

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131072.D
 Acq On : 08 Nov 2022 17:58
 Operator : CG\JU
 Sample : N5415-11RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-24RE

Quant Time: Nov 09 04:07:31 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)

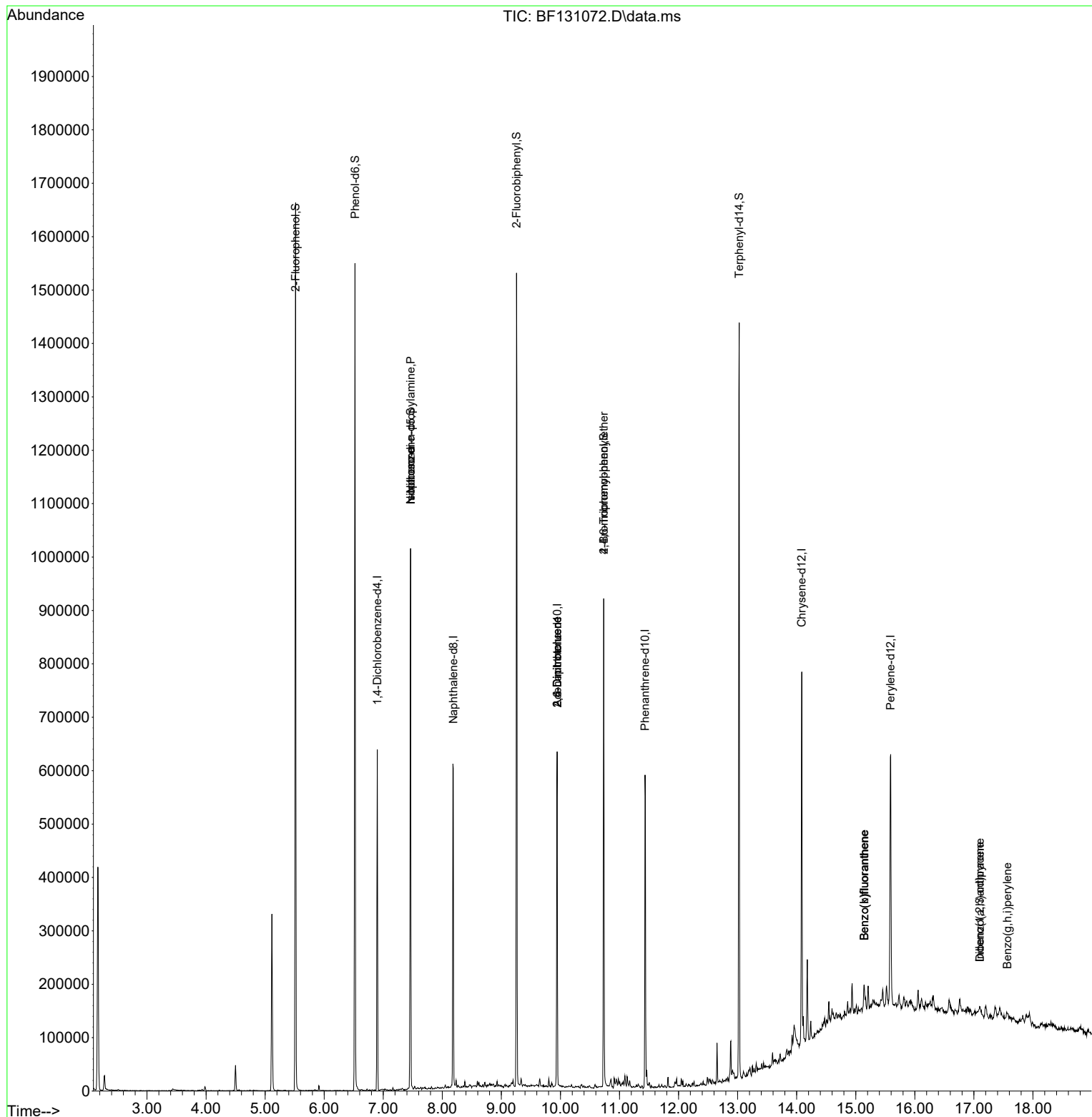
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	78351	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	272468	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	126446	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	214220	20.000	ng	0.00
76) Chrysene-d12	14.086	240	228755	20.000	ng	0.00
86) Perylene-d12	15.592	264	222644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	377607	77.713	ng	0.00
7) Phenol-d6	6.522	99	440536	74.281	ng	0.00
23) Nitrobenzene-d5	7.463	82	288812	49.133	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	93055	66.843	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	453066	48.831	ng	-0.01
79) Terphenyl-d14	13.027	244	478360	33.526	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	39635	9.378	ng	# 73
25) Isophorone	7.463	82	286997	28.485	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	16207	7.796	ng	# 18
55) Dibenzofuran	10.151	168	361	Below Cal		# 44
57) 2,4-Dinitrotoluene	9.945	165	16207	6.001	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	5953	2.212	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.098	276	10540	3.847	ng	95
88) Benzo(b)fluoranthene	15.145	252	32784	2.026	ng	# 93
89) Benzo(k)fluoranthene	15.145	252	32784	2.080	ng	# 91
91) Dibenzo(a,h)anthracene	17.104	278	3569	3.524	ng	# 49
92) Benzo(g,h,i)perylene	17.568	276	10926	4.042	ng	# 95

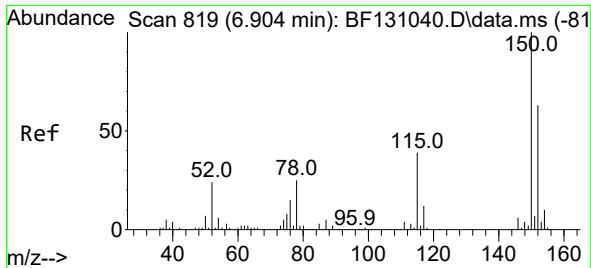
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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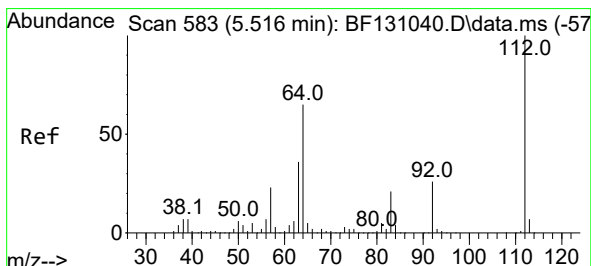
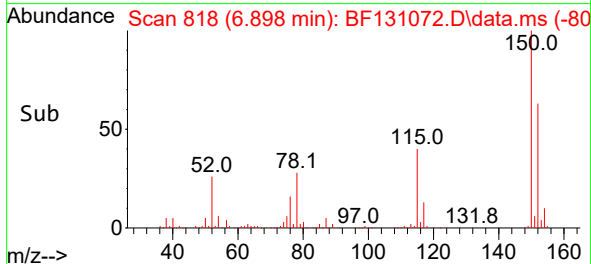
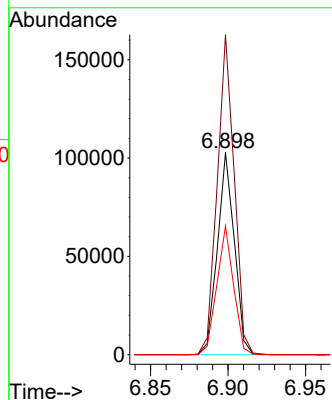
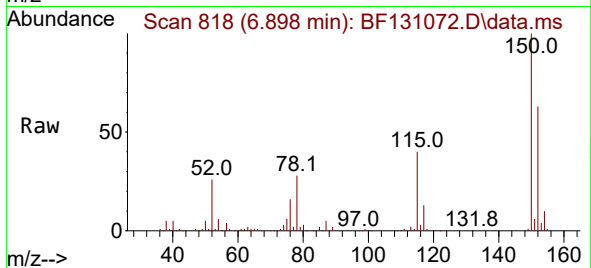




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

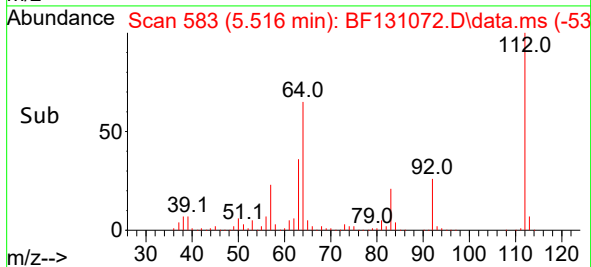
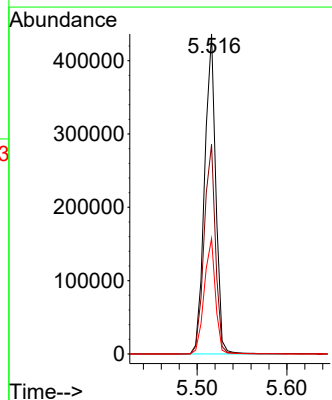
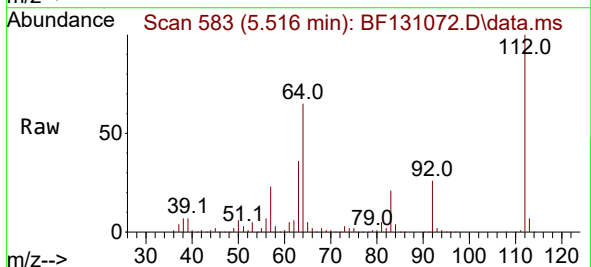
Instrument :
BNA_F
ClientSampleId :
R-24RE

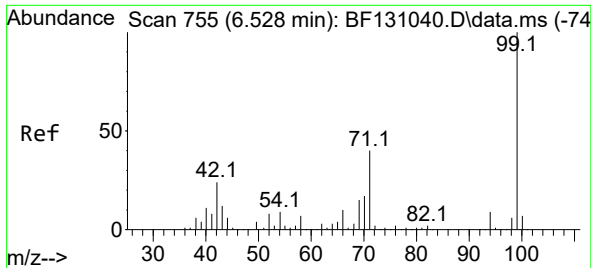
Tgt Ion:152 Resp: 78351
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 63.6 49.1 73.7



#5
2-Fluorophenol
Concen: 77.713 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion:112 Resp: 377607
Ion Ratio Lower Upper
112 100
64 65.5 52.2 78.4
63 36.1 29.0 43.4

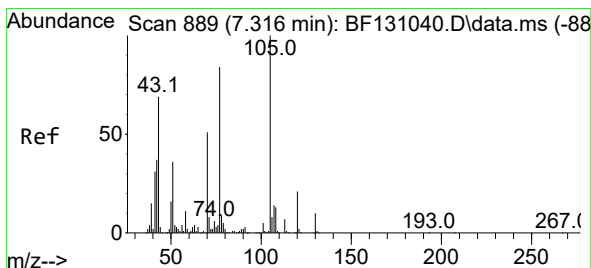
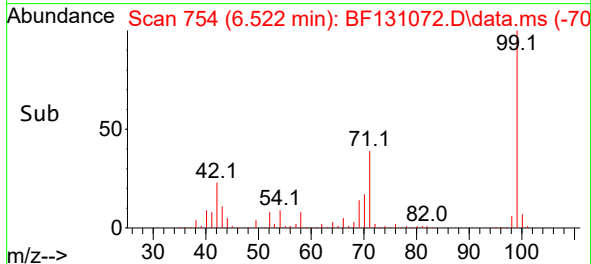
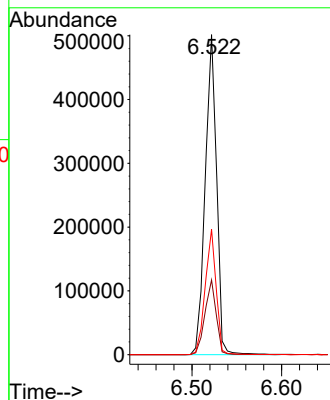
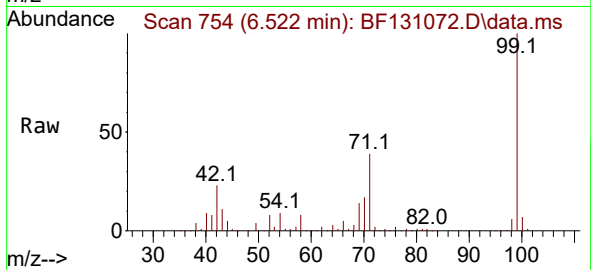




#7
Phenol-d6
Concen: 74.281 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

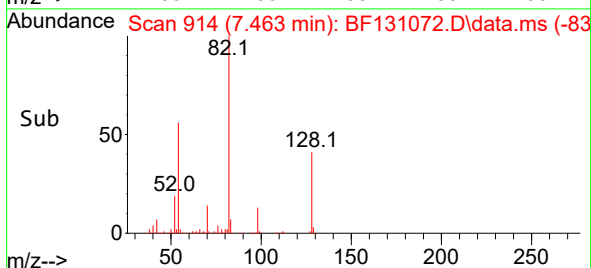
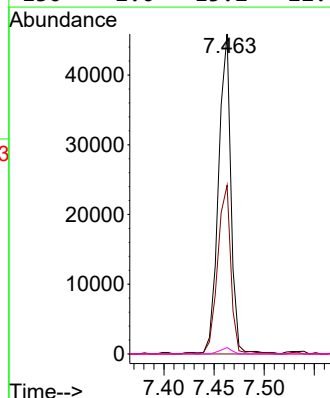
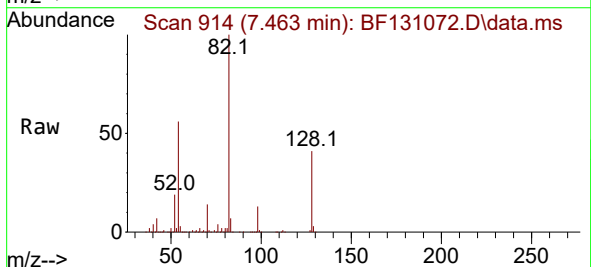
Instrument :
BNA_F
ClientSampleId :
R-24RE

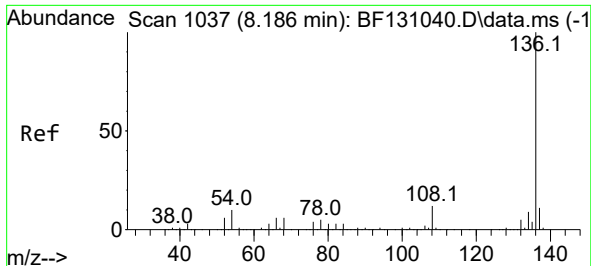
Tgt Ion: 99 Resp: 440536
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.0
71 39.2 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.378 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion: 70 Resp: 39635
Ion Ratio Lower Upper
70 100
42 52.7 59.0 88.4#
101 0.0 8.0 12.0#
130 2.0 15.2 22.8#

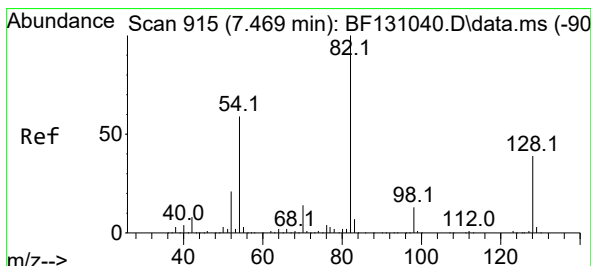
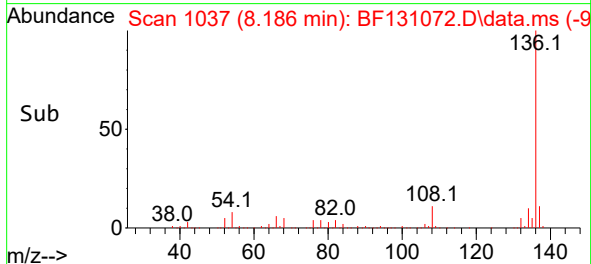
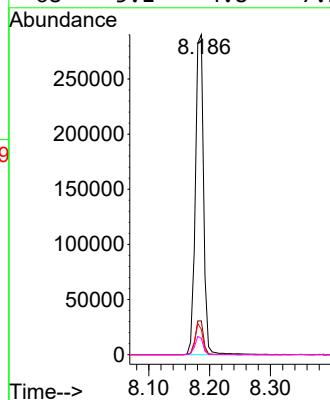
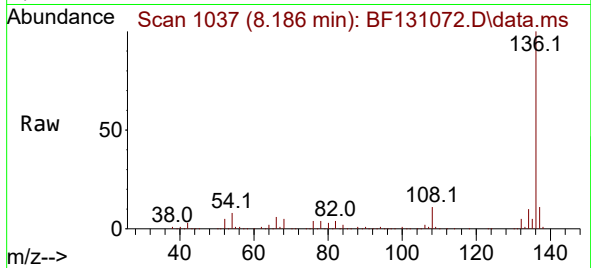




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

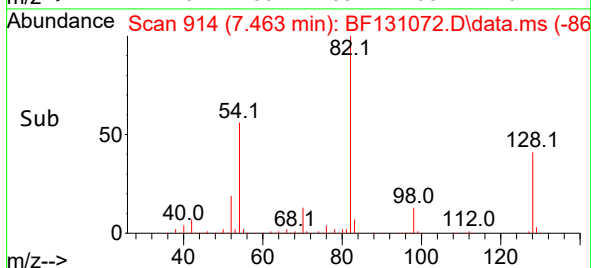
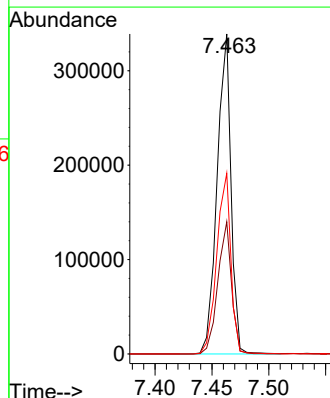
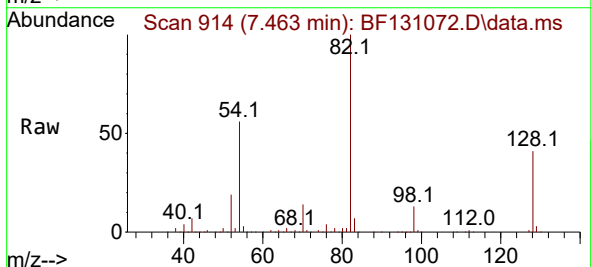
Instrument :
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ClientSampleId :
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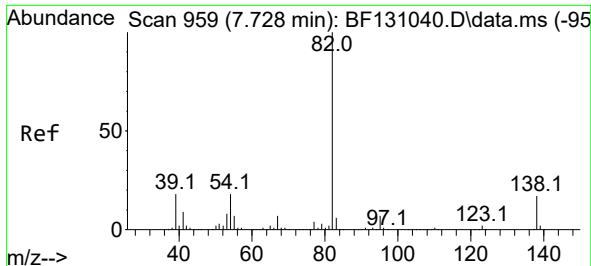
Tgt Ion:136 Resp: 272468
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 8.2 12.2#
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 49.133 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion: 82 Resp: 288812
Ion Ratio Lower Upper
82 100
128 41.3 31.3 46.9
54 56.4 47.2 70.8

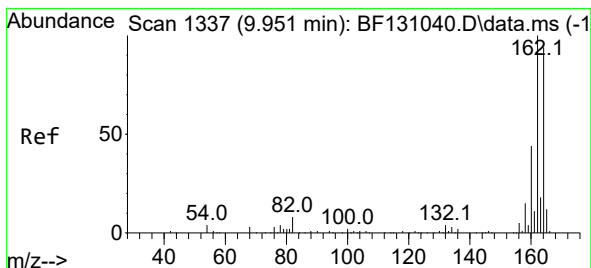
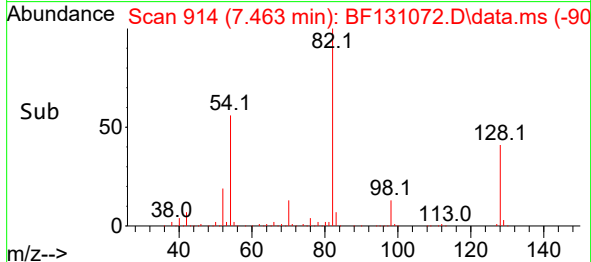
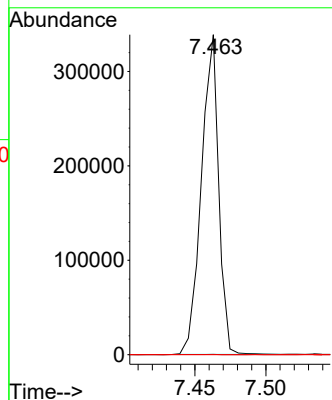
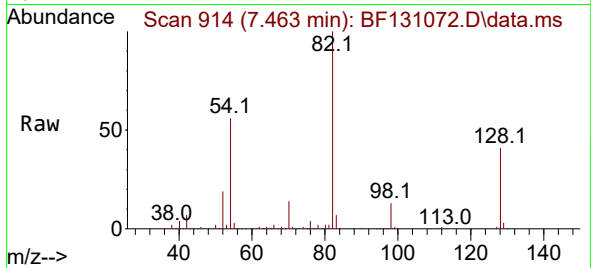




#25
Isophorone
Concen: 28.485 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

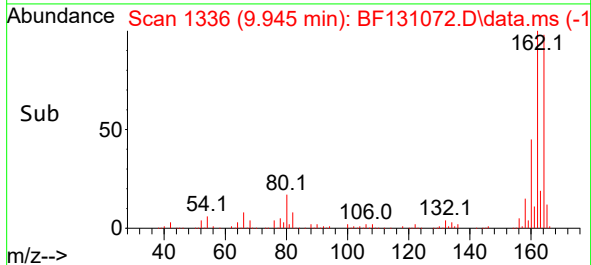
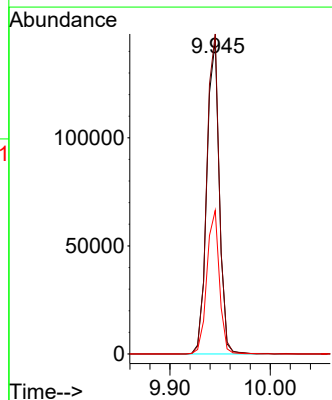
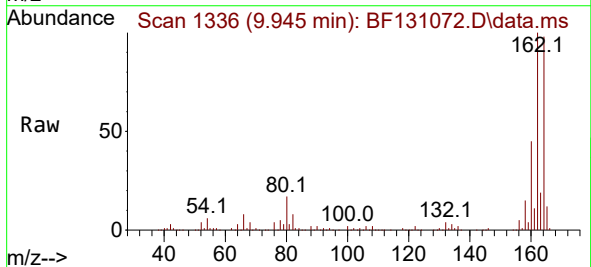
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ClientSampleId :
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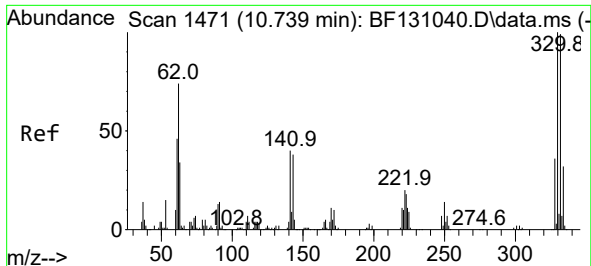
Tgt Ion: 82 Resp: 286997
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion: 164 Resp: 126446
Ion Ratio Lower Upper
164 100
162 102.1 85.0 127.6
160 45.8 37.0 55.6

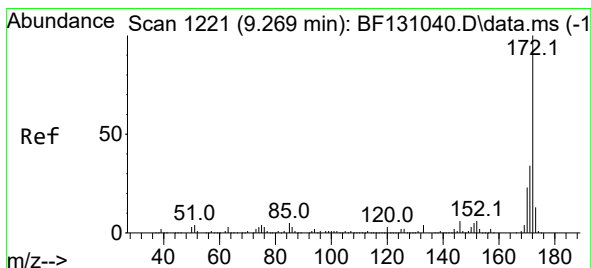
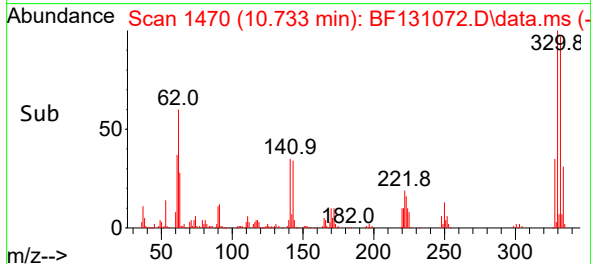
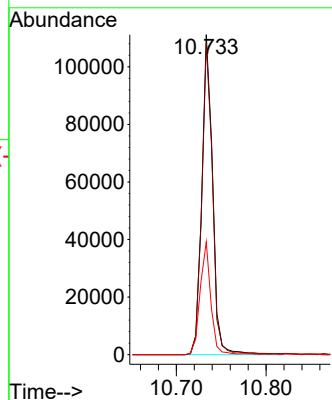
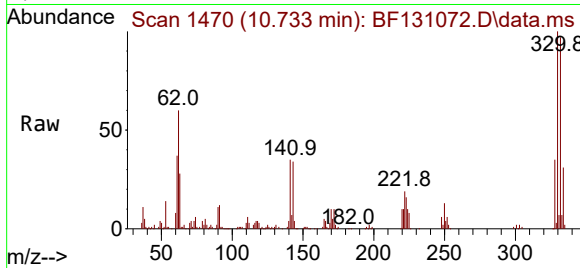




#42
2,4,6-Tribromophenol
Concen: 66.843 ng
RT: 10.733 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

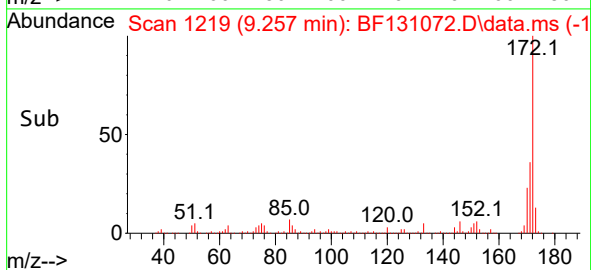
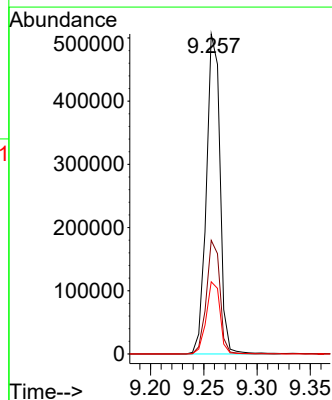
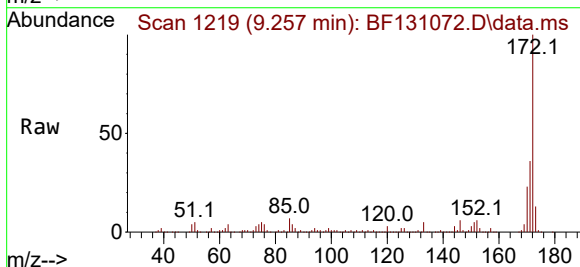
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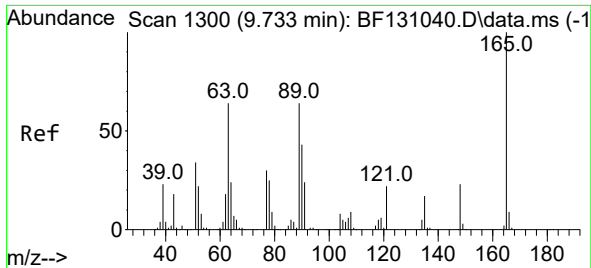
Tgt Ion: 330 Resp: 93055
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 35.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 48.831 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion: 172 Resp: 453066
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 22.6 18.4 27.6

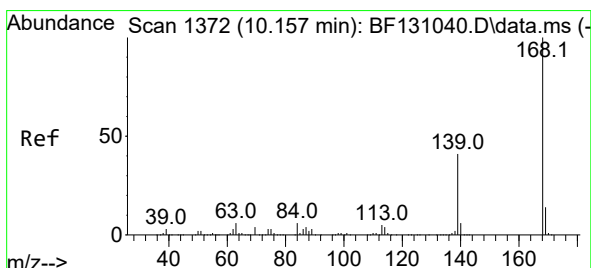
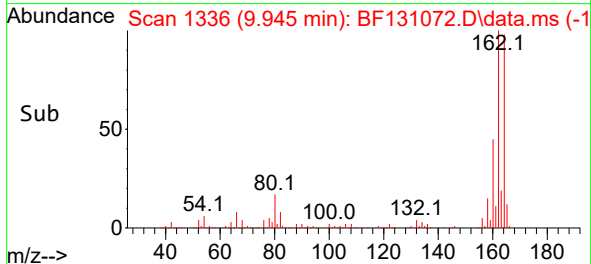
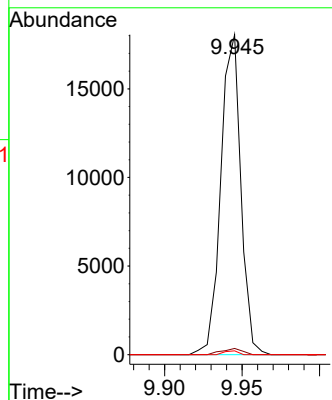
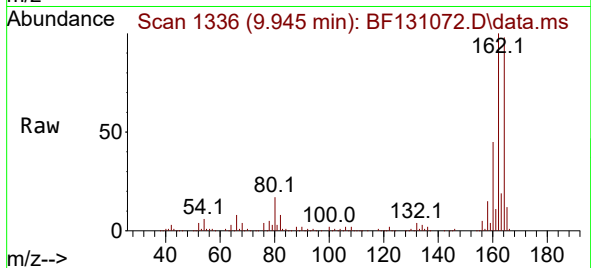




#51
2,6-Dinitrotoluene
Concen: 7.796 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

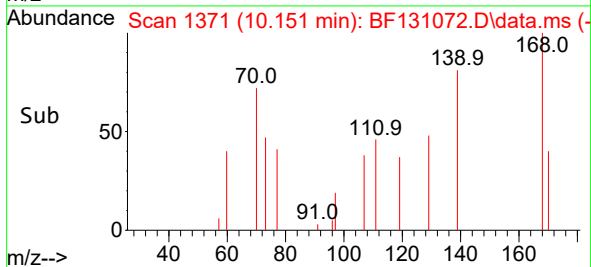
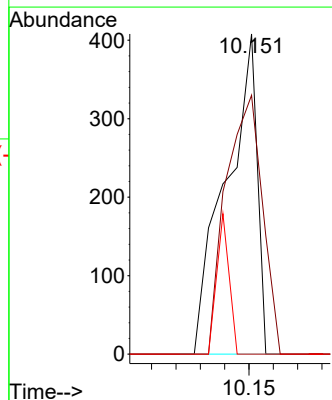
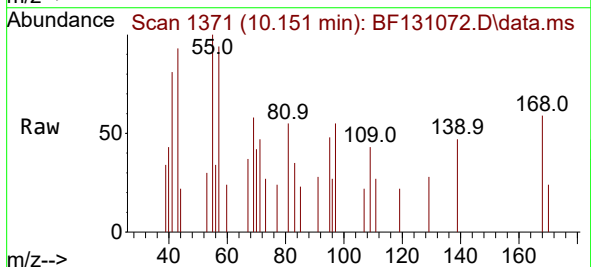
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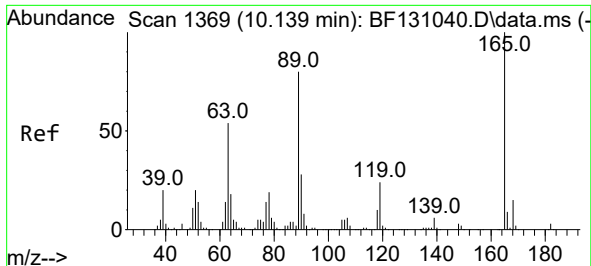
Tgt Ion:165 Resp: 16207
Ion Ratio Lower Upper
165 100
63 1.9 57.2 85.8#
89 1.2 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion:168 Resp: 361
Ion Ratio Lower Upper
168 100
139 80.9 33.0 49.6#
169 0.0 11.3 16.9#

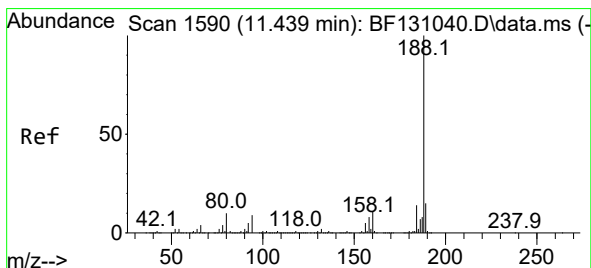
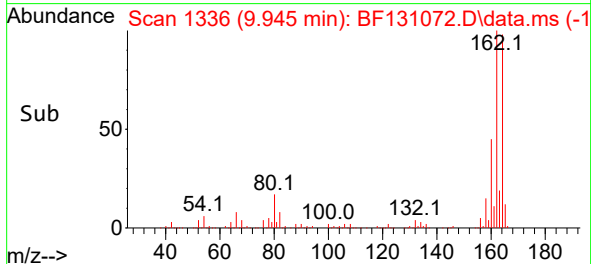
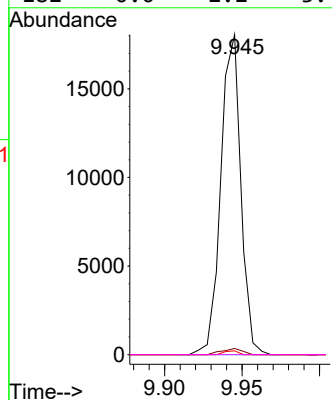
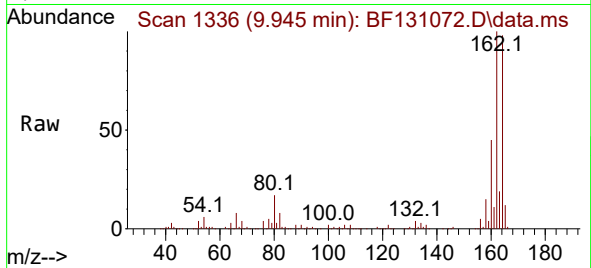




#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

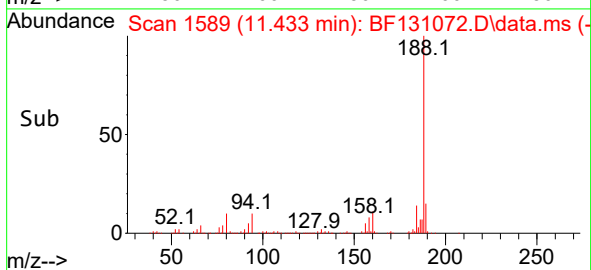
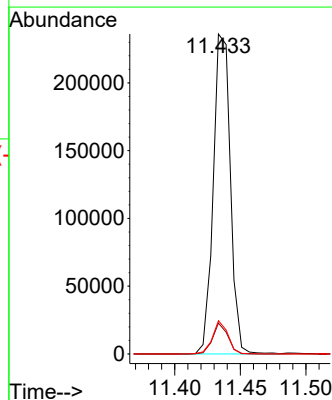
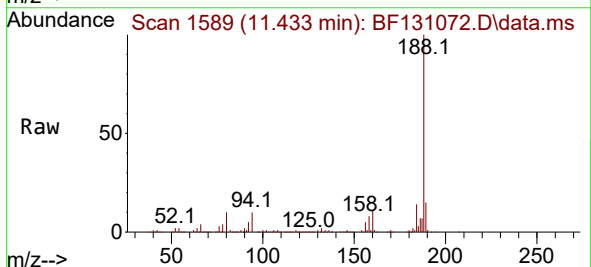
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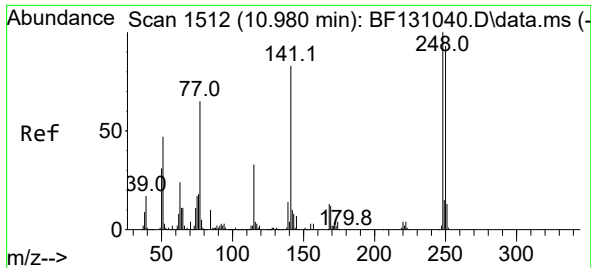
Tgt Ion:165 Resp: 16207
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.0#
89 1.2 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion:188 Resp: 214220
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.4 8.1 12.1

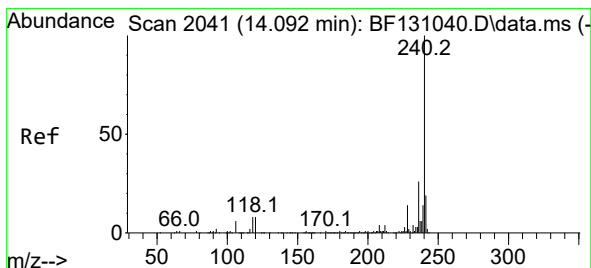
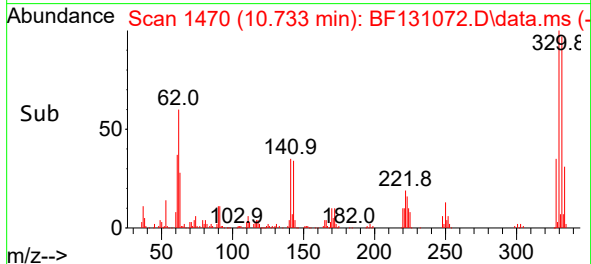
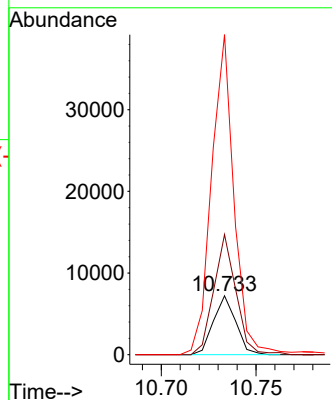
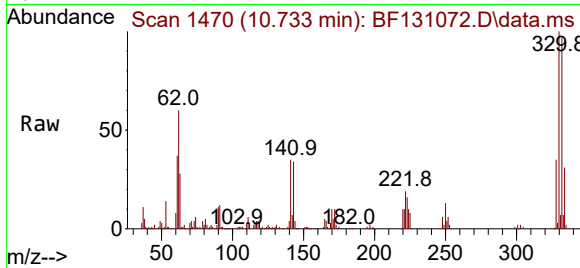




#67
4-Bromophenyl-phenylether
Concen: 2.212 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

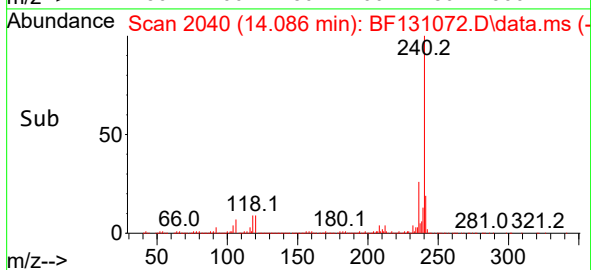
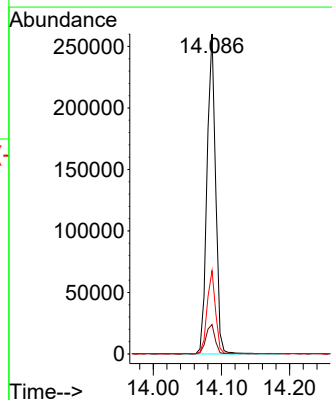
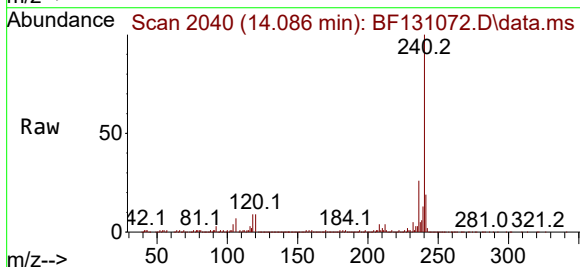
Instrument :
BNA_F
ClientSampleId :
R-24RE

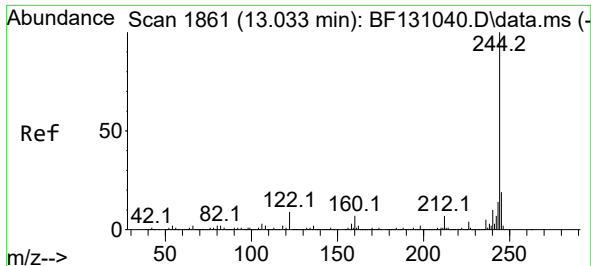
Tgt Ion:248 Resp: 5953
Ion Ratio Lower Upper
248 100
250 203.9 74.6 112.0#
141 543.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion:240 Resp: 228755
Ion Ratio Lower Upper
240 100
120 9.2 6.7 10.1
236 26.0 20.8 31.2

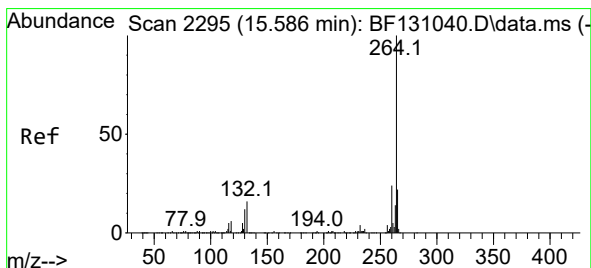
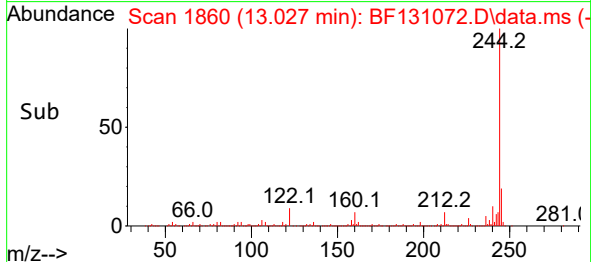
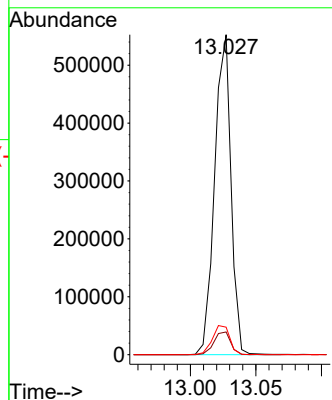
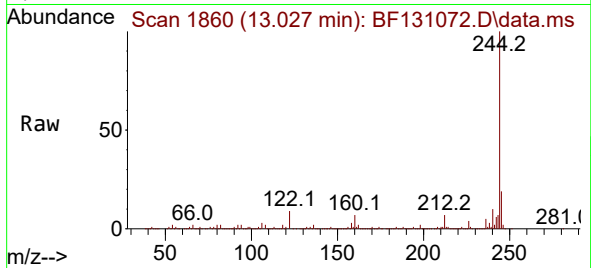




#79
 Terphenyl-d14
 Concen: 33.526 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

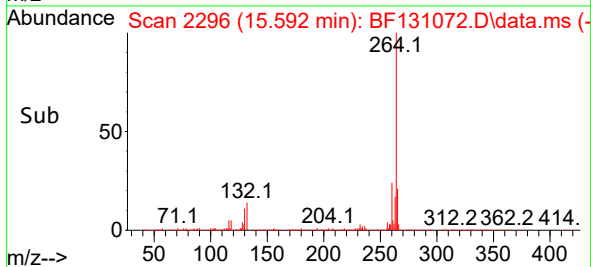
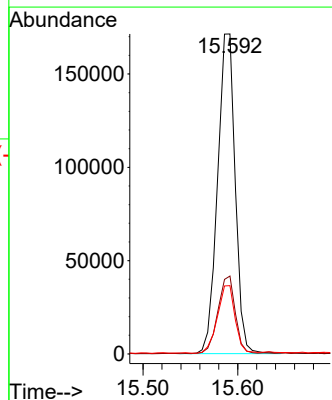
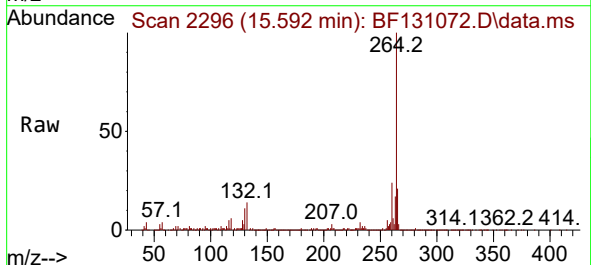
Instrument :
 BNA_F
 ClientSampleId :
 R-24RE

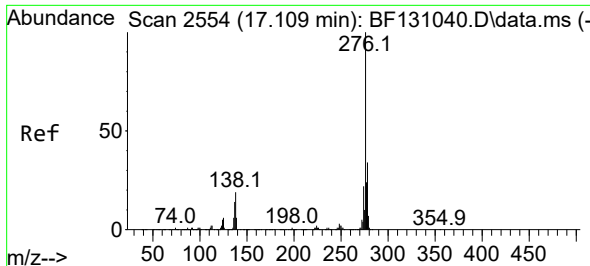
Tgt Ion:244 Resp: 478360
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.6 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. 0.006 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

Tgt Ion:264 Resp: 222644
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.4 17.3 25.9

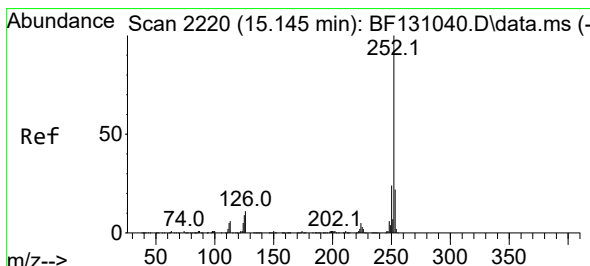
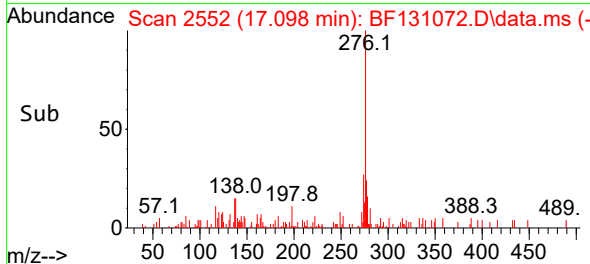
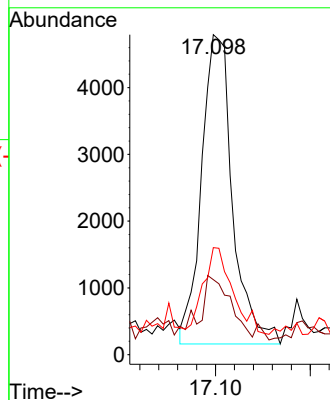
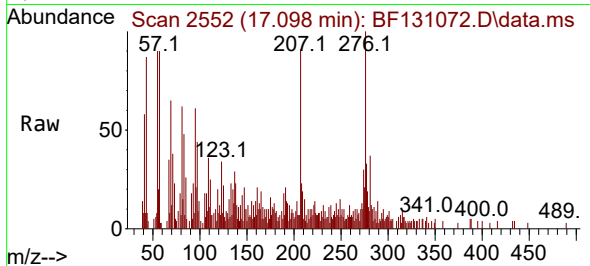




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.847 ng
 RT: 17.098 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

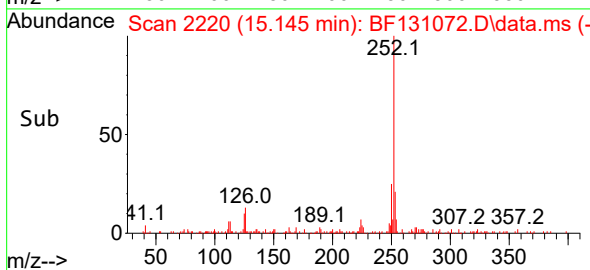
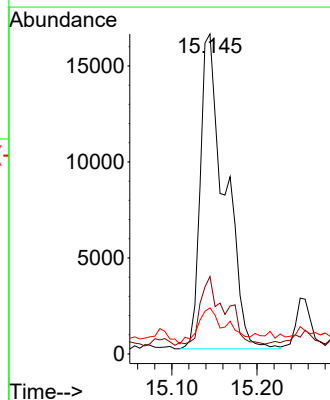
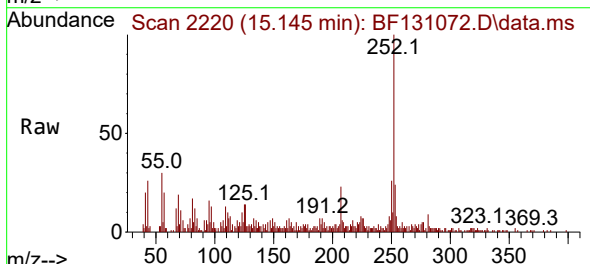
Instrument :
 BNA_F
 ClientSampleId :
 R-24RE

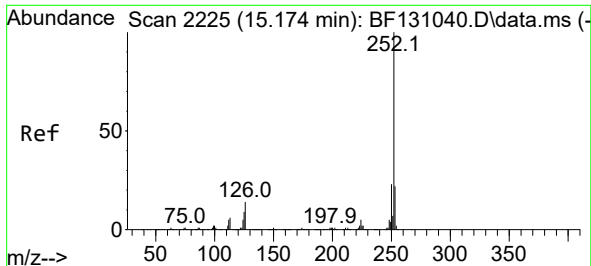
Tgt Ion:	276	Resp:	10540
Ion Ratio	Lower	Upper	
276	100		
138	19.3	17.3	25.9
277	27.5	20.2	30.4



#88
 Benzo(b)fluoranthene
 Concen: 2.026 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. 0.000 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

Tgt Ion:	252	Resp:	32784
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.9	26.9
125	14.4	7.1	10.7#





#89

Benzo(k)fluoranthene

Concen: 2.080 ng

RT: 15.145 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF131072.D

Acq: 08 Nov 2022 17:58

Instrument :

BNA_F

ClientSampleId :

R-24RE

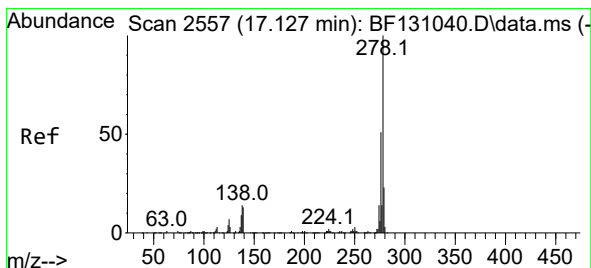
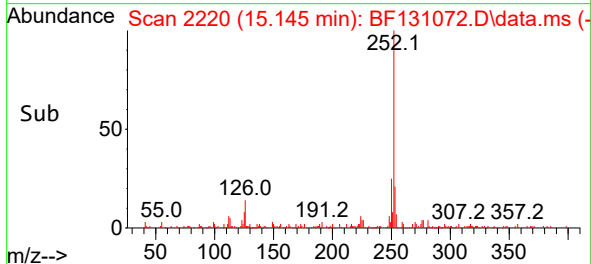
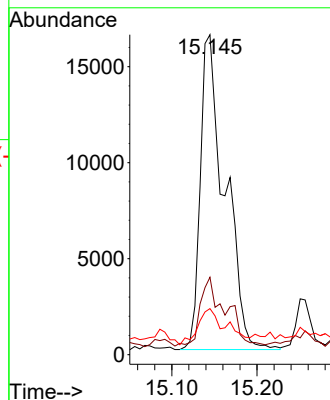
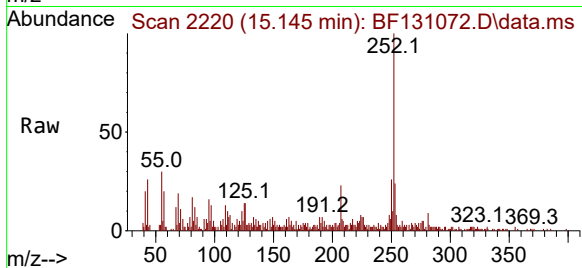
Tgt Ion:252 Resp: 32784

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 14.4 7.2 10.8#



#91

Dibenzo(a,h)anthracene

Concen: 3.524 ng

RT: 17.104 min Scan# 2553

Delta R.T. -0.023 min

Lab File: BF131072.D

Acq: 08 Nov 2022 17:58

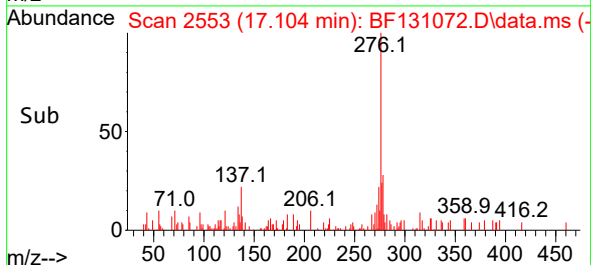
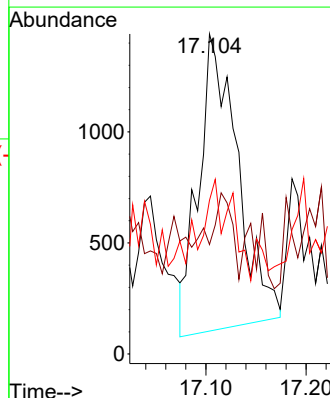
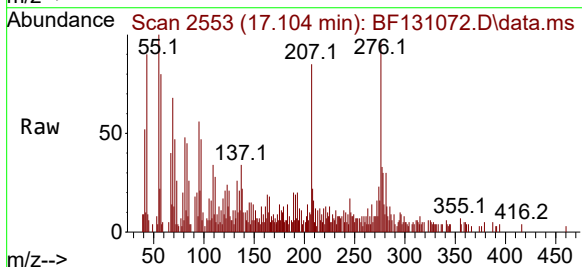
Tgt Ion:278 Resp: 3569

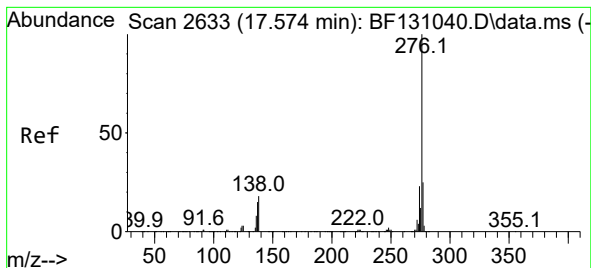
Ion Ratio Lower Upper

278 100

139 34.2 10.8 16.2#

279 48.0 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 4.042 ng

RT: 17.568 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131072.D

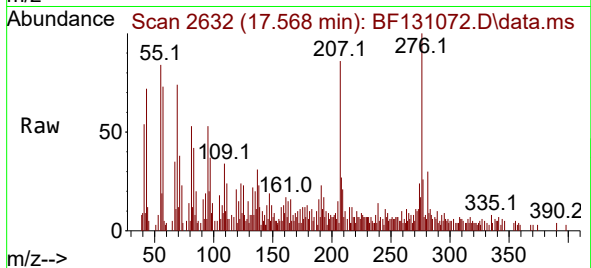
Acq: 08 Nov 2022 17:58

Instrument :

BNA_F

ClientSampleId :

R-24RE



Tgt Ion:276 Resp: 10926

Ion Ratio Lower Upper

276 100

277 25.6 20.0 30.0

138 23.4 14.8 22.2#

