

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133157.D
 Acq On : 01 May 2023 15:57
 Operator : CG\JU
 Sample : PB152505BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152505BL

Quant Time: May 02 05:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	209287	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	863617	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	465402	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	840586	20.000	ng	0.00
76) Chrysene-d12	13.880	240	583435	20.000	ng	-0.01
86) Perylene-d12	15.304	264	496897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1883635	135.959	ng	0.01
7) Phenol-d6	6.375	99	2304438	134.008	ng	0.00
23) Nitrobenzene-d5	7.298	82	1403721	87.734	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	609132	130.142	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2370552	85.215	ng	0.00
79) Terphenyl-d14	12.845	244	2715548	80.273	ng	0.00

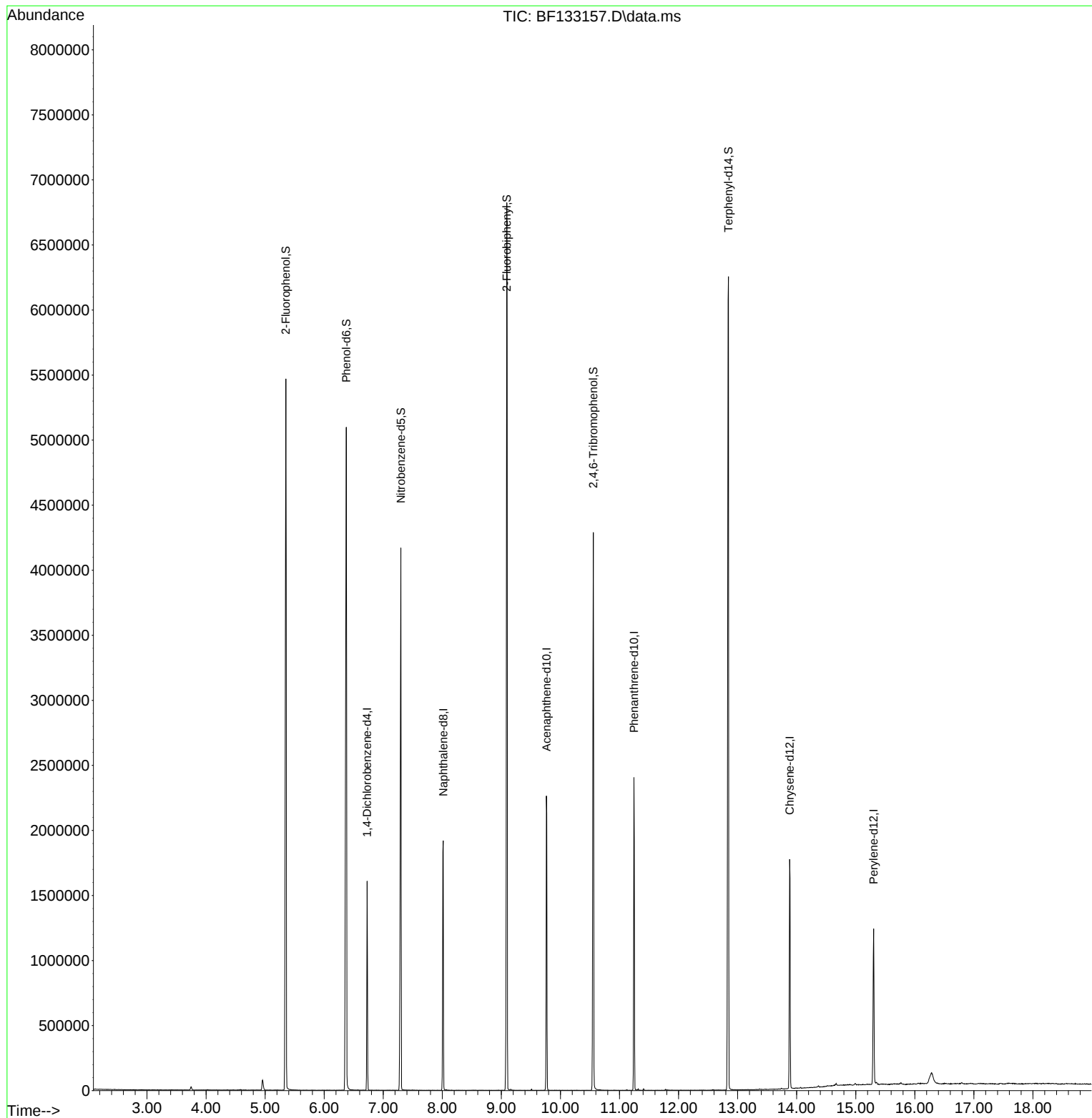
Target Compounds	Qvalue

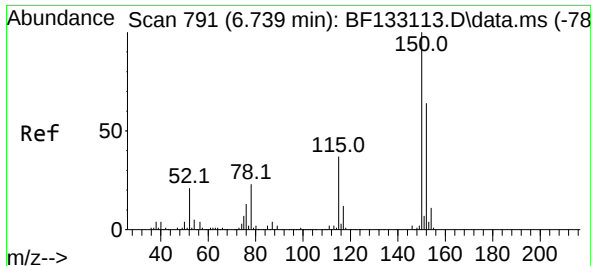
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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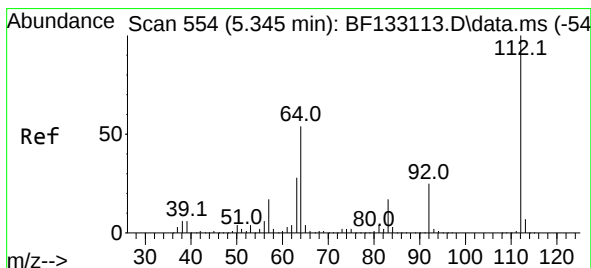
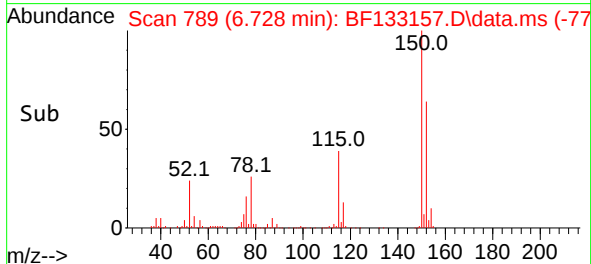
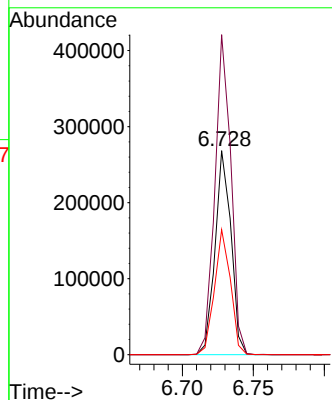
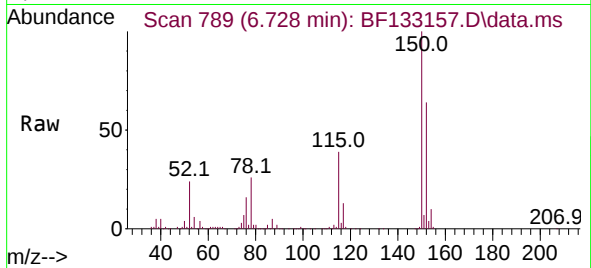




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

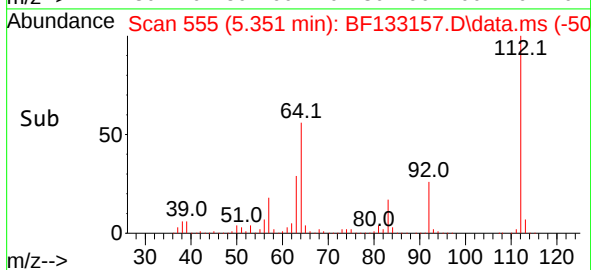
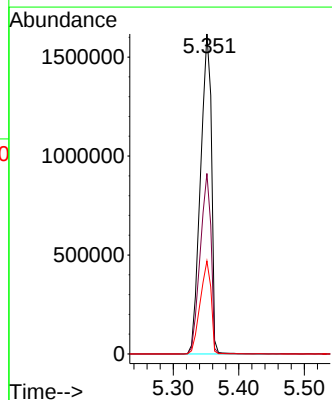
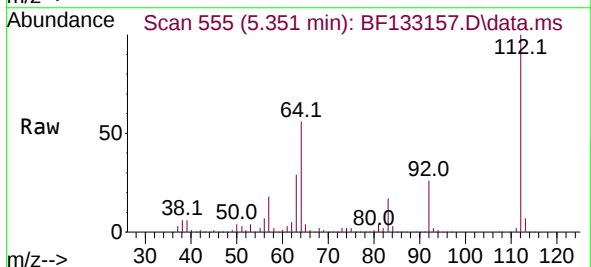
Instrument :
BNA_F
ClientSampleId :
PB152505BL

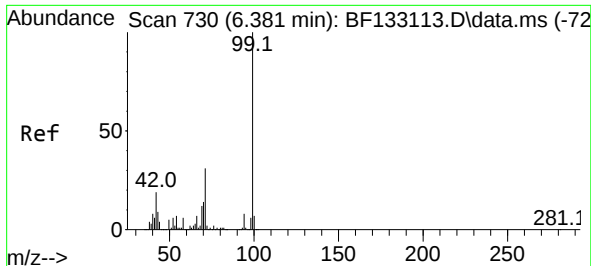
Tgt Ion:152 Resp: 209287
Ion Ratio Lower Upper
152 100
150 156.9 124.8 187.2
115 61.3 49.9 74.9



#5
2-Fluorophenol
Concen: 135.959 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion:112 Resp: 1883635
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.0 23.8 35.8

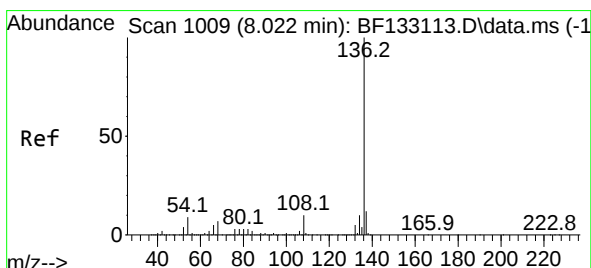
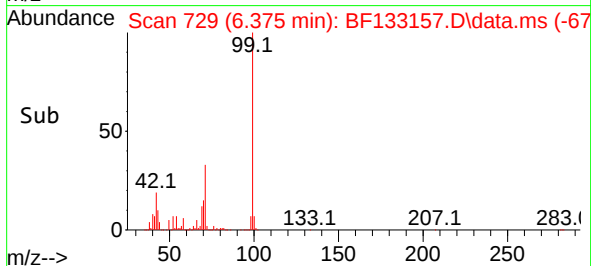
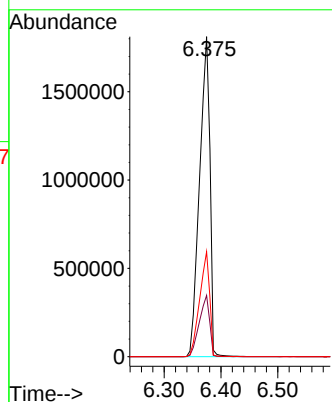
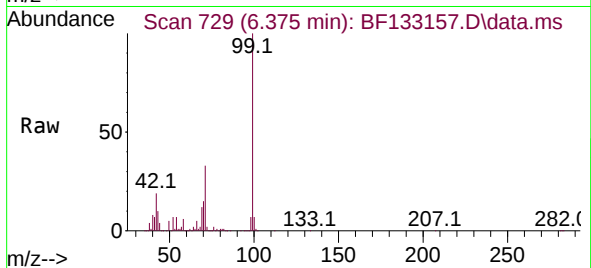




#7
Phenol-d6
Concen: 134.008 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

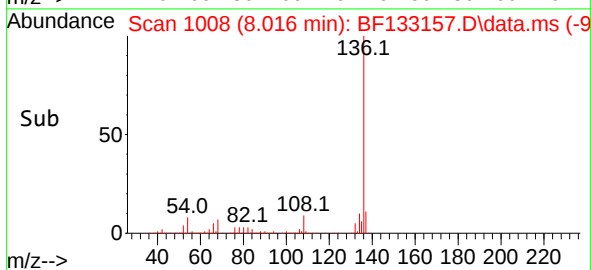
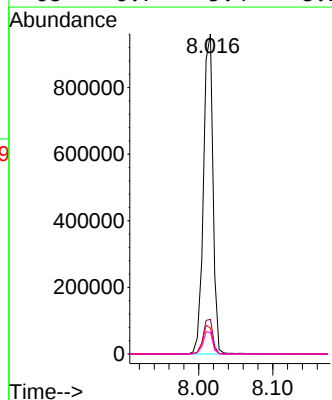
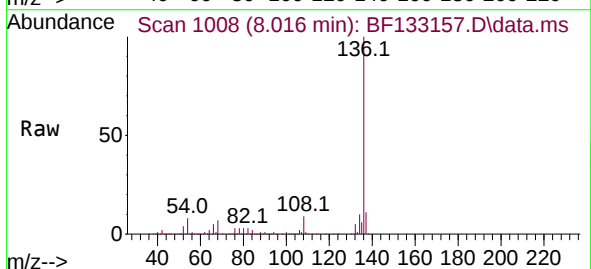
Instrument :
BNA_F
ClientSampleId :
PB152505BL

Tgt Ion: 99 Resp: 2304438
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion: 136 Resp: 863617
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 7.0 10.4
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 87.734 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

Instrument :

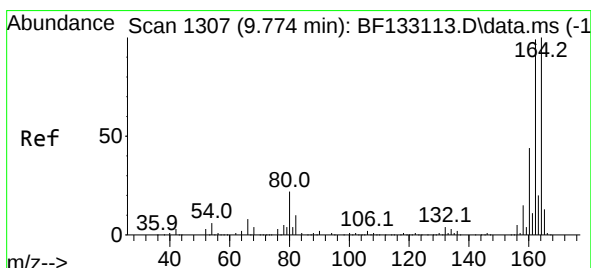
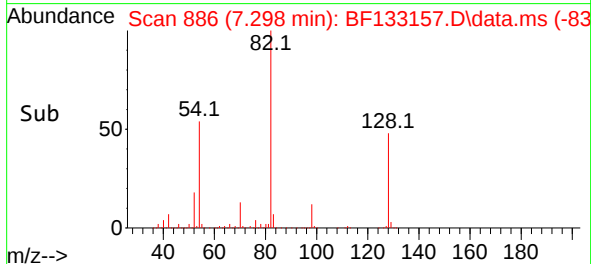
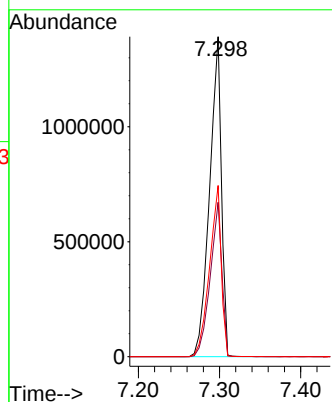
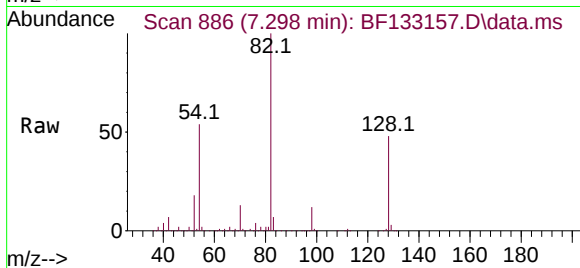
BNA_F

ClientSampleId :

PB152505BL

Tgt Ion: 82 Resp: 1403721

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	53.5	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

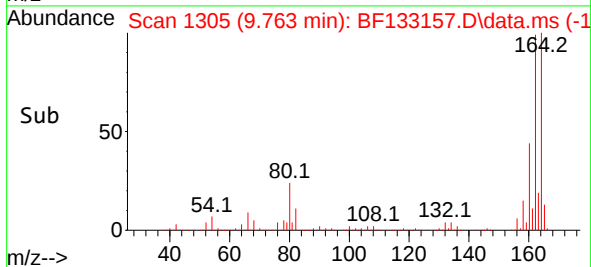
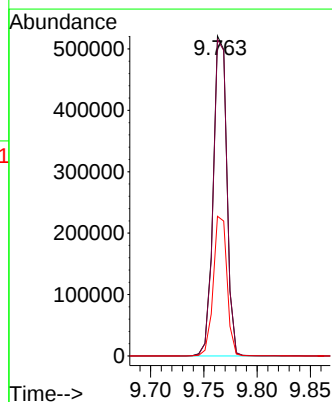
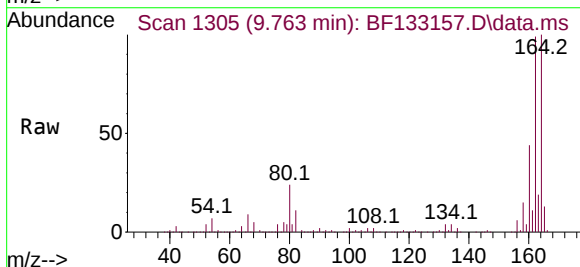
Delta R.T. -0.006 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

Tgt Ion:164 Resp: 465402

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.7	118.1
160	43.7	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 130.142 ng

RT: 10.557 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133157.D

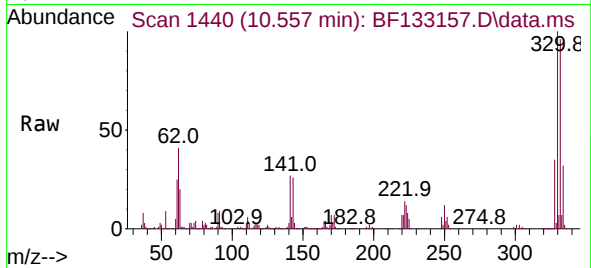
Acq: 01 May 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB152505BL



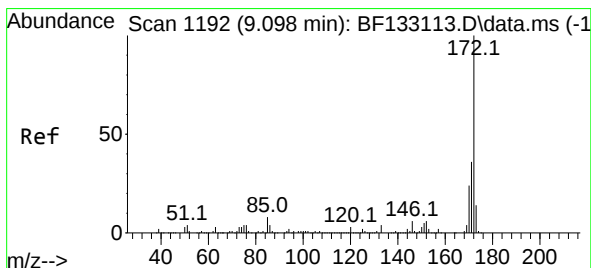
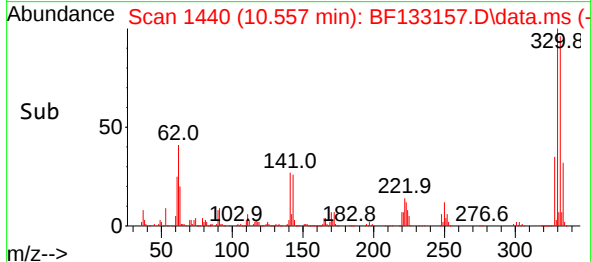
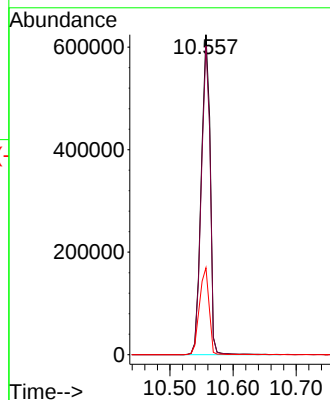
Tgt Ion:330 Resp: 609132

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 29.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.215 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

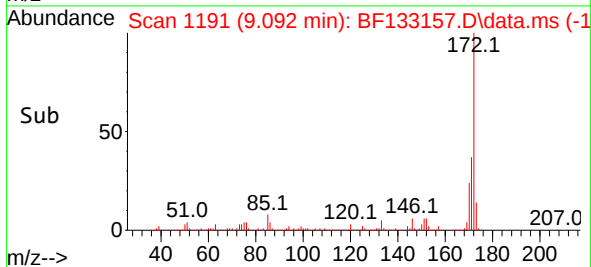
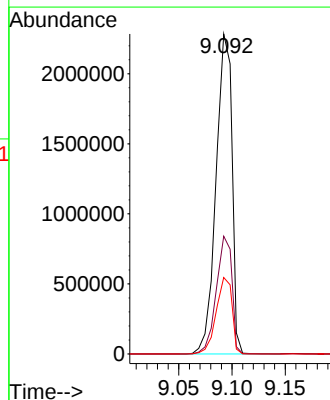
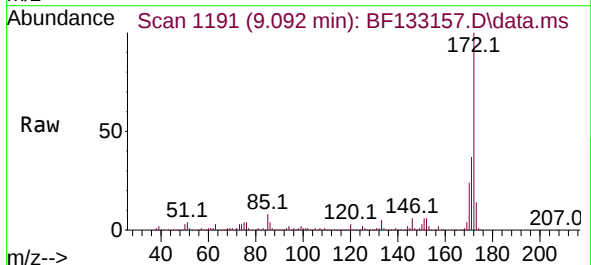
Tgt Ion:172 Resp: 2370552

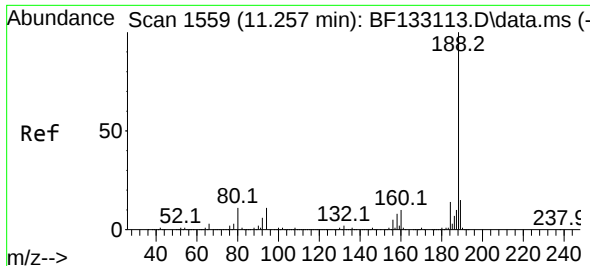
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 23.9 19.4 29.2

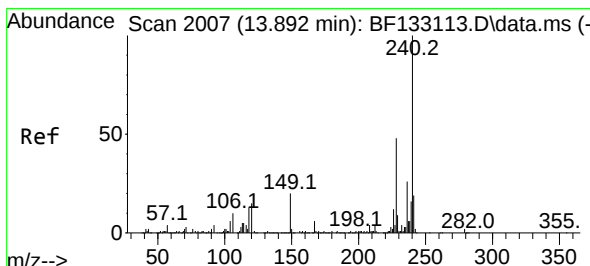
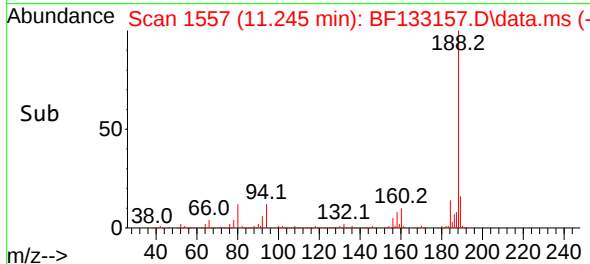
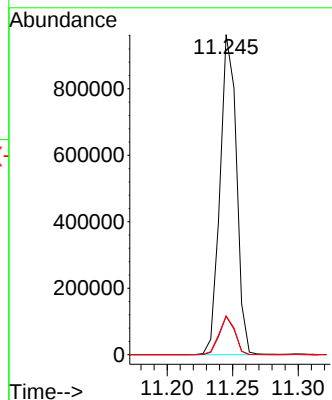
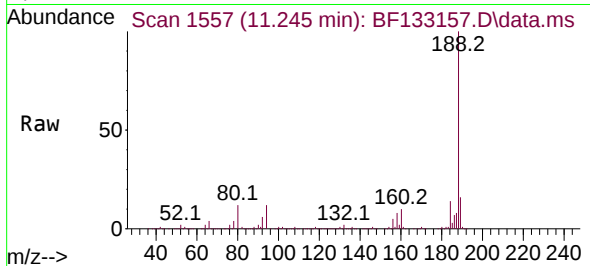




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

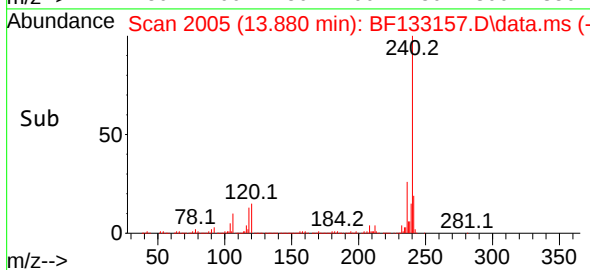
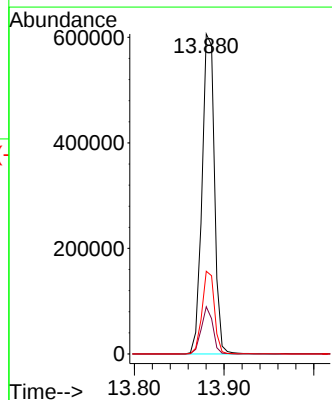
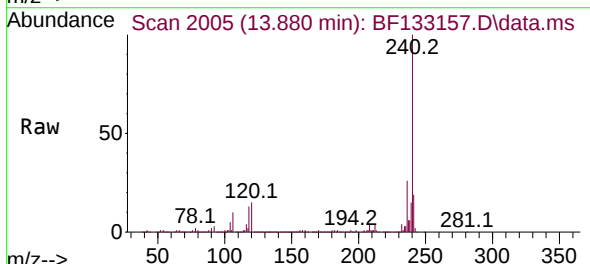
Instrument :
BNA_F
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PB152505BL

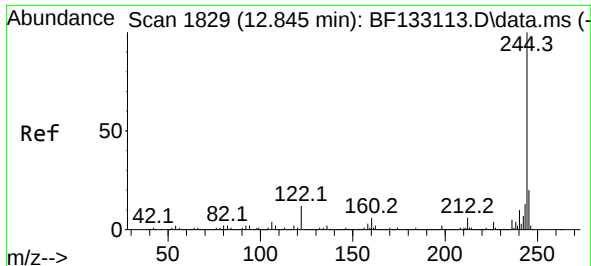
Tgt Ion:188 Resp: 840586
Ion Ratio Lower Upper
188 100
94 12.0 9.7 14.5
80 12.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion:240 Resp: 583435
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 25.8 21.5 32.3

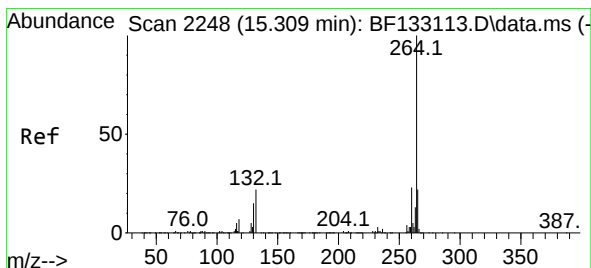
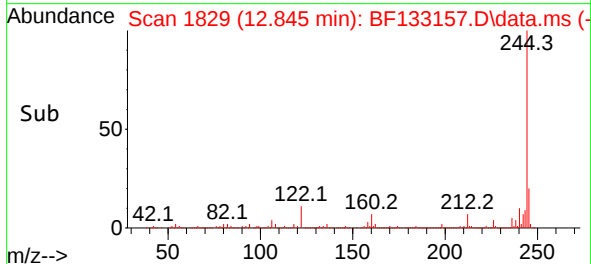
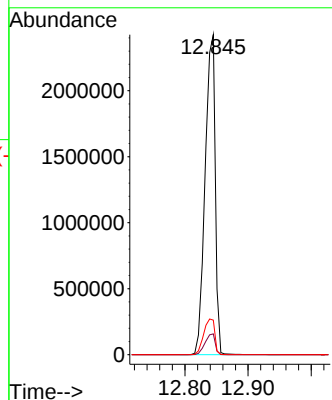
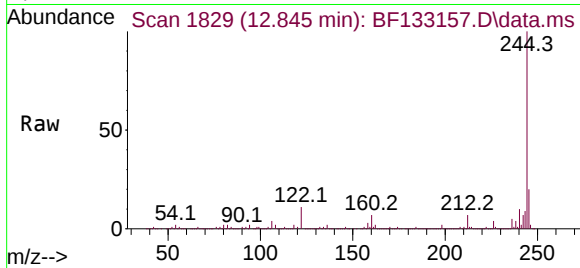




#79
 Terphenyl-d14
 Concen: 80.273 ng
 RT: 12.845 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133157.D
 Acq: 01 May 2023 15:57

Instrument :
 BNA_F
 ClientSampleId :
 PB152505BL

Tgt Ion:244 Resp: 2715548
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133157.D
 Acq: 01 May 2023 15:57

Tgt Ion:264 Resp: 496897
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.7 17.0 25.4

