

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134326.D
 Acq On : 17 Jul 2023 20:57
 Operator : CG\JU
 Sample : 03619-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3471

Quant Time: Jul 18 01:17:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

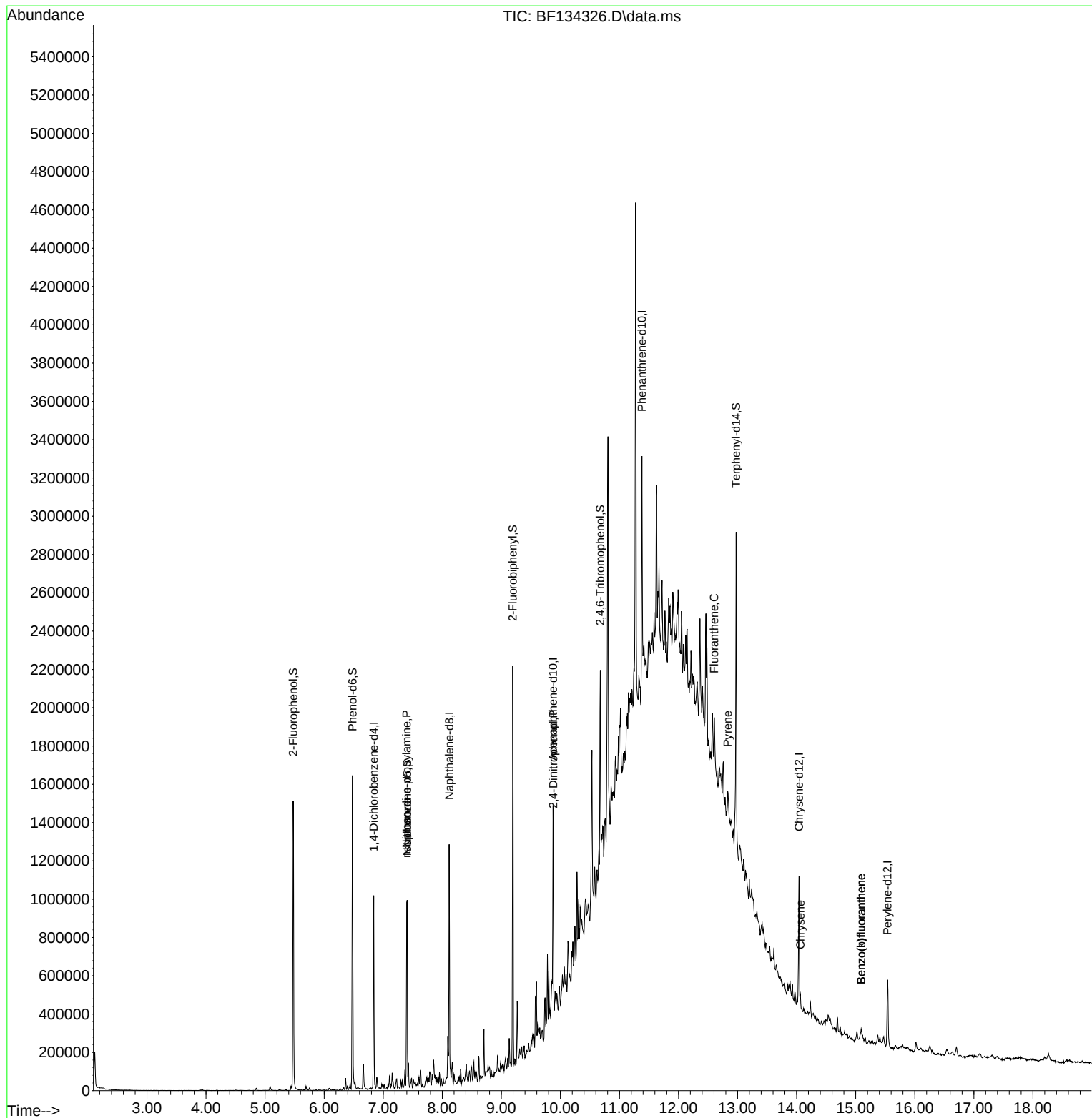
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	130892	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	467641	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	200428	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	324867	20.000	ng	0.00
76) Chrysene-d12	14.039	240	223502	20.000	ng	0.00
86) Perylene-d12	15.539	264	184044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	401436	51.303	ng	0.00
7) Phenol-d6	6.481	99	469982	48.839	ng	0.00
23) Nitrobenzene-d5	7.404	82	304412	35.090	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	127531	50.749	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	573169	41.577	ng	-0.01
79) Terphenyl-d14	12.974	244	537517	38.706	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.393	77	844	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	46141	7.561 ng	#	73
25) Isophorone	7.404	82	303001	19.218 ng	#	64
54) 2,4-Dinitrophenol	9.881	184	54	3.892 ng	#	1
75) Fluoranthene	12.604	202	69296	3.919 ng		93
78) Pyrene	12.833	202	53651	2.579 ng	#	94
83) Chrysene	14.063	228	30402	2.025 ng		97
88) Benzo(b)fluoranthene	15.092	252	38244	3.534 ng	#	93
89) Benzo(k)fluoranthene	15.092	252	38244	3.471 ng	#	92

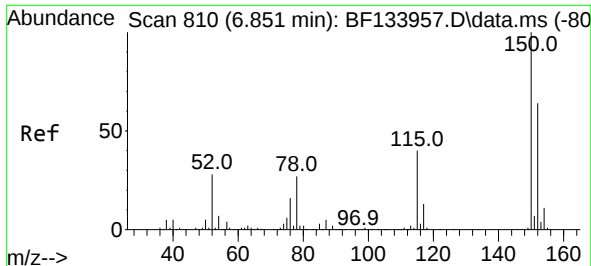
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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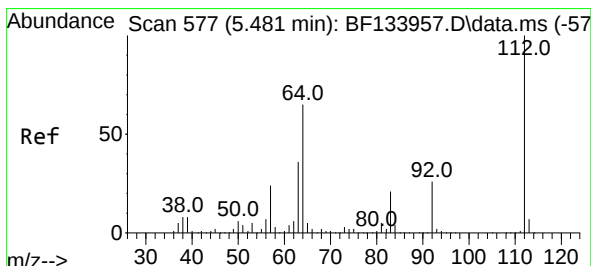
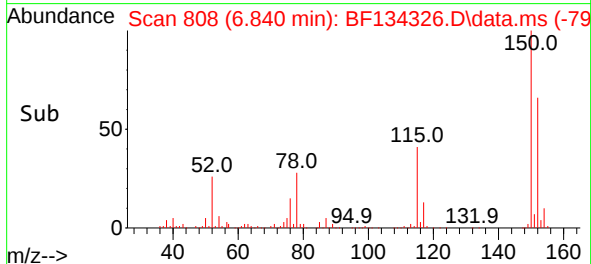
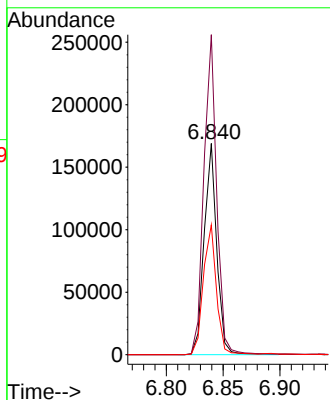
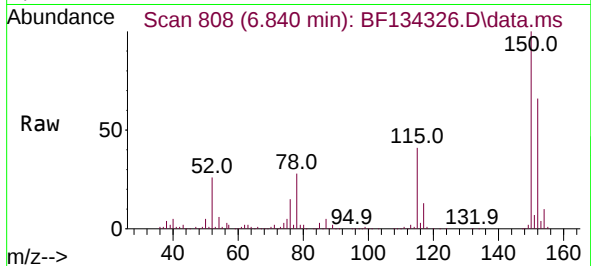




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

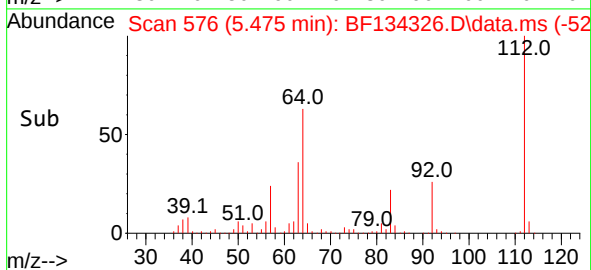
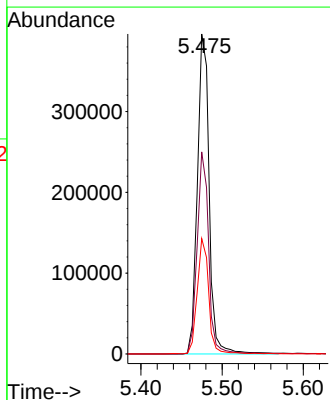
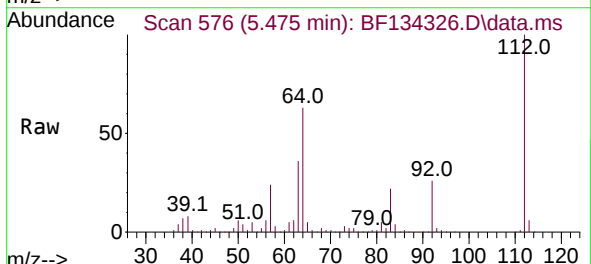
Instrument :
BNA_F
ClientSampleId :
RT3471

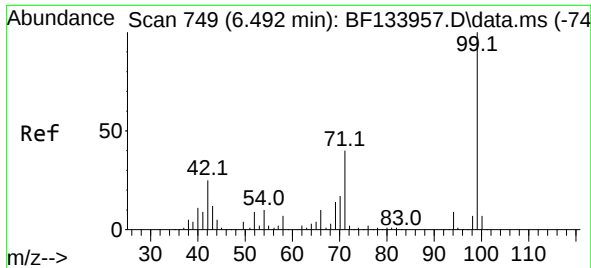
Tgt Ion:152 Resp: 130892
Ion Ratio Lower Upper
152 100
150 151.6 124.5 186.7
115 61.5 50.2 75.2



#5
2-Fluorophenol
Concen: 51.303 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion:112 Resp: 401436
Ion Ratio Lower Upper
112 100
64 63.1 52.1 78.1
63 36.0 28.6 42.8

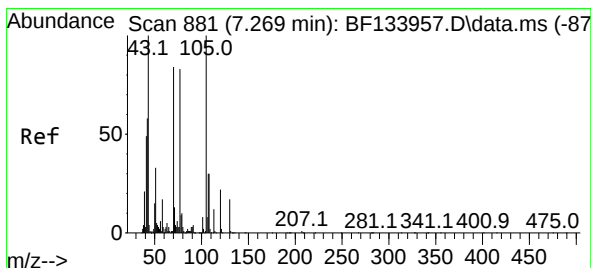
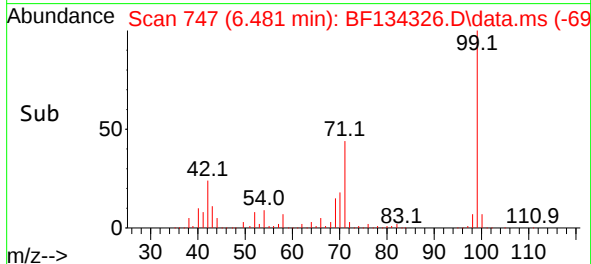
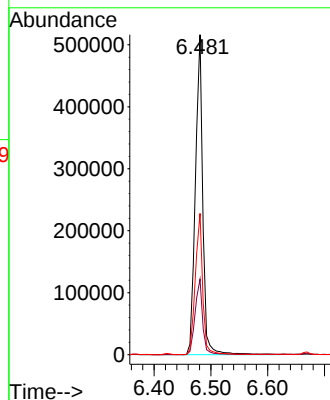
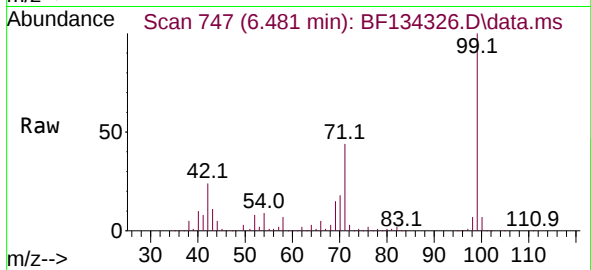




#7
Phenol-d6
Concen: 48.839 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

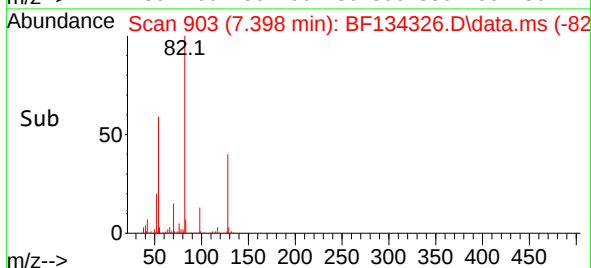
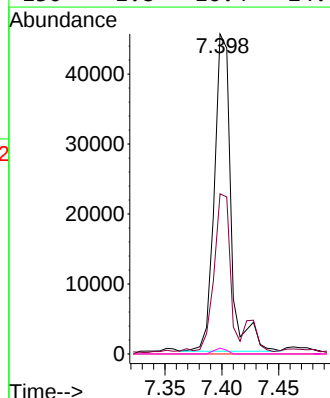
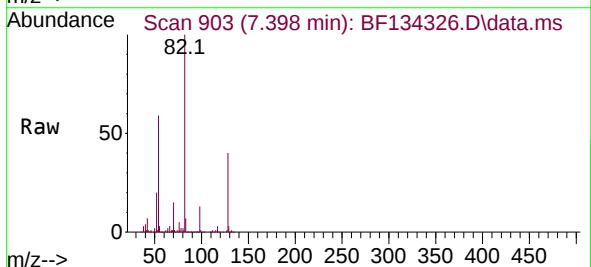
Instrument :
BNA_F
ClientSampleId :
RT3471

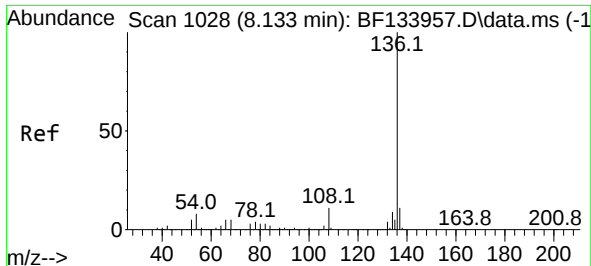
Tgt Ion: 99 Resp: 469982
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 44.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 7.561 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion: 70 Resp: 46141
Ion Ratio Lower Upper
70 100
42 50.1 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



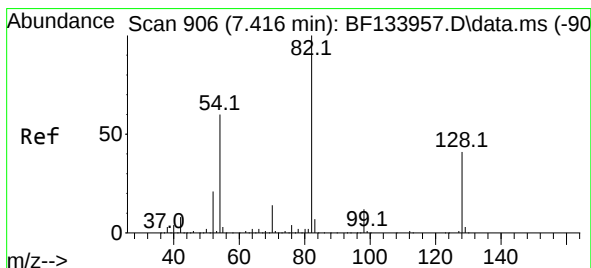
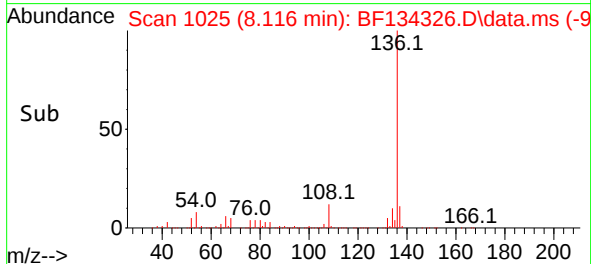
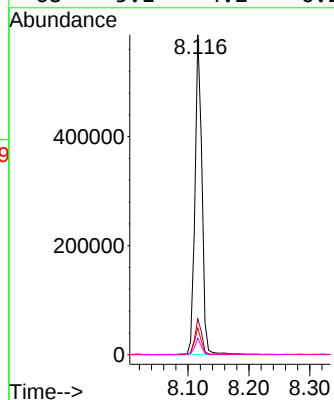
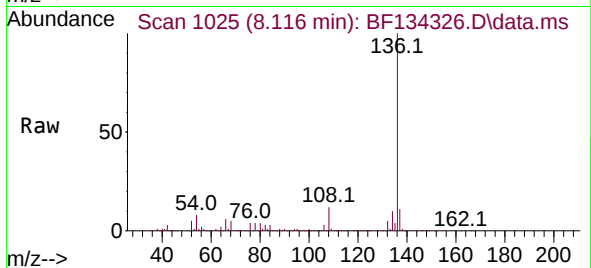


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Instrument :
BNA_F
ClientSampleId :
RT3471

Tgt Ion:136 Resp: 467641

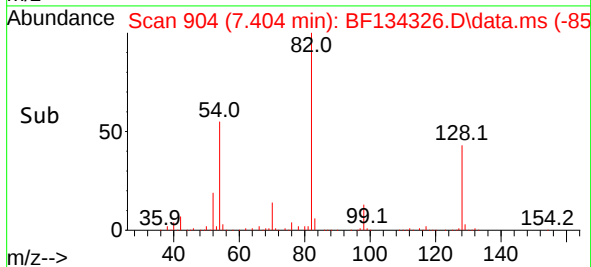
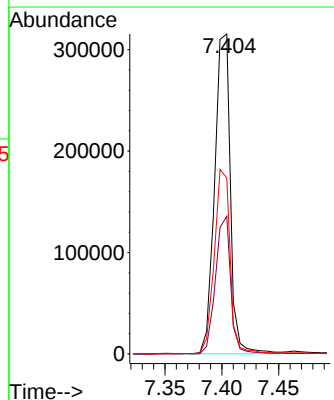
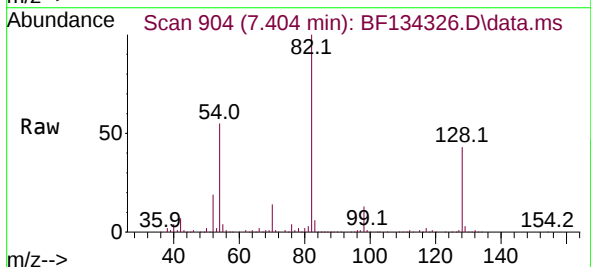
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.4	6.5	9.7
68	5.1	4.2	6.2

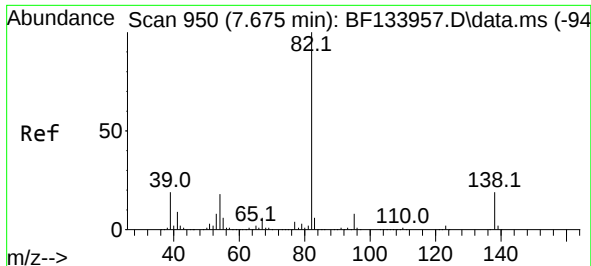


#23
Nitrobenzene-d5
Concen: 35.090 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion: 82 Resp: 304412

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.5	48.7
54	55.0	48.2	72.2

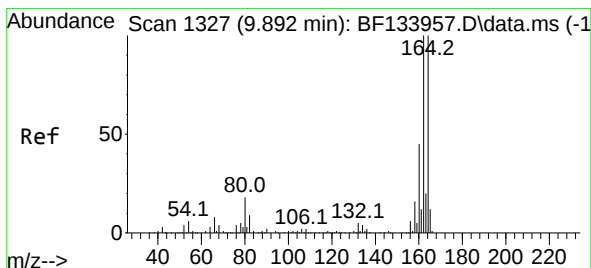
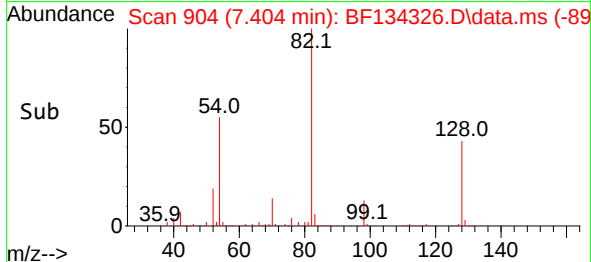
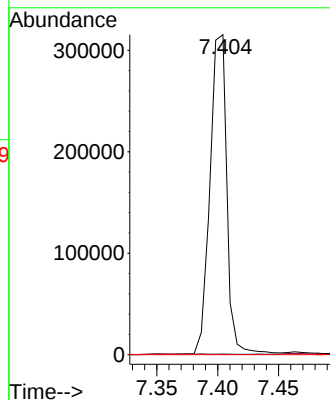
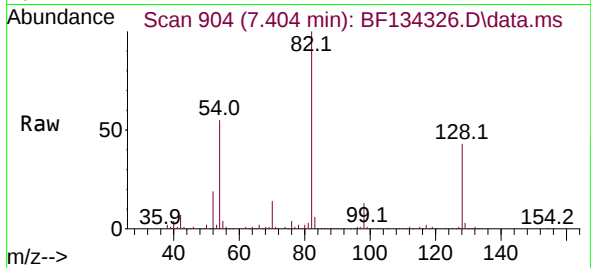




#25
Isophorone
Concen: 19.218 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

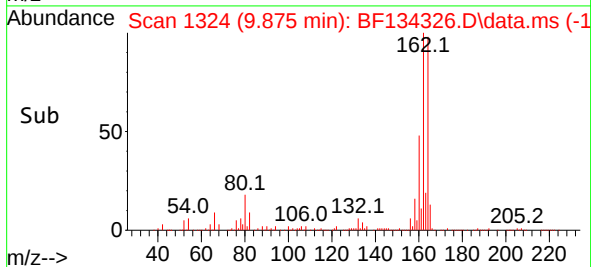
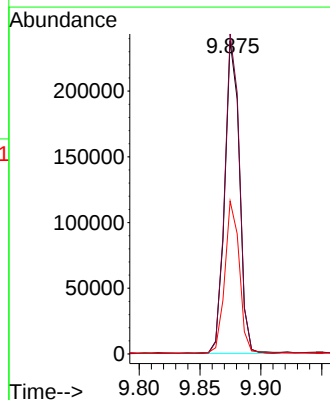
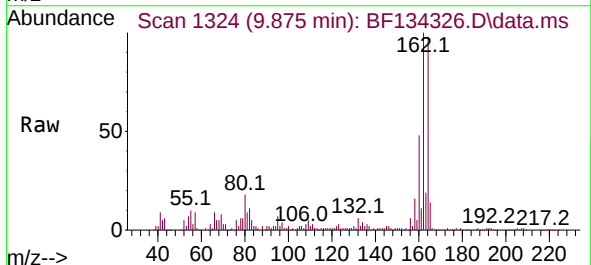
Instrument :
BNA_F
ClientSampleId :
RT3471

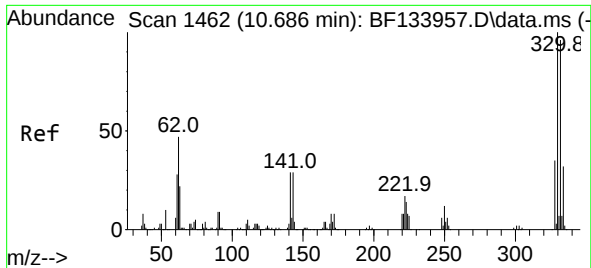
Tgt Ion: 82 Resp: 303001
Ion Ratio Lower Upper
82 100
95 0.2 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion:164 Resp: 200428
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 48.9 35.9 53.9

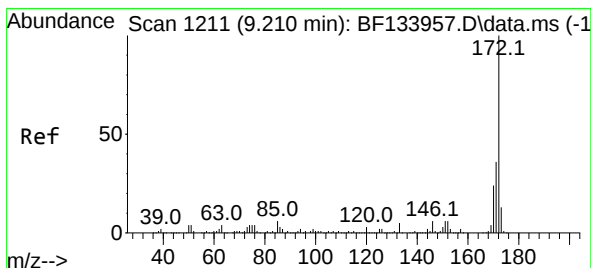
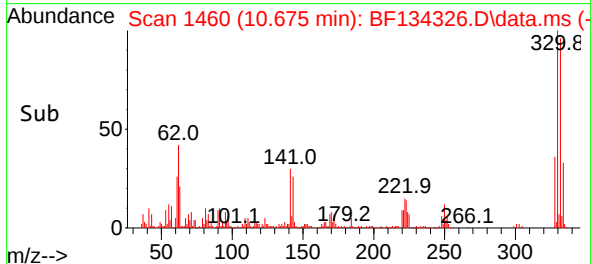
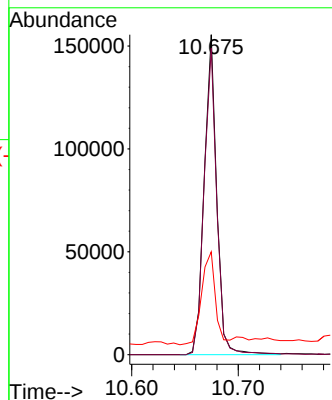
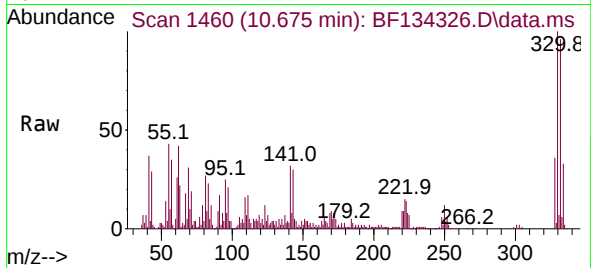




#42
2,4,6-Tribromophenol
Concen: 50.749 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

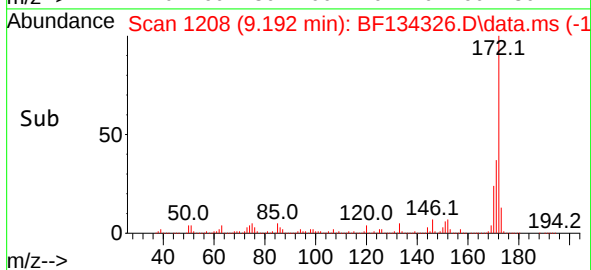
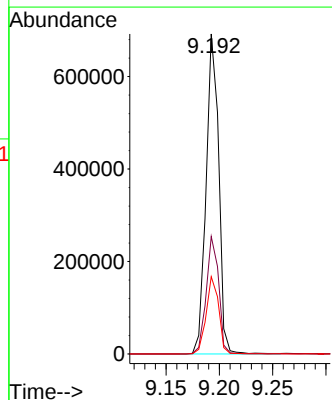
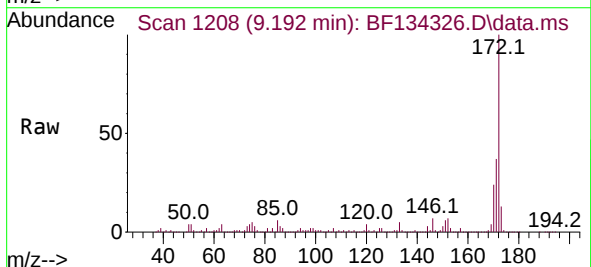
Instrument :
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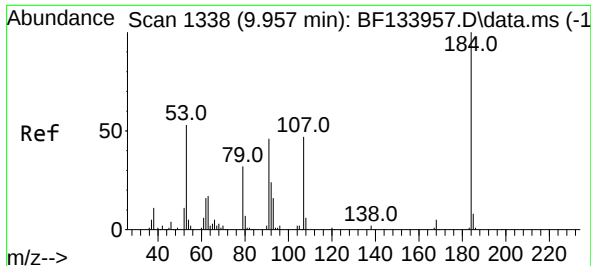
Tgt Ion:330 Resp: 127531
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 41.577 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion:172 Resp: 573169
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.2 19.4 29.0

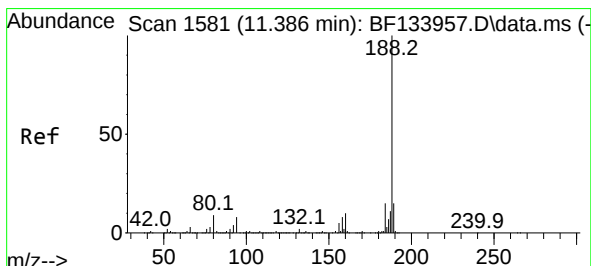
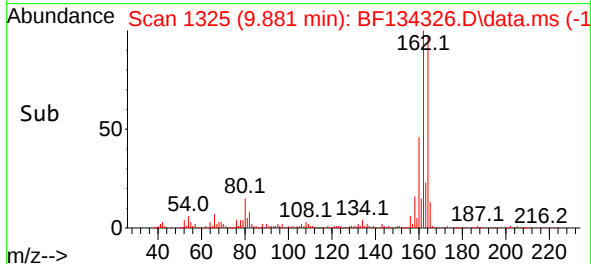
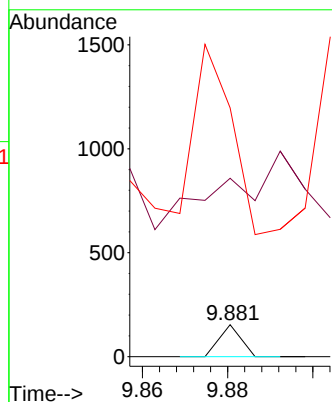
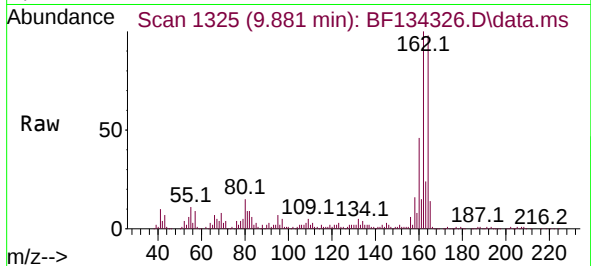




#54
2,4-Dinitrophenol
Concen: 3.892 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.076 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

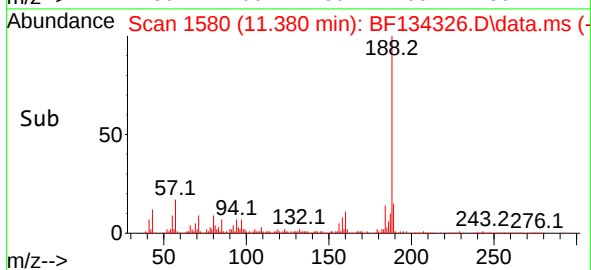
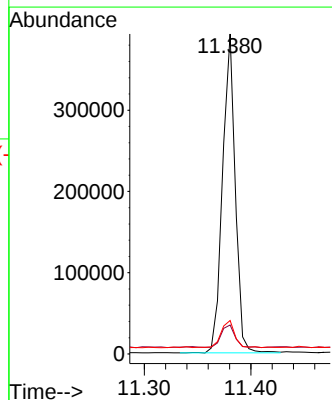
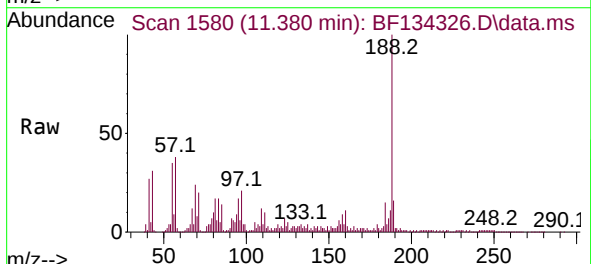
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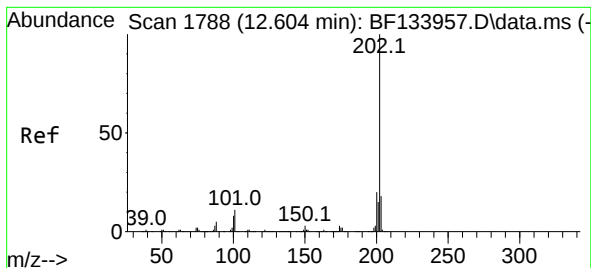
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 557.1 56.9 85.3#
154 777.3 55.4 83.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion:188 Resp: 324867
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 10.5 7.3 10.9





#75

Fluoranthene

Concen: 3.919 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

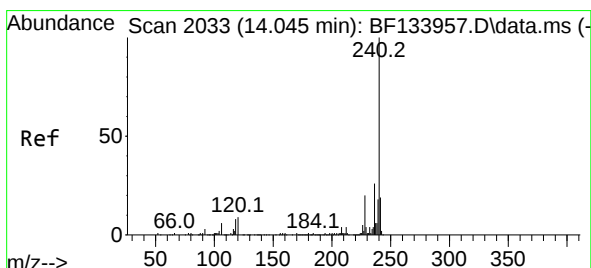
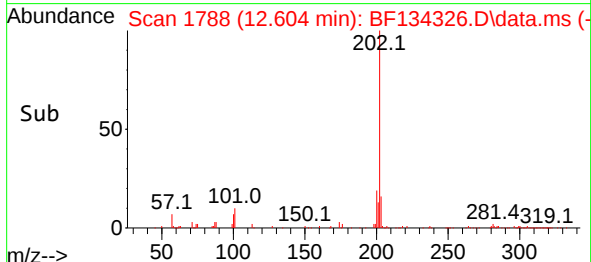
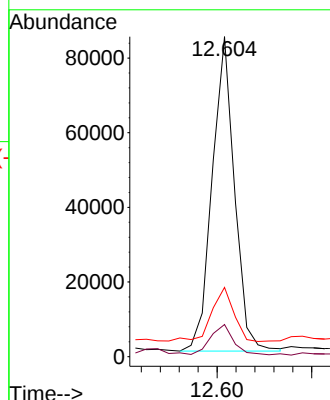
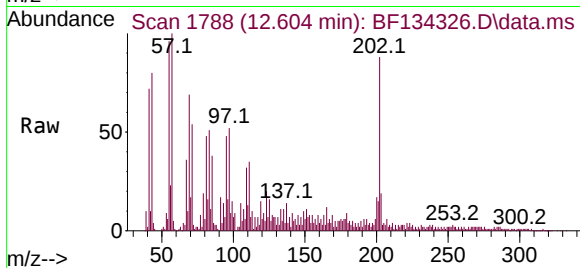
Instrument :

BNA_F

ClientSampleId :

RT3471

Tgt Ion:	202	Resp:	69296
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.0
203	21.7	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

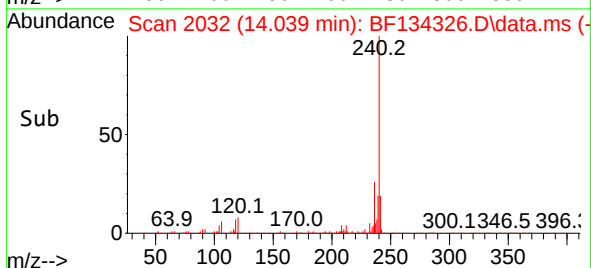
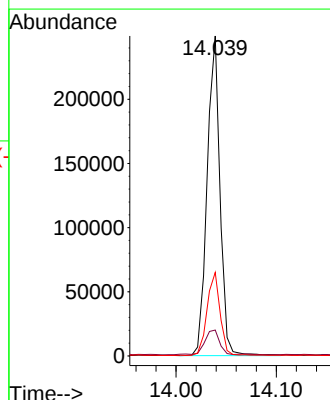
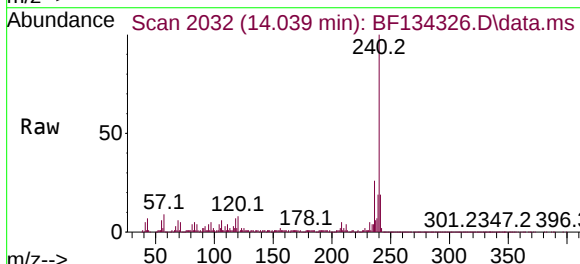
RT: 14.039 min Scan# 2032

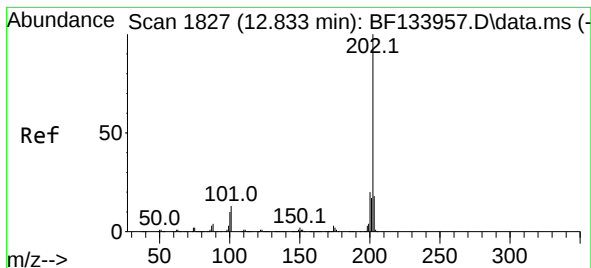
Delta R.T. 0.000 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

Tgt Ion:	240	Resp:	223502
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.4	11.0
236	26.1	21.0	31.6





#78

Pyrene

Concen: 2.579 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

Instrument :

BNA_F

ClientSampleId :

RT3471

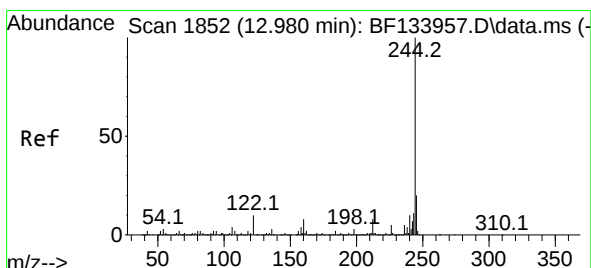
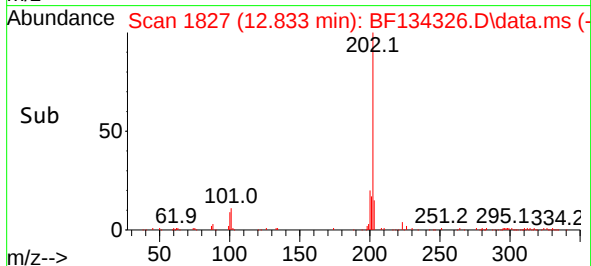
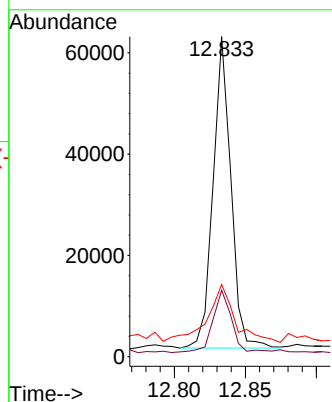
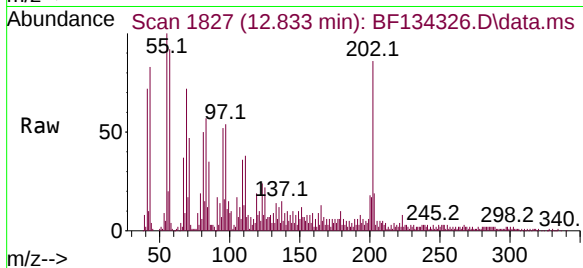
Tgt Ion:202 Resp: 53651

Ion Ratio Lower Upper

202 100

200 20.7 16.1 24.1

203 22.6 14.3 21.5#



#79

Terphenyl-d14

Concen: 38.706 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

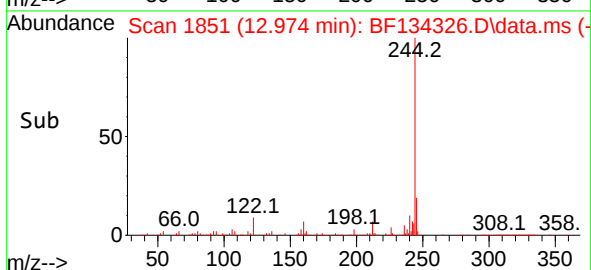
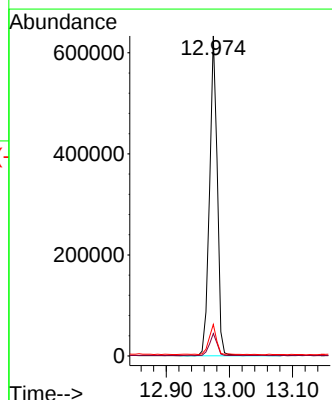
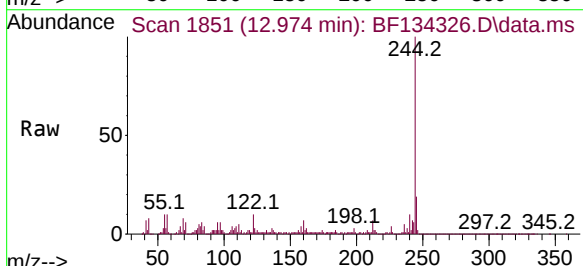
Tgt Ion:244 Resp: 537517

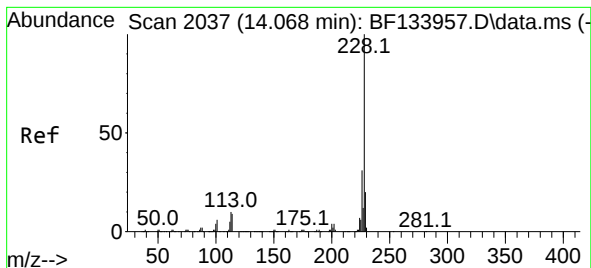
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.9 8.3 12.5





#83

Chrysene

Concen: 2.025 ng

RT: 14.063 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

Instrument :

BNA_F

ClientSampleId :

RT3471

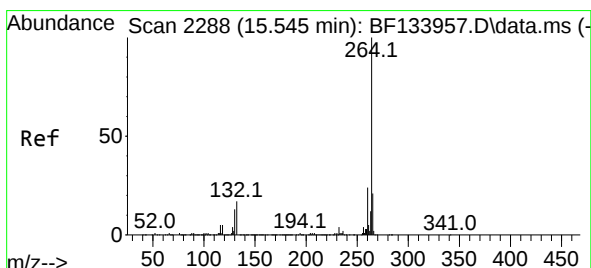
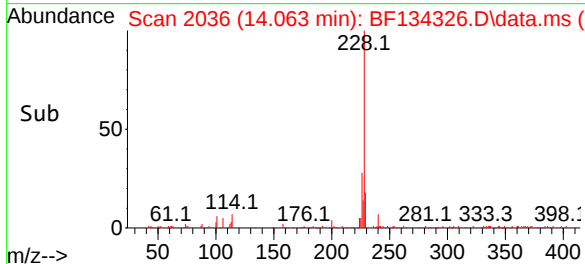
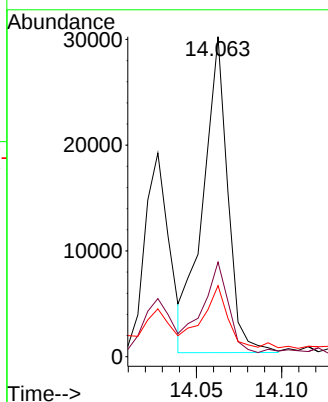
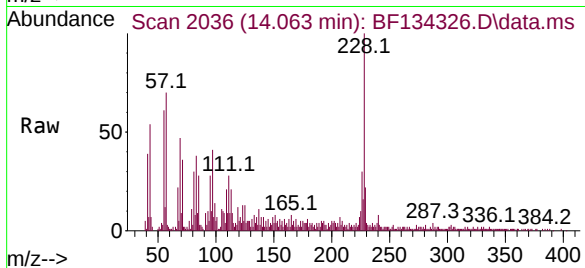
Tgt Ion:228 Resp: 30402

Ion Ratio Lower Upper

228 100

226 29.5 24.4 36.6

229 22.2 16.1 24.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

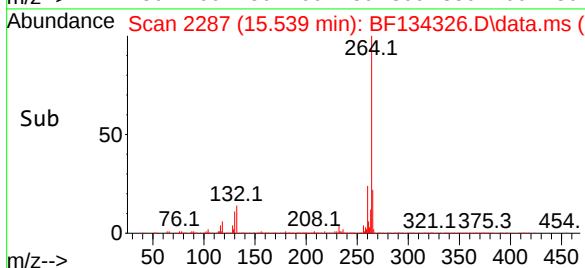
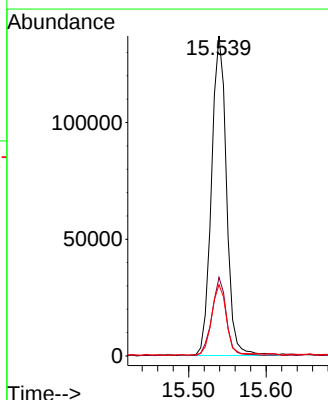
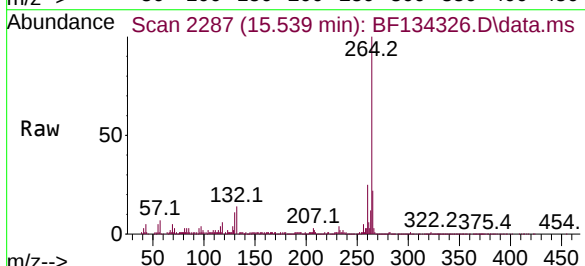
Tgt Ion:264 Resp: 184044

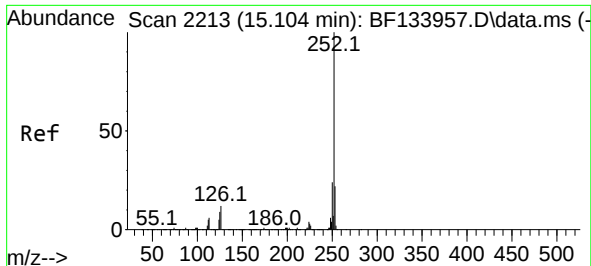
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.3 16.6 25.0

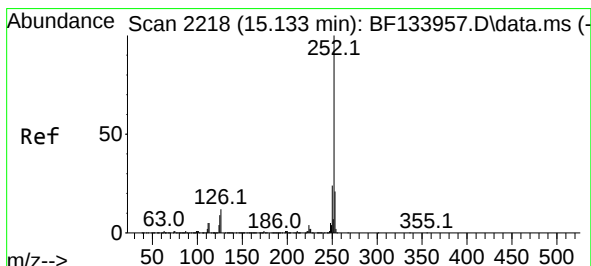
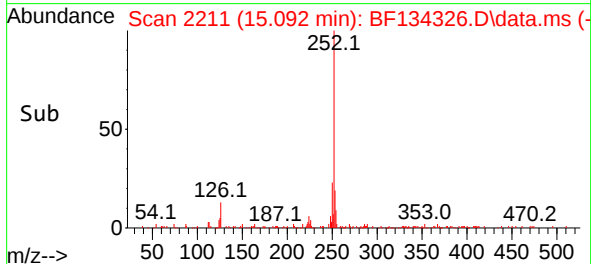
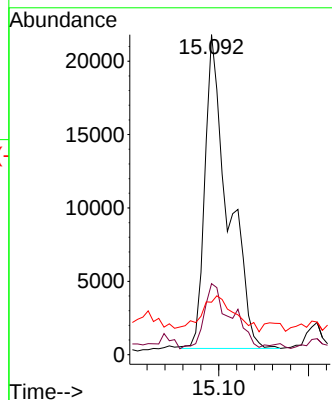
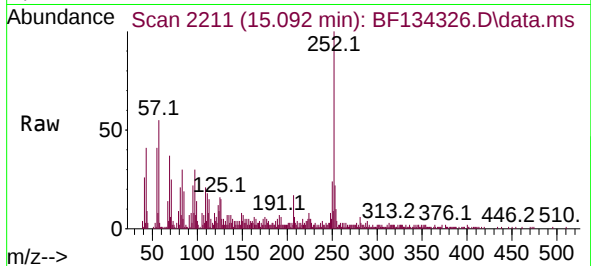




#88
Benzo(b)fluoranthene
Concen: 3.534 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Instrument :
BNA_F
ClientSampleId :
RT3471

Tgt Ion:252 Resp: 38244
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 16.4 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 3.471 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.041 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion:252 Resp: 38244
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 16.4 7.4 11.2#

