

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133228.D
 Acq On : 04 May 2023 13:44
 Operator : CG\JU
 Sample : 02588-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-C-6-9-05012023

Quant Time: May 04 14:29:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

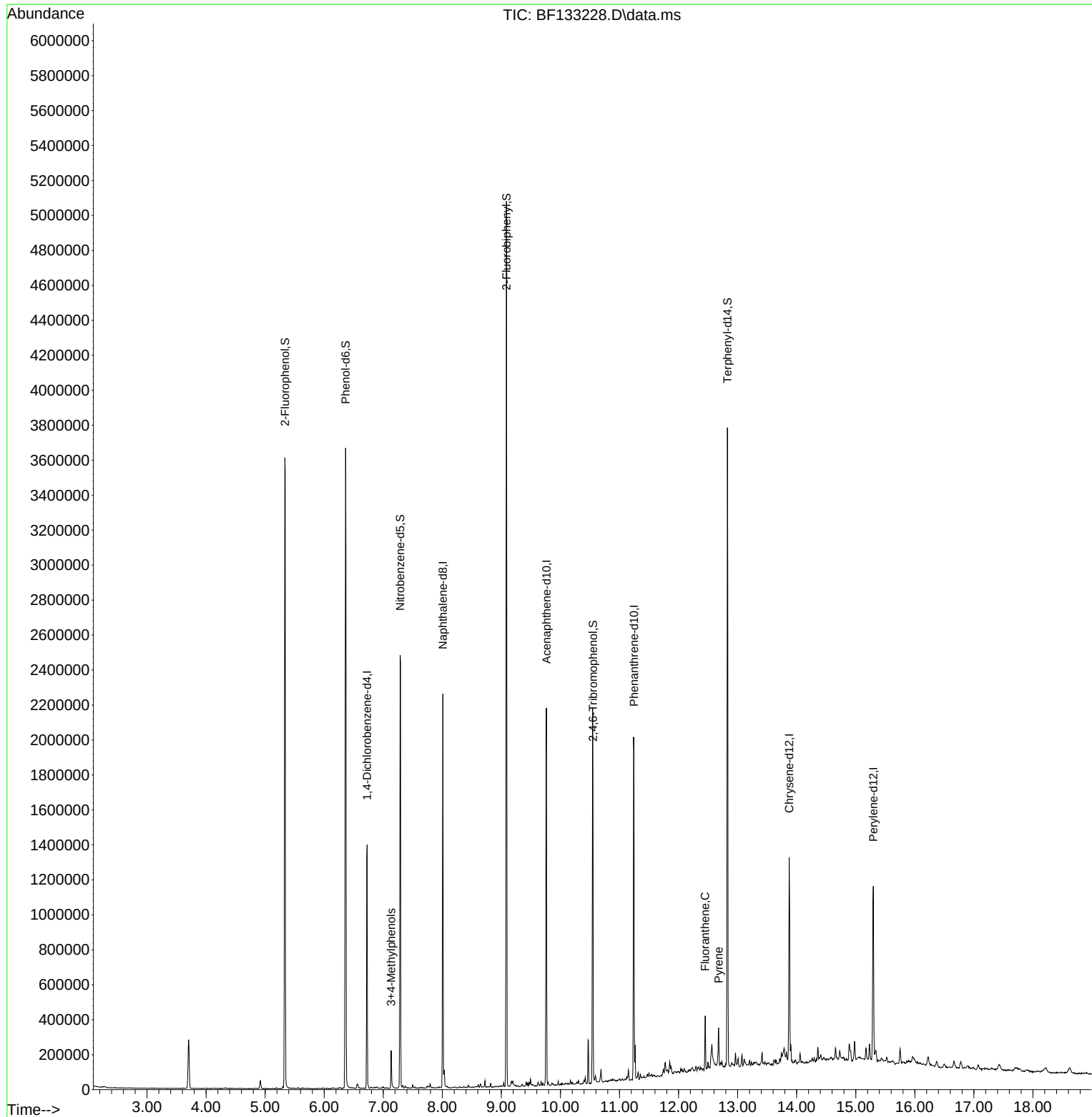
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	203358	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	827533	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	422661	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	719789	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	354192	20.000	ng	-0.01
86) Perylene-d12	15.298	264	438094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1105595	82.127	ng	0.00
7) Phenol-d6	6.363	99	1347660	80.654	ng	-0.01
23) Nitrobenzene-d5	7.287	82	792125	51.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	246514	57.994	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1410379	55.826	ng	0.00
79) Terphenyl-d14	12.827	244	1253530	61.038	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.134	107	50762	3.444	ng	# 57
75) Fluoranthene	12.451	202	106506	2.743	ng	96
78) Pyrene	12.680	202	92150	3.035	ng	99

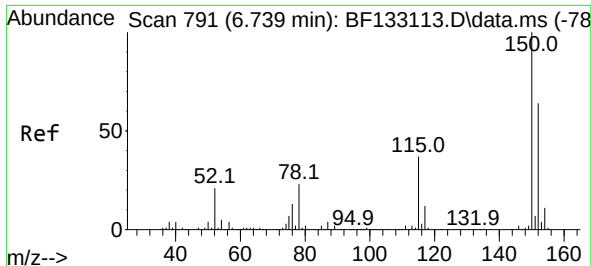
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 04 14:29:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 12:22:53 2023
Response via : Initial Calibration

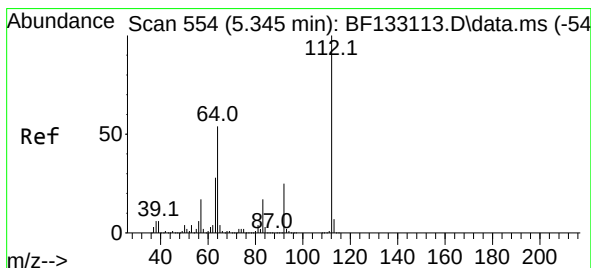
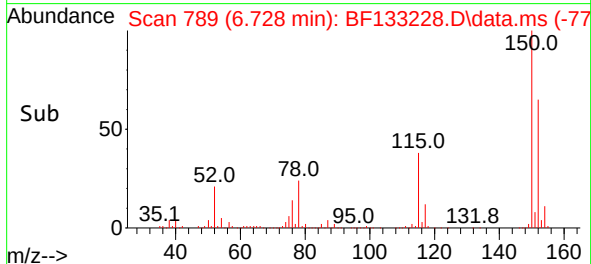
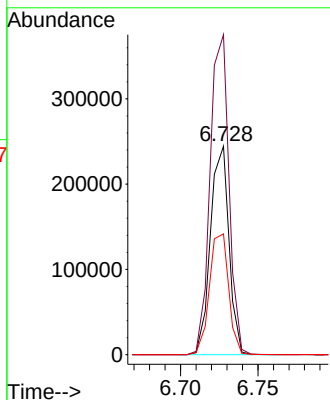
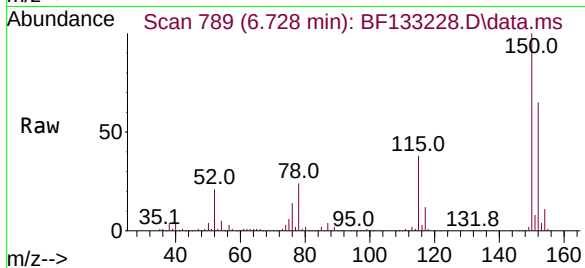




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133228.D
 Acq: 04 May 2023 13:44

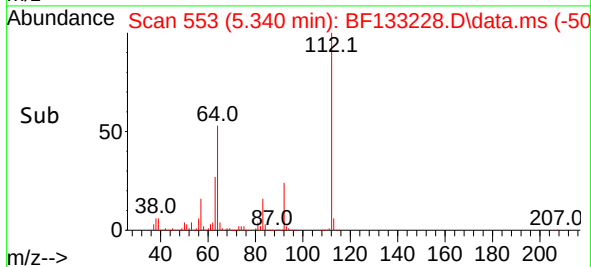
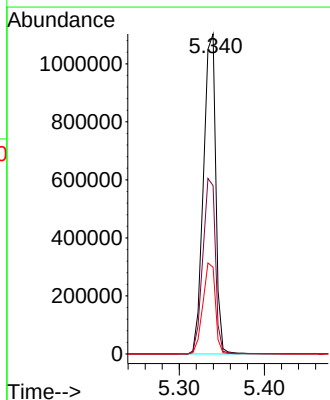
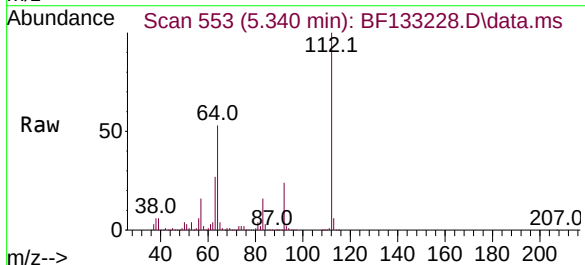
Instrument :
 BNA_F
 ClientSampleId :
 ZONE-C-6-9-05012023

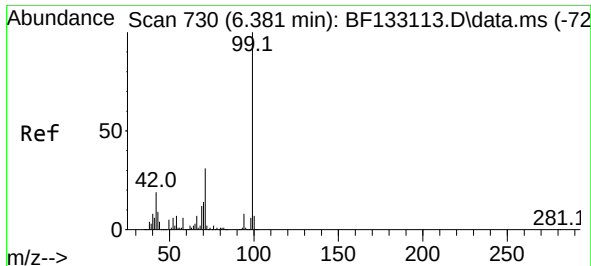
Tgt Ion:152 Resp: 203358
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.8 187.2
 115 57.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 82.127 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133228.D
 Acq: 04 May 2023 13:44

Tgt Ion:112 Resp: 1105595
 Ion Ratio Lower Upper
 112 100
 64 52.6 46.8 70.2
 63 27.1 23.8 35.8





#7

Phenol-d6

Concen: 80.654 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133228.D

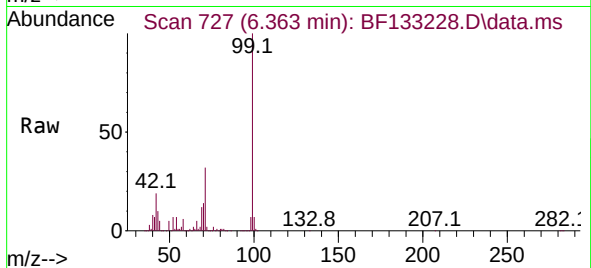
Acq: 04 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

ZONE-C-6-9-05012023



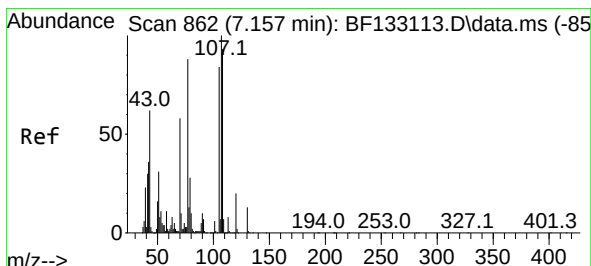
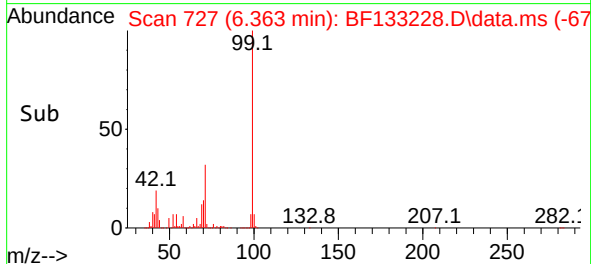
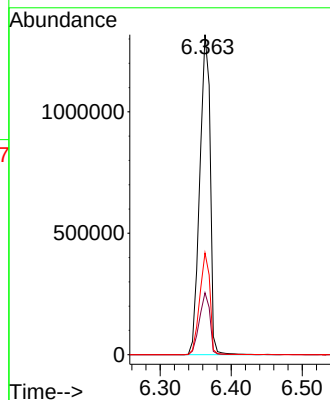
Tgt Ion: 99 Resp: 1347660

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

71 31.8 25.6 38.4



#20

3+4-Methylphenols

Concen: 3.444 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.012 min

Lab File: BF133228.D

Acq: 04 May 2023 13:44

Tgt Ion: 107 Resp: 50762

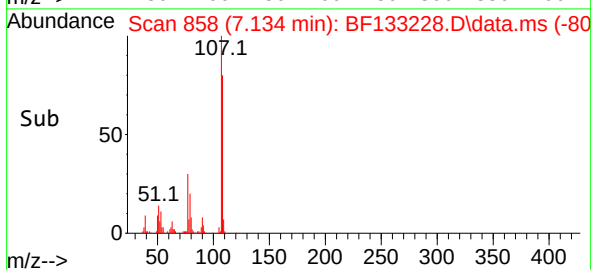
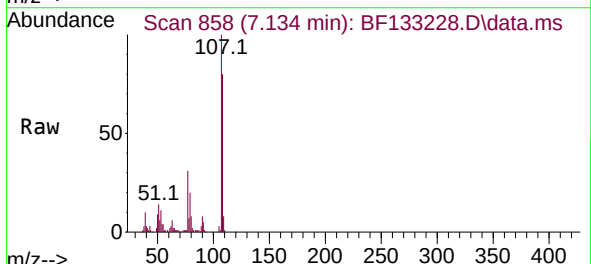
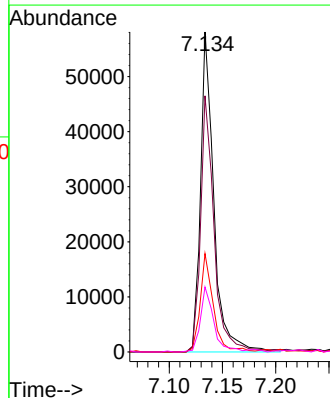
Ion Ratio Lower Upper

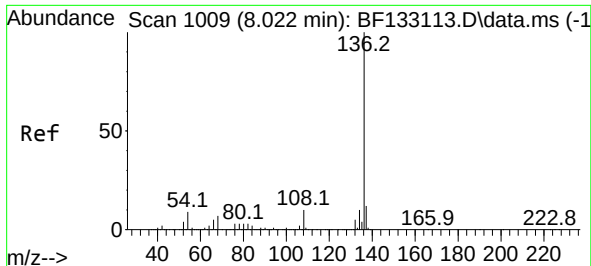
107 100

108 80.0 70.5 110.5

77 30.8 91.7 131.7#

79 20.3 7.1 47.1



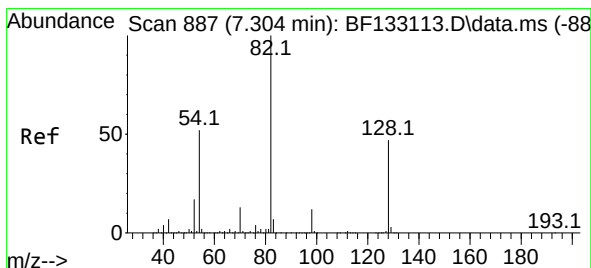
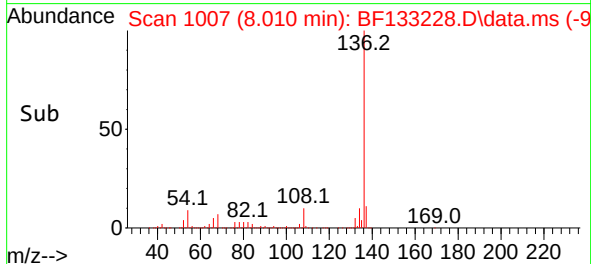
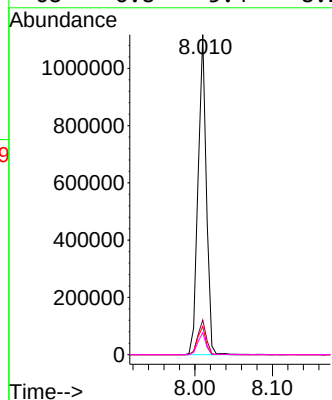
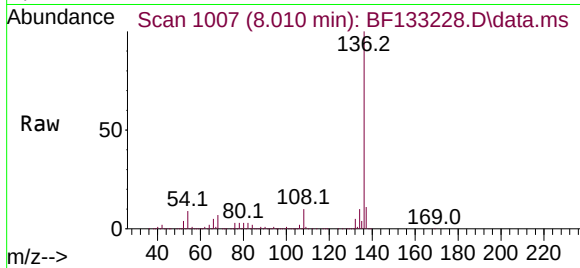


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133228.D
Acq: 04 May 2023 13:44

Instrument :
BNA_F
ClientSampleId :
ZONE-C-6-9-05012023

Tgt Ion:136 Resp: 827533

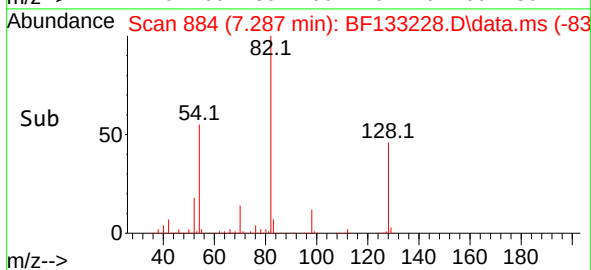
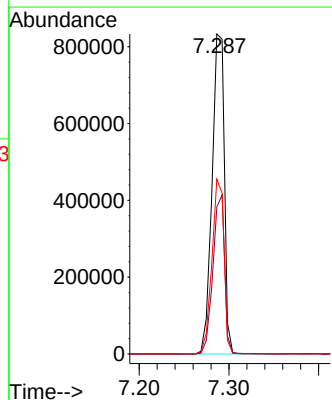
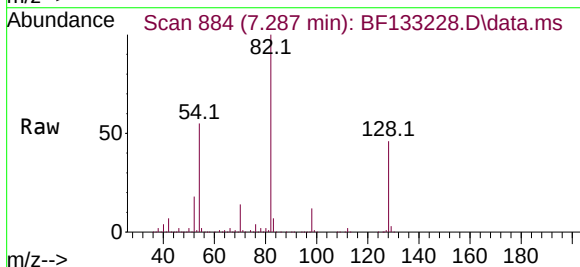
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.8	7.0	10.4
68	6.8	5.4	8.2

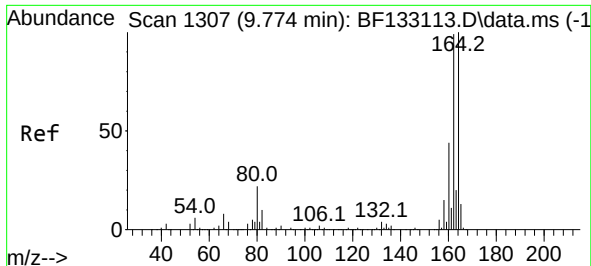


#23
Nitrobenzene-d5
Concen: 51.667 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF133228.D
Acq: 04 May 2023 13:44

Tgt Ion: 82 Resp: 792125

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.7	56.5
54	54.6	43.0	64.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133228.D

Acq: 04 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

ZONE-C-6-9-05012023

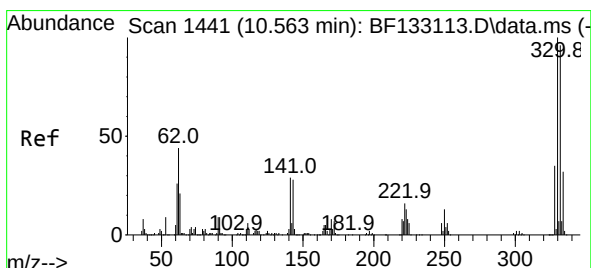
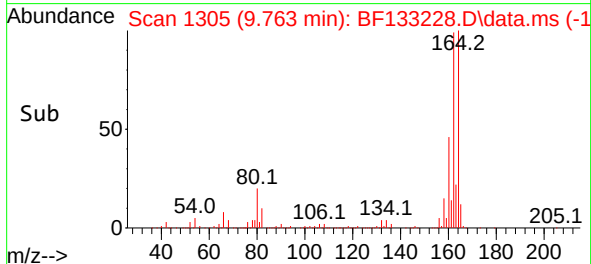
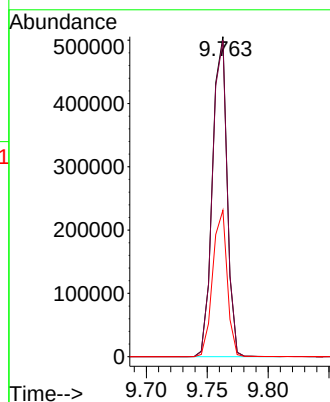
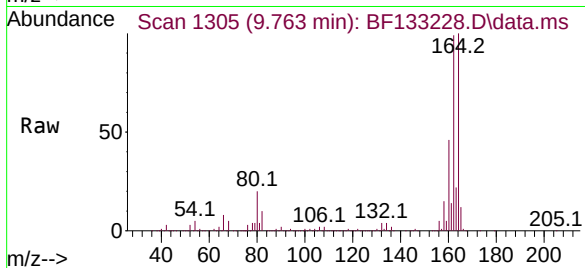
Tgt Ion:164 Resp: 422661

Ion Ratio Lower Upper

164 100

162 98.8 78.7 118.1

160 45.7 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 57.994 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF133228.D

Acq: 04 May 2023 13:44

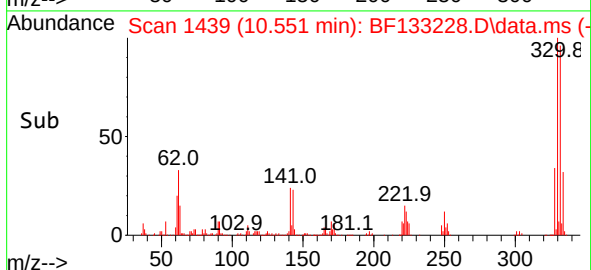
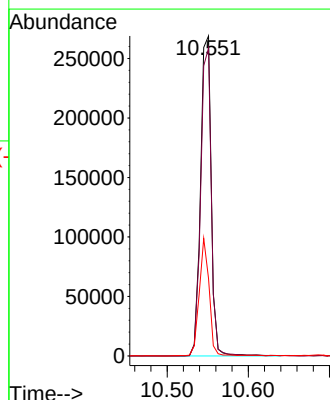
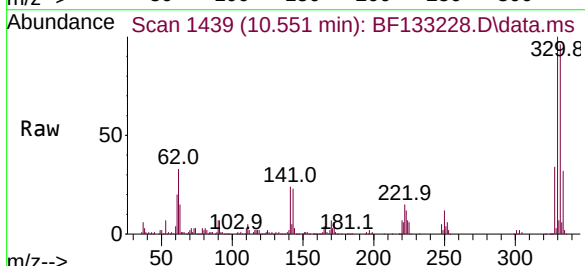
Tgt Ion:330 Resp: 246514

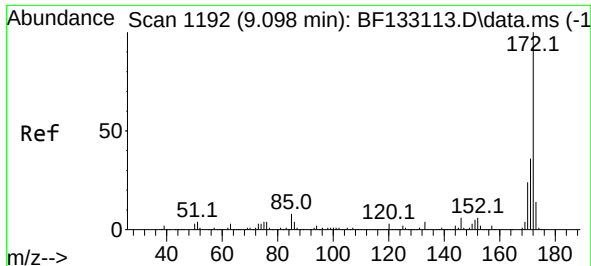
Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

141 34.2 25.8 38.8

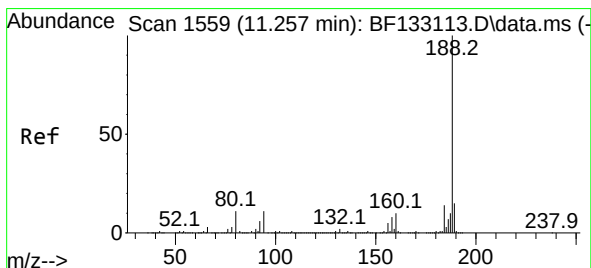
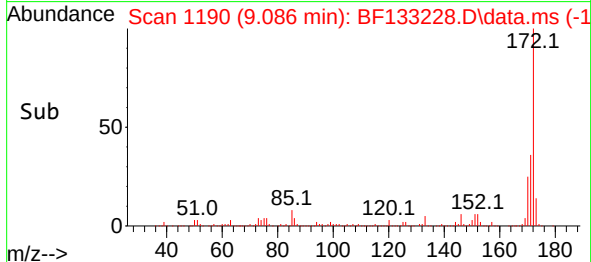
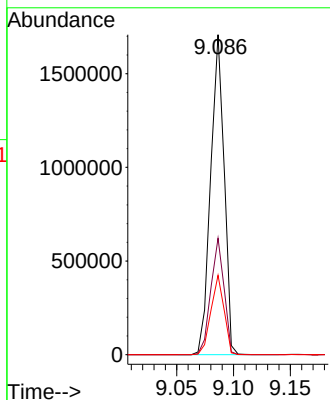
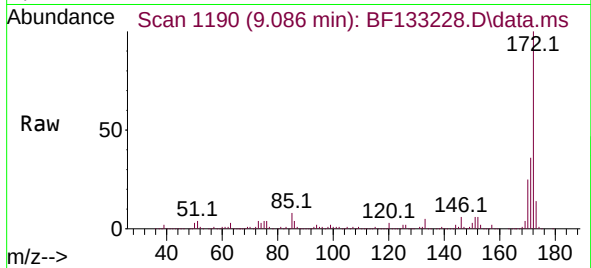




#45
2-Fluorobiphenyl
Concen: 55.826 ng
RT: 9.086 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133228.D
Acq: 04 May 2023 13:44

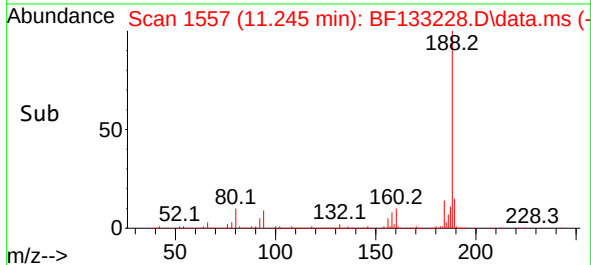
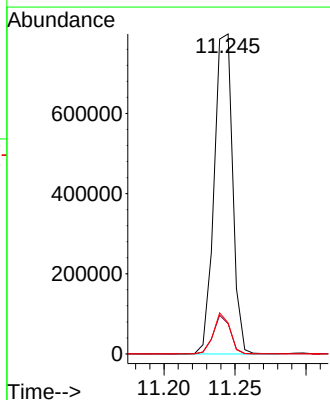
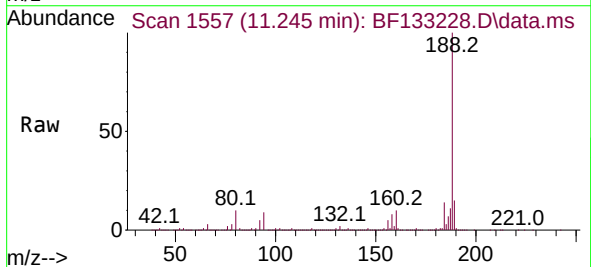
Instrument :
BNA_F
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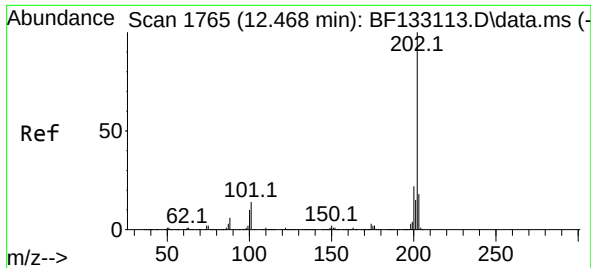
Tgt Ion:172 Resp: 1410379
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.8 19.4 29.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133228.D
Acq: 04 May 2023 13:44

Tgt Ion:188 Resp: 719789
Ion Ratio Lower Upper
188 100
94 9.5 9.7 14.5#
80 9.7 10.4 15.6#

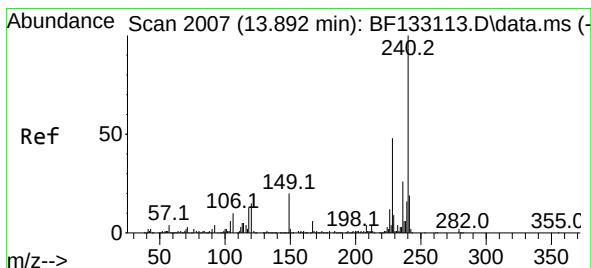
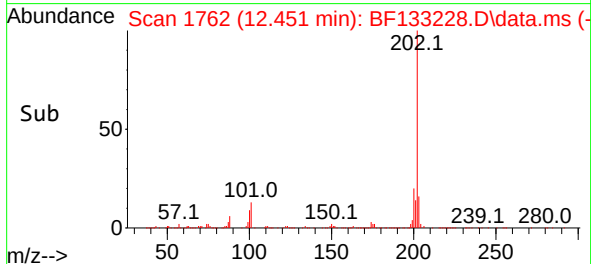
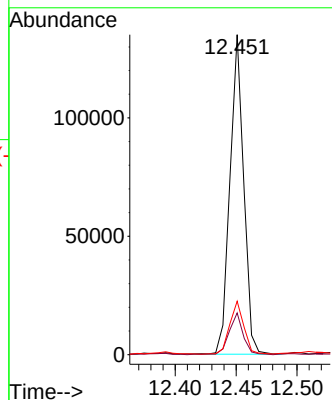
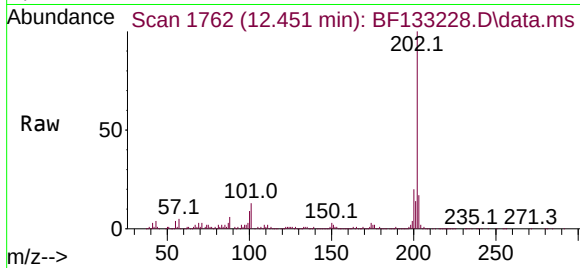




#75
Fluoranthene
Concen: 2.743 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133228.D
Acq: 04 May 2023 13:44

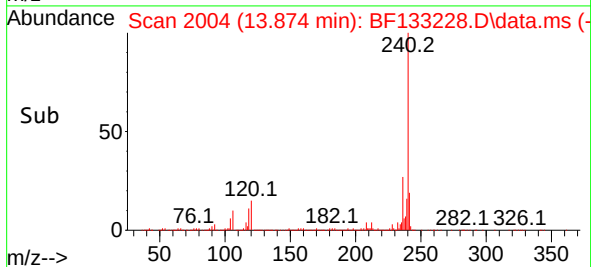
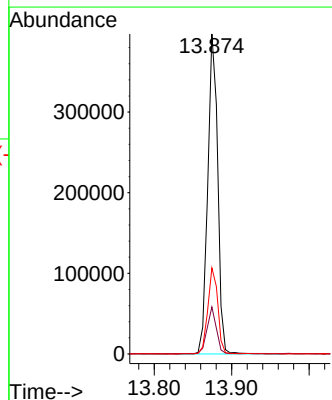
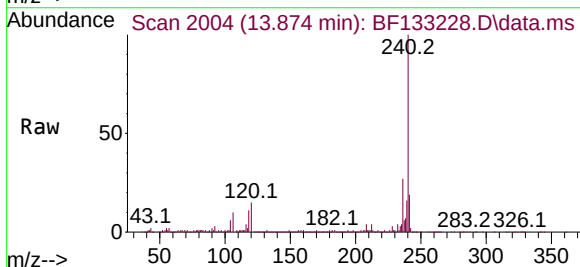
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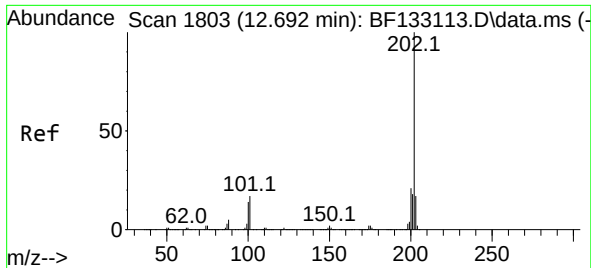
Tgt Ion:202 Resp: 106506
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.3
203 16.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133228.D
Acq: 04 May 2023 13:44

Tgt Ion:240 Resp: 354192
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 26.9 21.5 32.3





#78

Pyrene

Concen: 3.035 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF133228.D

Acq: 04 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

ZONE-C-6-9-05012023

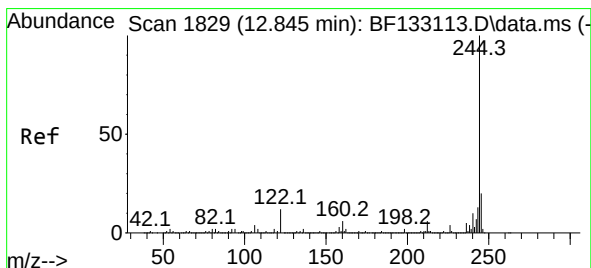
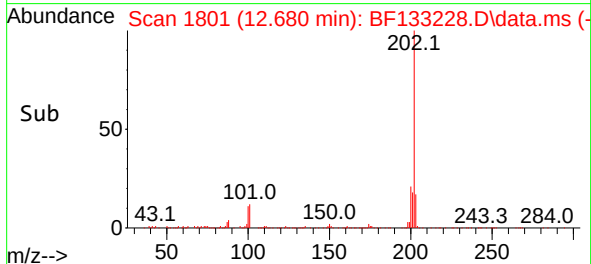
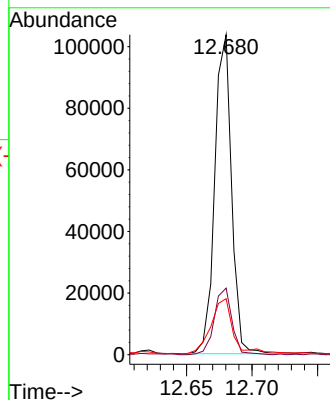
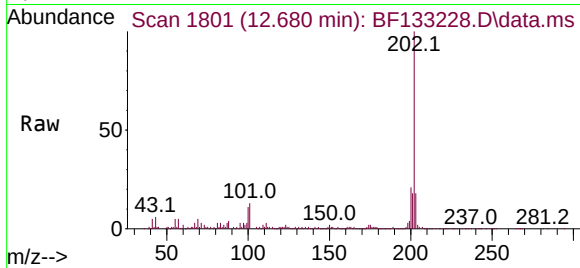
Tgt Ion:202 Resp: 92150

Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 17.5 14.1 21.1



#79

Terphenyl-d14

Concen: 61.038 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133228.D

Acq: 04 May 2023 13:44

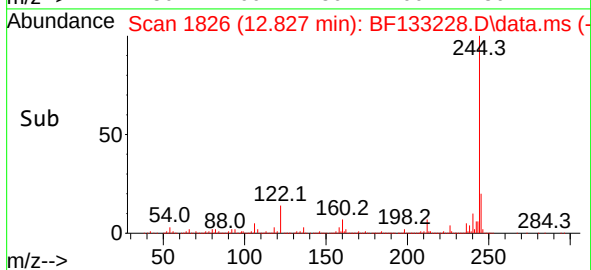
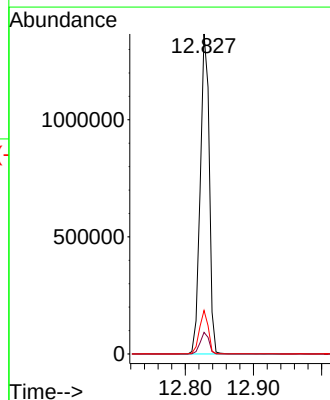
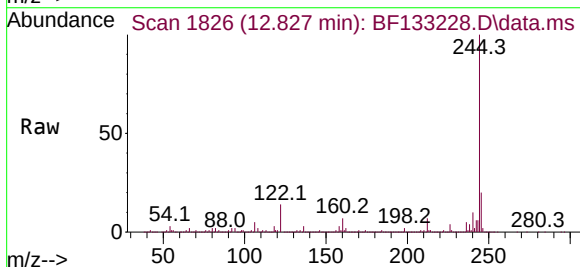
Tgt Ion:244 Resp: 1253530

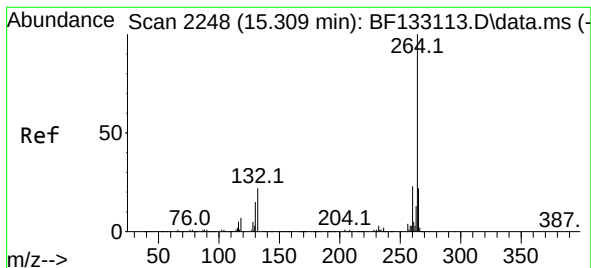
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 13.6 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133228.D

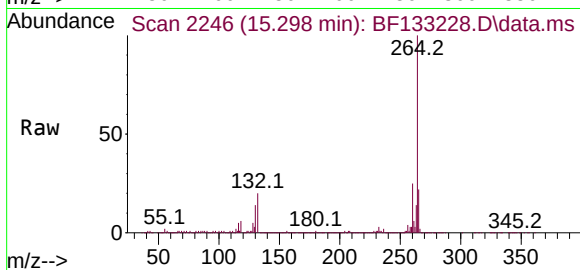
Acq: 04 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 438094

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.7 17.0 25.4

