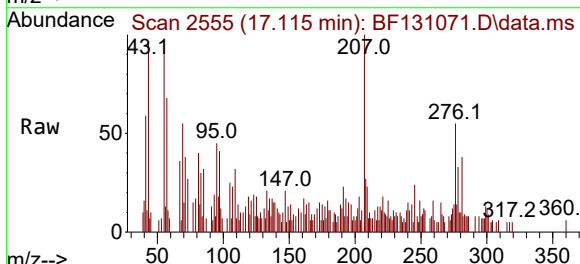
Instrument :
 BNA_F
 ClientSampleId :
 R-25RE

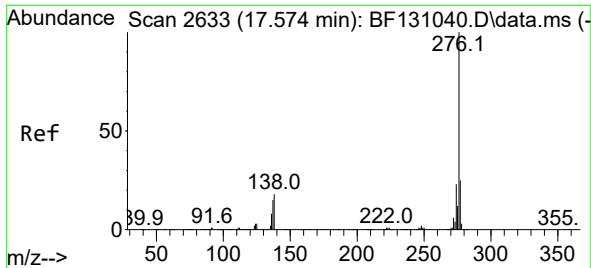
Tgt Ion:276 Resp: 5602
 Ion Ratio Lower Upper
 276 100
 138 19.0 17.3 25.9
 277 30.4 20.2 30.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.530 ng
 RT: 17.115 min Scan# 2555
 Delta R.T. -0.012 min
 Lab File: BF131071.D
 Acq: 08 Nov 2022 17:26

Tgt Ion:278 Resp: 2691
 Ion Ratio Lower Upper
 278 100
 139 44.3 10.8 16.2#
 279 31.1 18.7 28.1#





#92
 Benzo(g,h,i)perylene
 Concen: 3.887 ng
 RT: 17.562 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF131071.D
 Acq: 08 Nov 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 R-25RE

Tgt Ion:276 Resp: 6079
 Ion Ratio Lower Upper
 276 100
 277 23.5 20.0 30.0
 138 23.9 14.8 22.2#

