

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133266.D
 Acq On : 05 May 2023 16:07
 Operator : CG\JU
 Sample : PB152595BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BL

Quant Time: May 06 05:49:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	216019	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	901640	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	489590	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	894546	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	601921	20.000	ng	0.00
86) Perylene-d12	15.292	264	505999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1706485	119.334	ng	0.02
7) Phenol-d6	6.375	99	2002983	112.848	ng	0.00
23) Nitrobenzene-d5	7.293	82	1259168	75.380	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	526148	106.859	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2074824	70.900	ng	0.00
79) Terphenyl-d14	12.833	244	2485324	71.211	ng	0.00

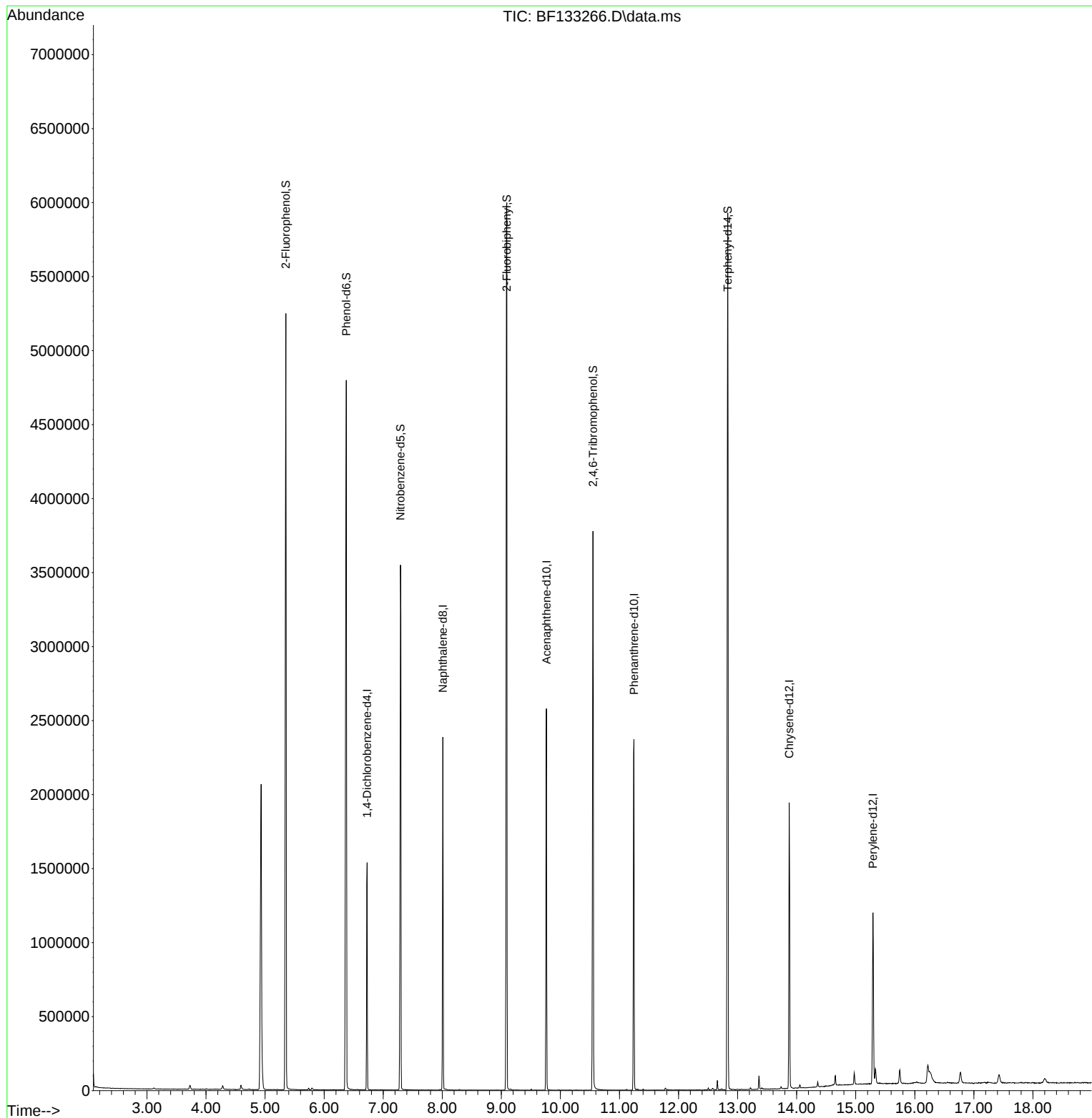
Target Compounds	Qvalue

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

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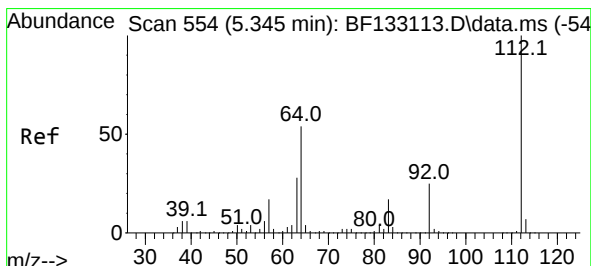
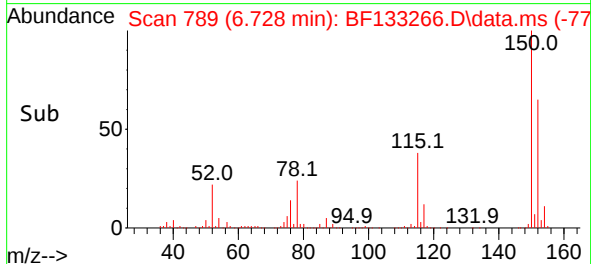
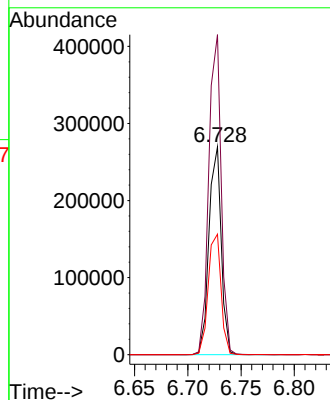
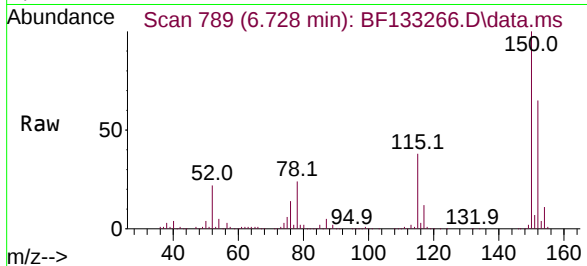




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

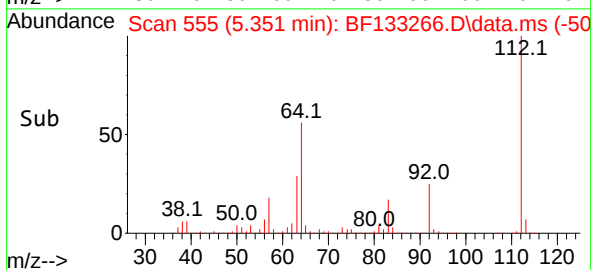
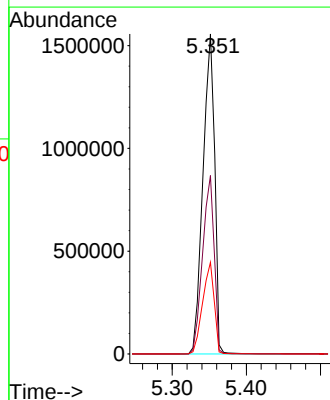
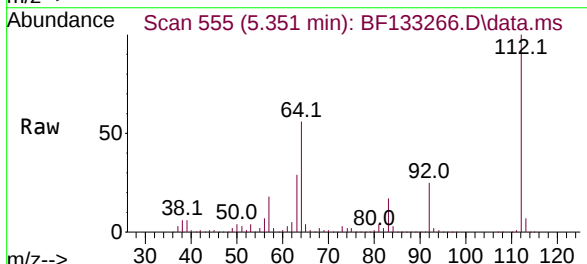
Instrument :
BNA_F
ClientSampleId :
PB152595BL

Tgt Ion:152 Resp: 216019
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 119.334 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion:112 Resp: 1706485
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.7 23.8 35.8

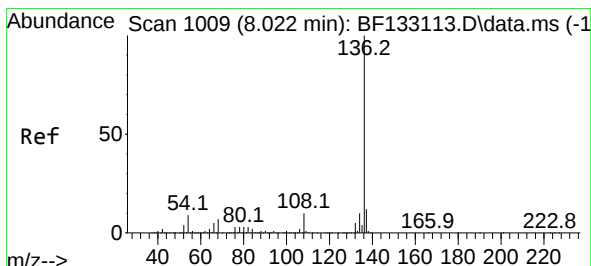
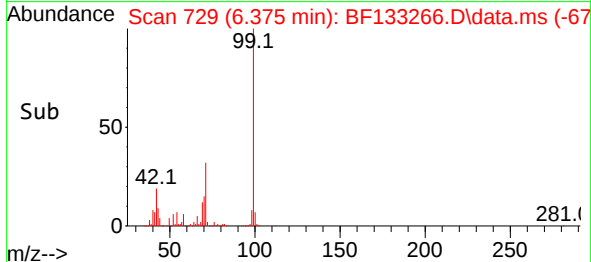
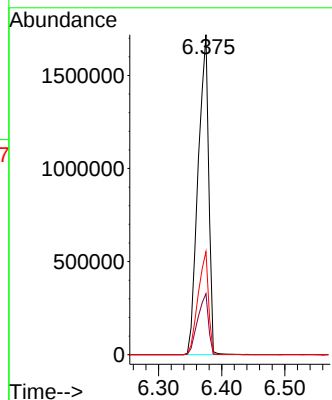
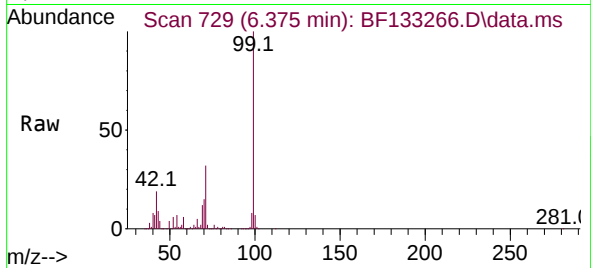




#7
Phenol-d6
Concen: 112.848 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

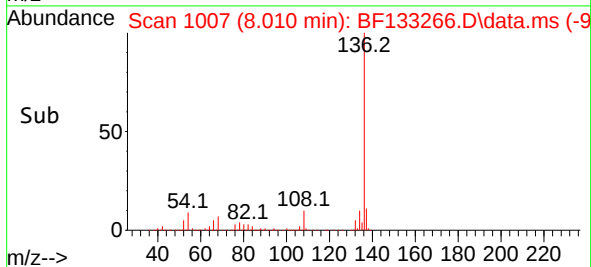
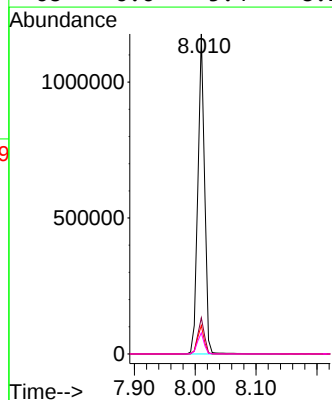
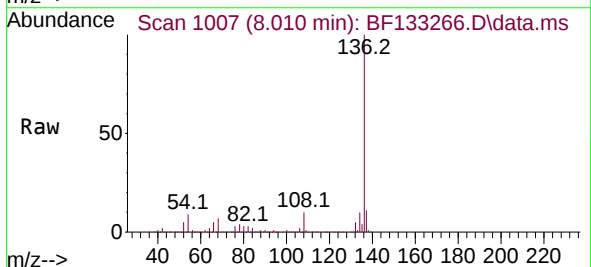
Instrument :
BNA_F
ClientSampleId :
PB152595BL

Tgt Ion: 99 Resp: 2002983
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion: 136 Resp: 901640
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 7.0 10.4
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 75.380 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133266.D

Acq: 05 May 2023 16:07

Instrument :

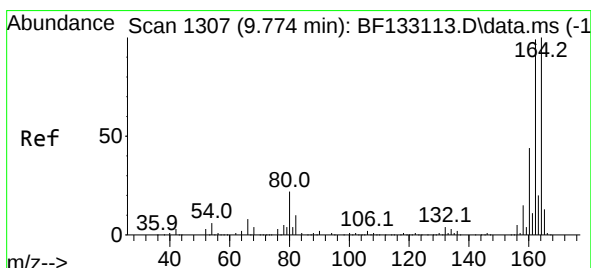
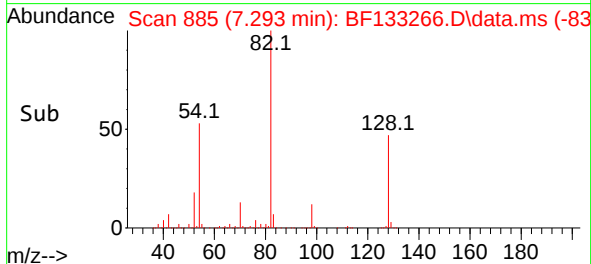
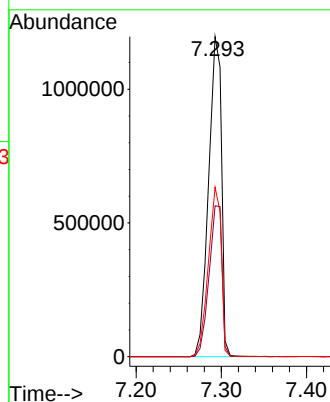
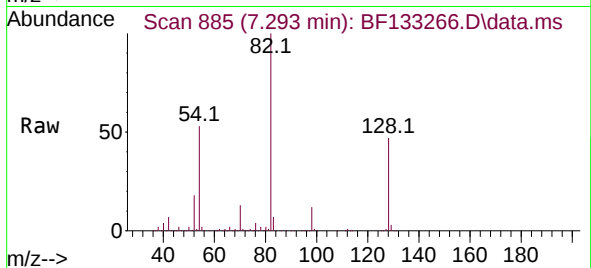
BNA_F

ClientSampleId :

PB152595BL

Tgt Ion: 82 Resp: 1259168

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	53.0	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

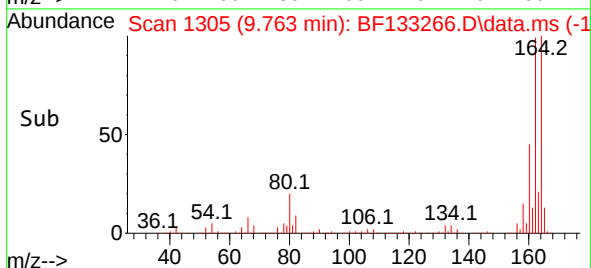
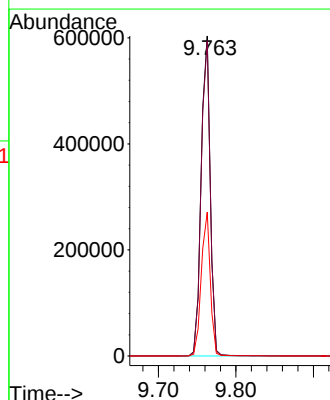
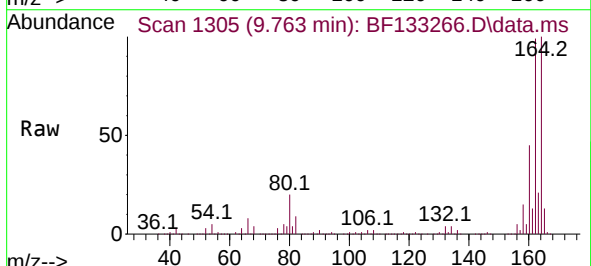
Delta R.T. 0.000 min

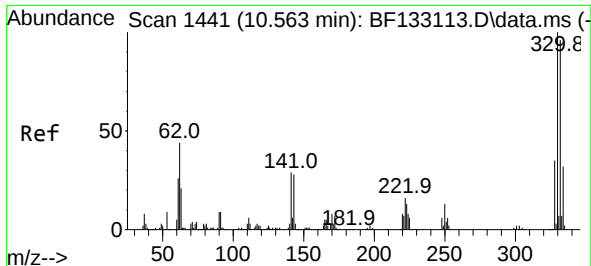
Lab File: BF133266.D

Acq: 05 May 2023 16:07

Tgt Ion: 164 Resp: 489590

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.7	118.1
160	44.9	35.8	53.6

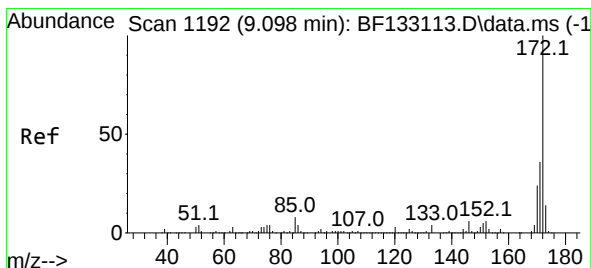
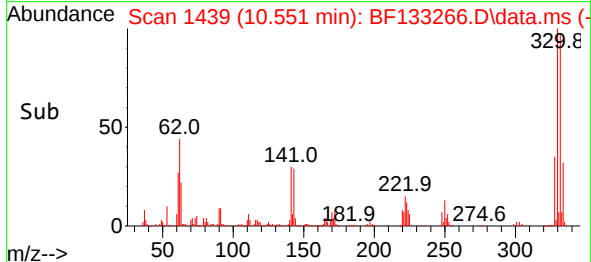
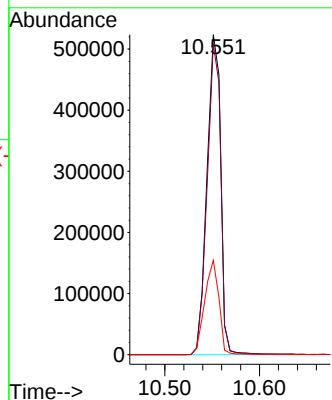
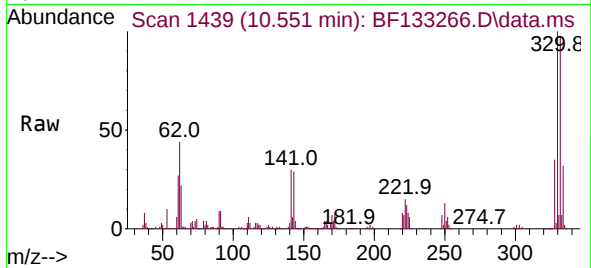




#42
2,4,6-Tribromophenol
Concen: 106.859 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

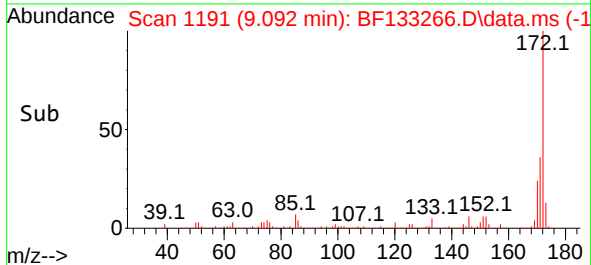
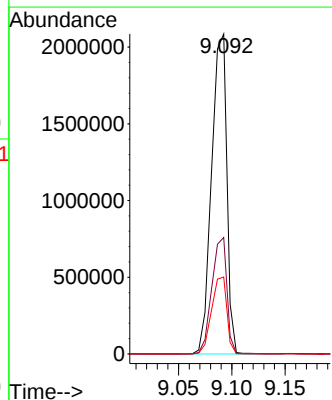
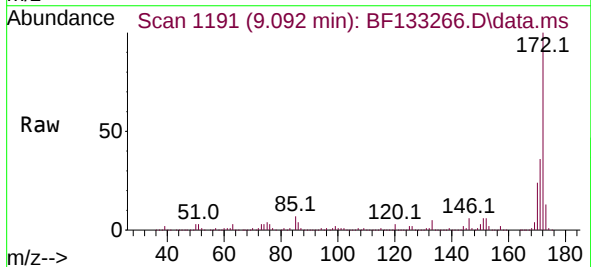
Instrument :
BNA_F
ClientSampleId :
PB152595BL

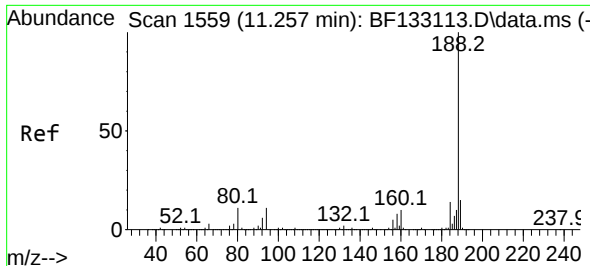
Tgt Ion:330 Resp: 526148
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 70.900 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion:172 Resp: 2074824
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.1 19.4 29.2

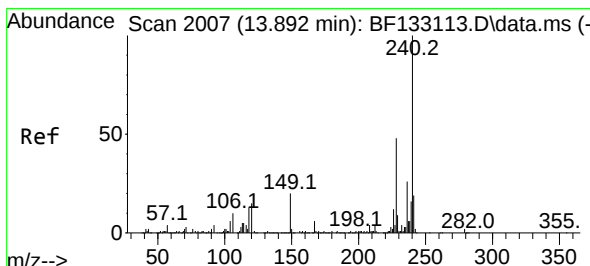
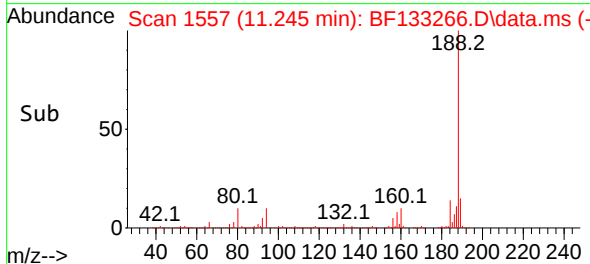
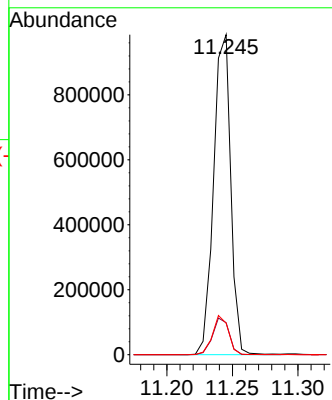
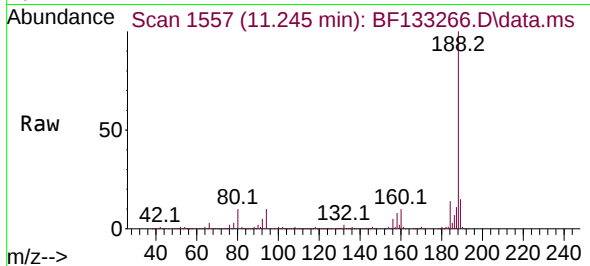




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

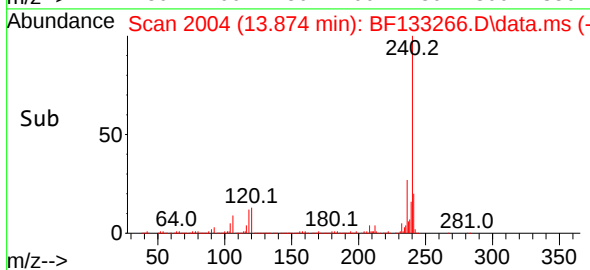
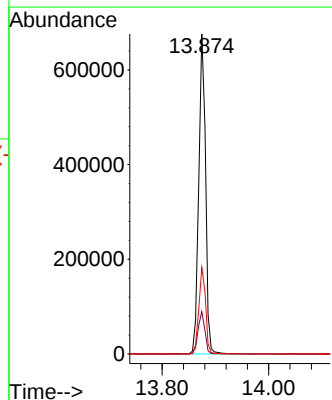
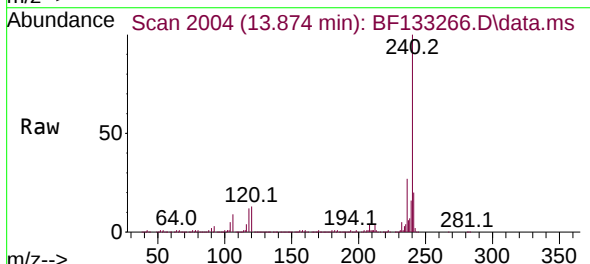
Instrument :
BNA_F
ClientSampleId :
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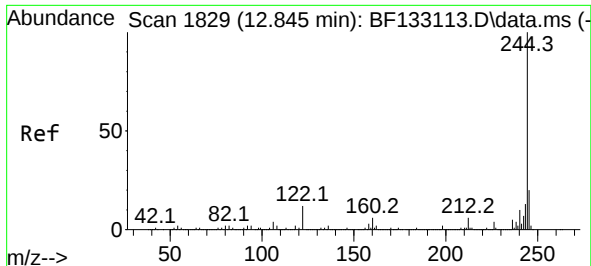
Tgt Ion:188 Resp: 894546
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 9.8 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion:240 Resp: 601921
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 27.0 21.5 32.3

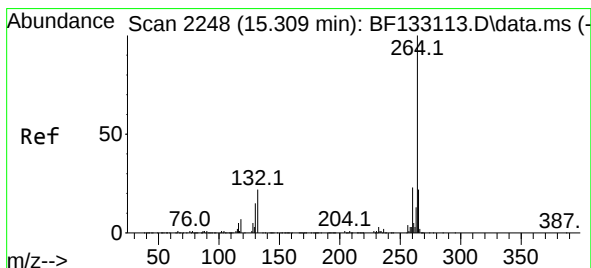
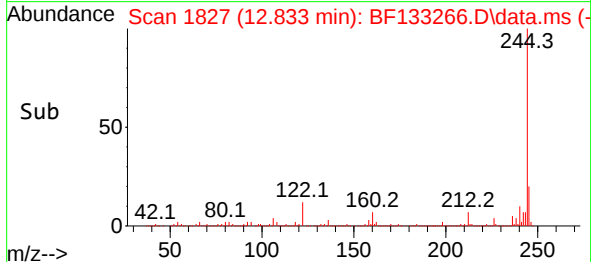
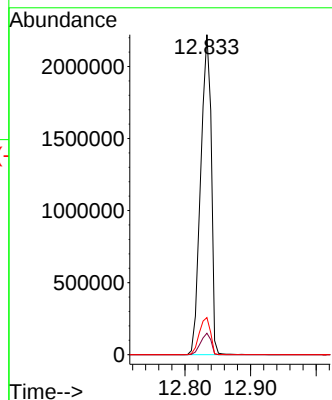
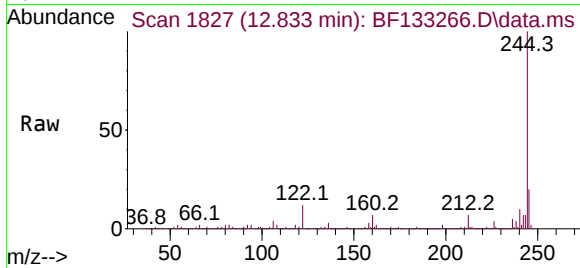




#79
 Terphenyl-d14
 Concen: 71.211 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133266.D
 Acq: 05 May 2023 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BL

Tgt Ion:244 Resp: 2485324
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133266.D
 Acq: 05 May 2023 16:07

Tgt Ion:264 Resp: 505999
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 20.9 17.0 25.4

