

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133587.D
 Acq On : 06 Jun 2023 12:38
 Operator : CG\JU
 Sample : PB153153BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153153BL

Quant Time: Jun 06 14:53:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	144516	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	551650	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	277260	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	562333	20.000	ng	0.00
76) Chrysene-d12	14.004	240	443190	20.000	ng	0.00
86) Perylene-d12	15.468	264	451536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1096132	126.550	ng	0.01
7) Phenol-d6	6.463	99	1345044	126.147	ng	0.00
23) Nitrobenzene-d5	7.398	82	870582	105.370	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	415512	150.342	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1505806	83.825	ng	0.00
79) Terphenyl-d14	12.957	244	1910212	76.634	ng	0.00

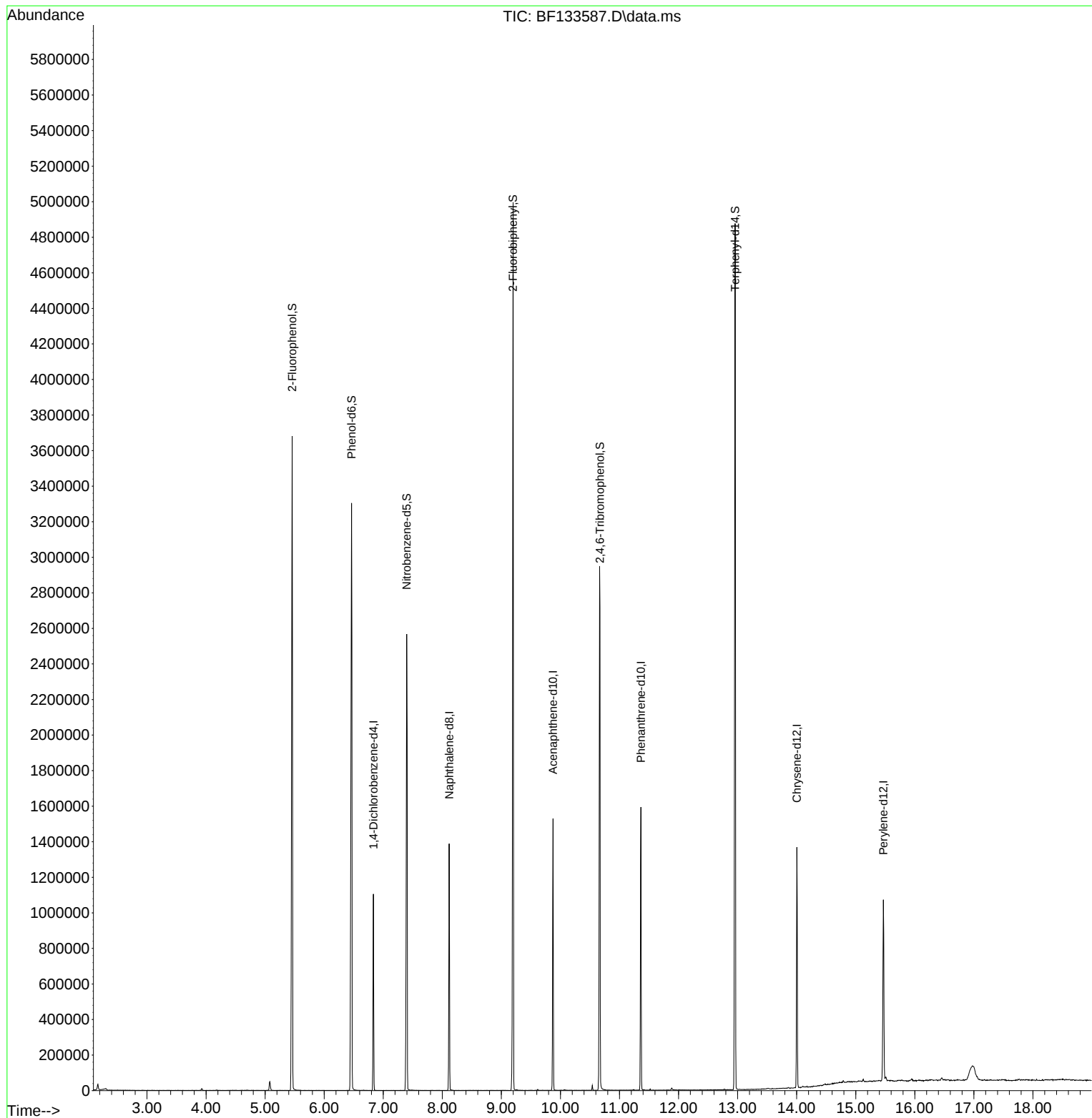
Target Compounds	Qvalue

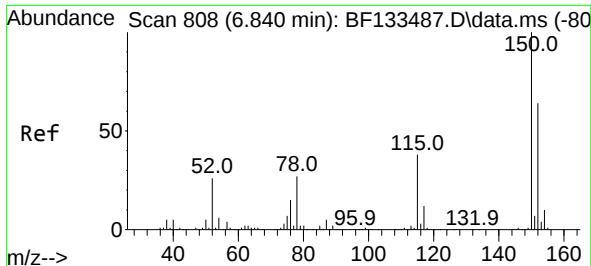
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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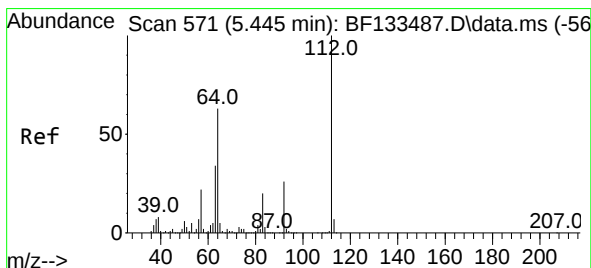
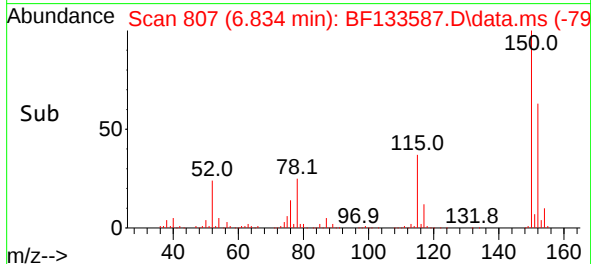
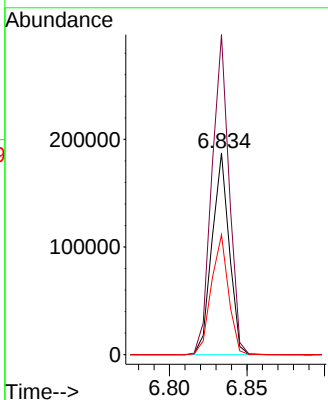
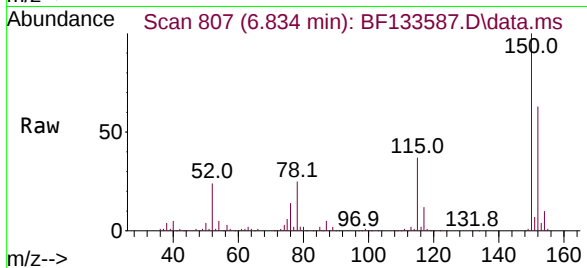




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

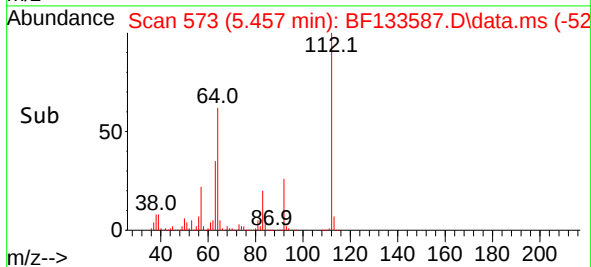
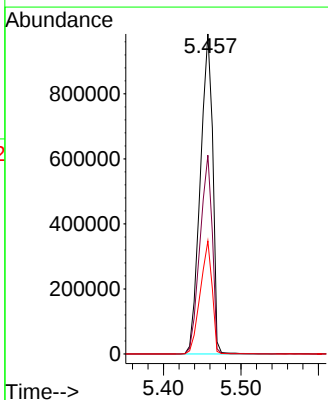
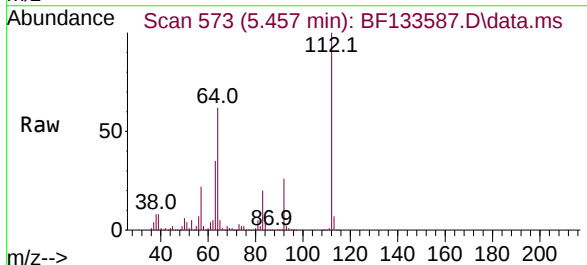
Instrument :
BNA_F
ClientSampleId :
PB153153BL

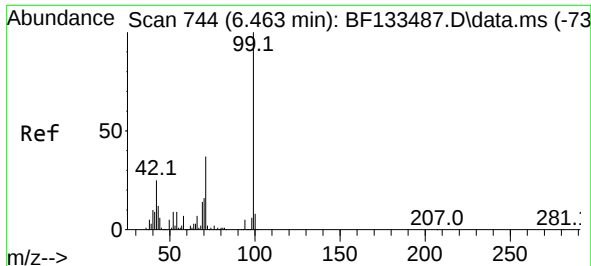
Tgt Ion:152 Resp: 144516
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 59.4 48.1 72.1



#5
2-Fluorophenol
Concen: 126.550 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion:112 Resp: 1096132
Ion Ratio Lower Upper
112 100
64 62.1 50.1 75.1
63 35.3 27.5 41.3



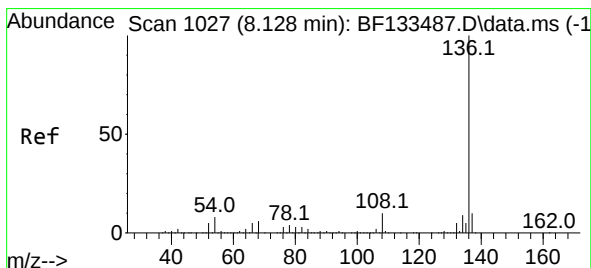
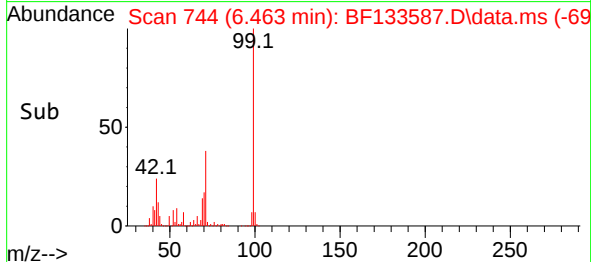
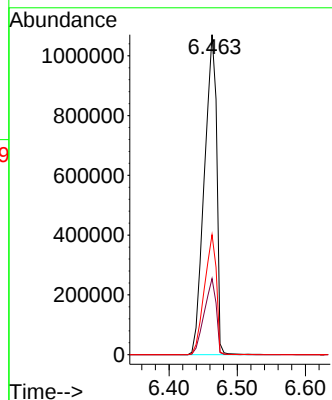
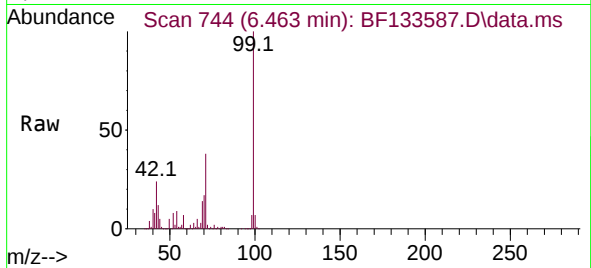


#7
Phenol-d6
Concen: 126.147 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
PB153153BL

Tgt Ion: 99 Resp: 1345044

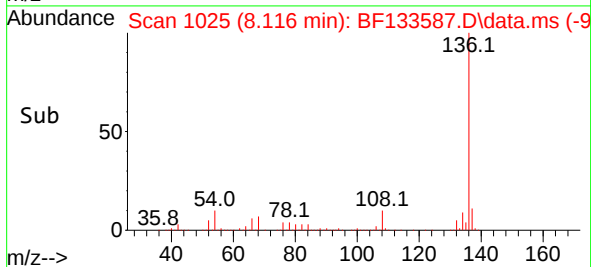
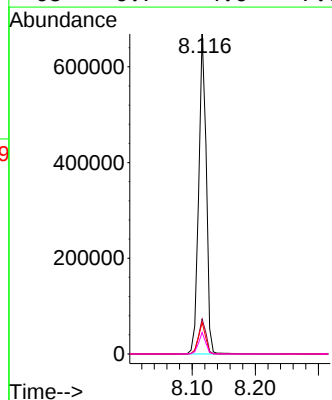
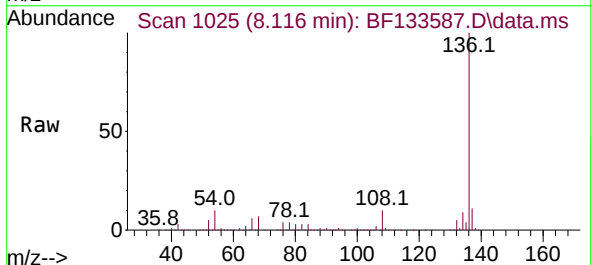
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.7	29.5
71	37.5	29.8	44.8

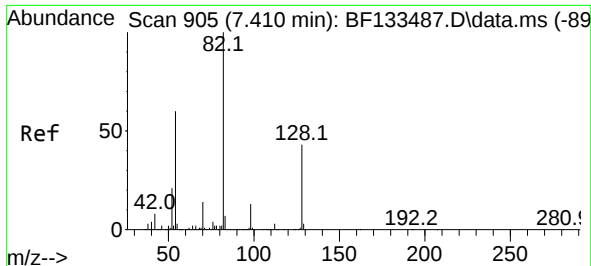


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion: 136 Resp: 551650

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	9.8	6.6	10.0
68	6.7	4.6	7.0





#23

Nitrobenzene-d5

Concen: 105.370 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

Instrument :

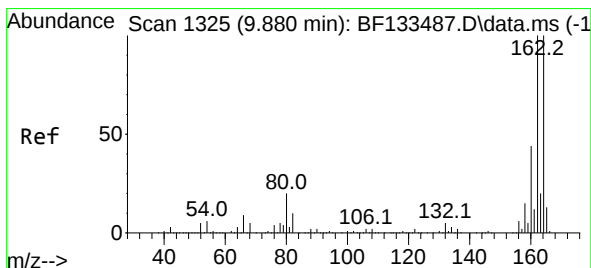
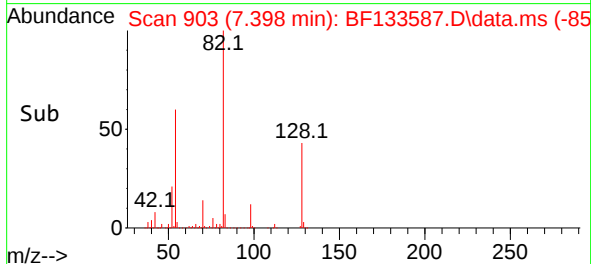
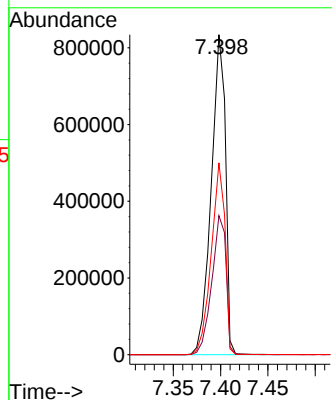
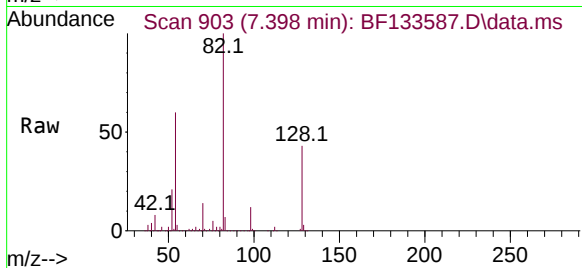
BNA_F

ClientSampleId :

PB153153BL

Tgt Ion: 82 Resp: 870582

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.4
54	59.9	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

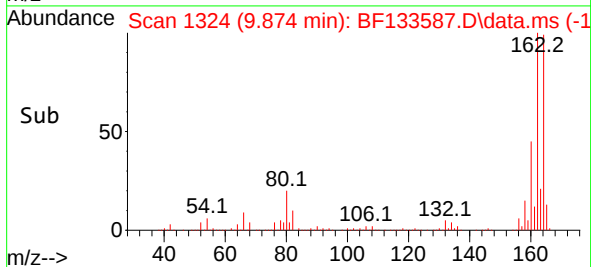
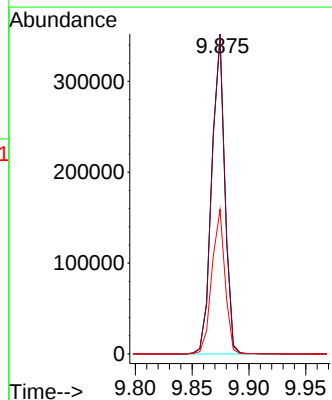
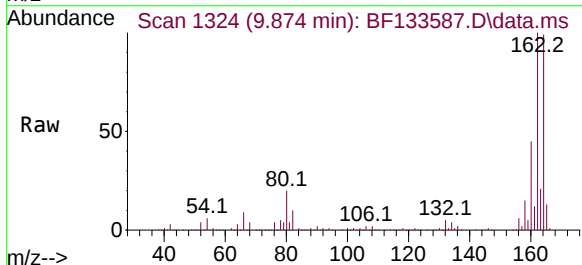
Delta R.T. 0.000 min

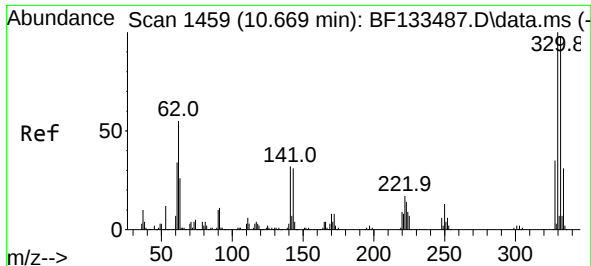
Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

Tgt Ion: 164 Resp: 277260

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.7	119.5
160	45.7	35.4	53.0

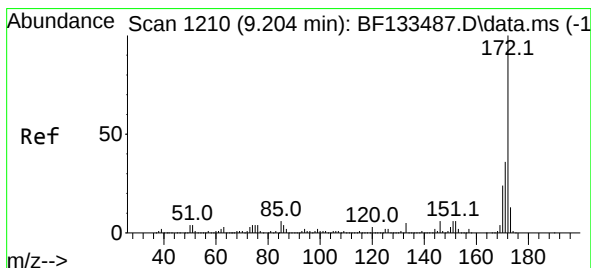
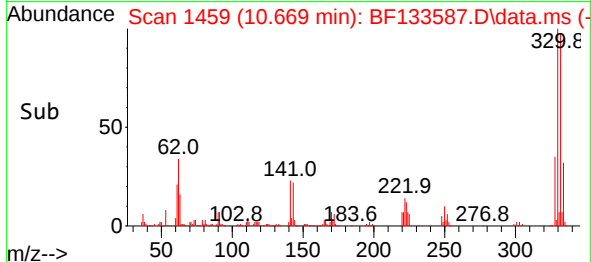
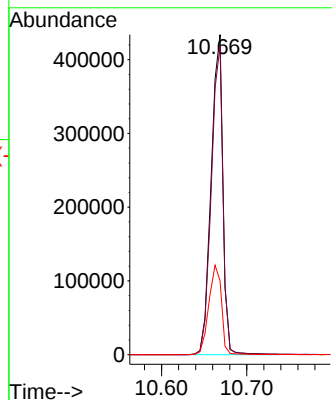
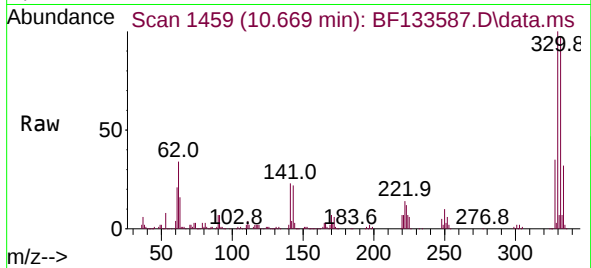




#42
2,4,6-Tribromophenol
Concen: 150.342 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

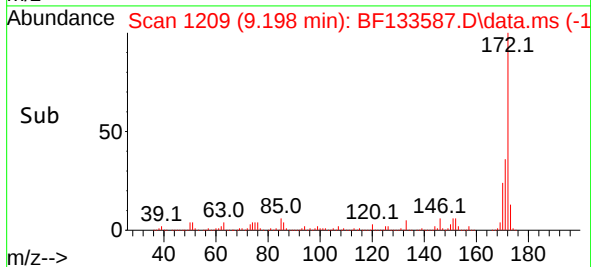
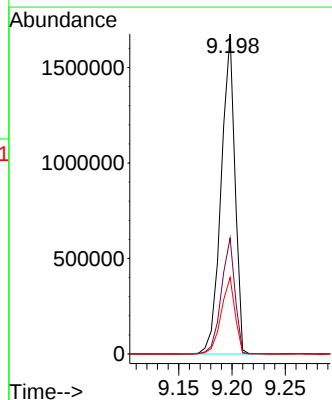
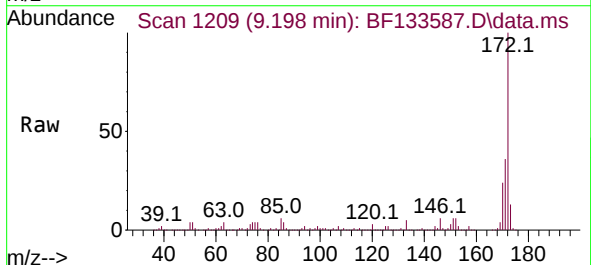
Instrument :
BNA_F
ClientSampleId :
PB153153BL

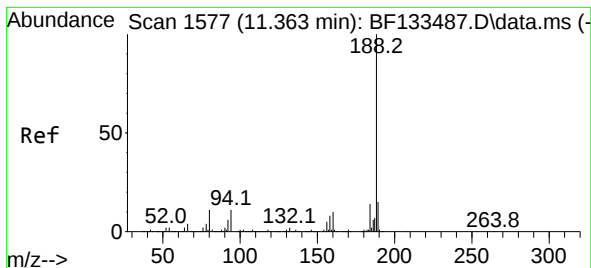
Tgt Ion:330 Resp: 415512
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.6
141 30.1 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 83.825 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion:172 Resp: 1505806
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153153BL

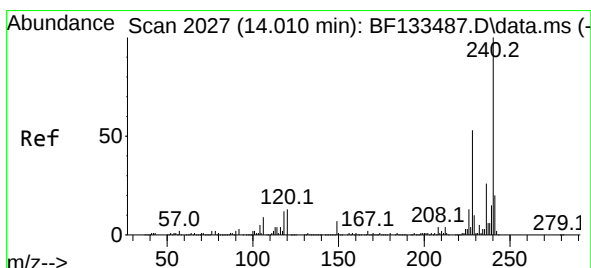
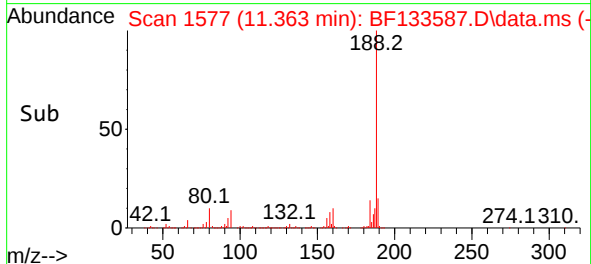
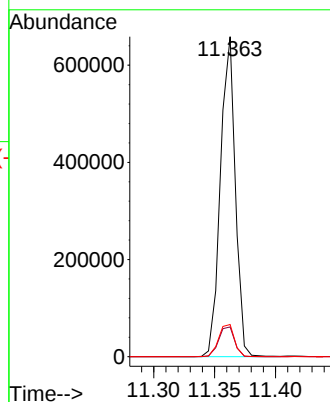
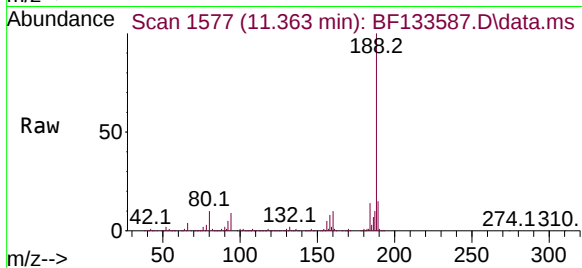
Tgt Ion:188 Resp: 562333

Ion Ratio Lower Upper

188 100

94 9.3 8.6 12.8

80 10.1 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

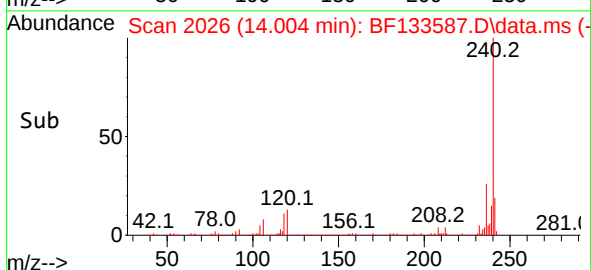
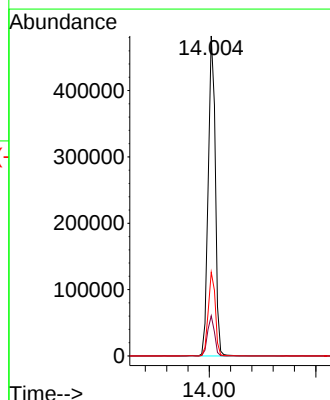
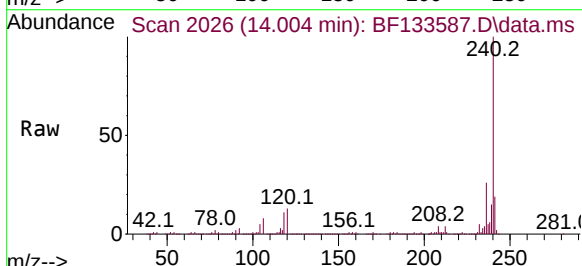
Tgt Ion:240 Resp: 443190

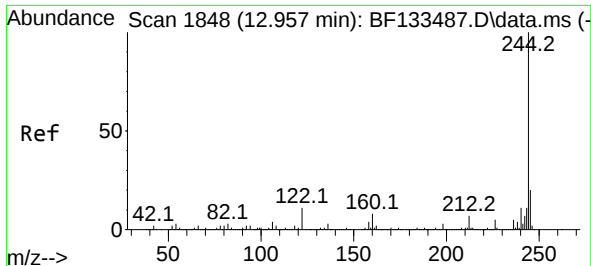
Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

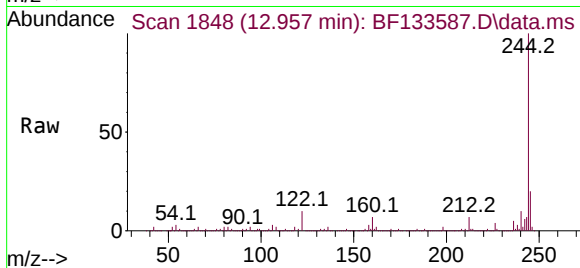
236 26.1 20.5 30.7





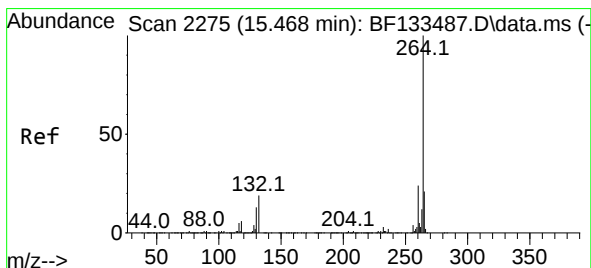
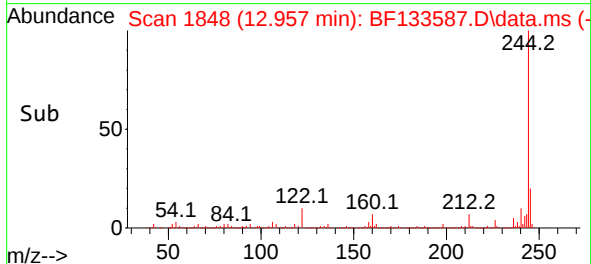
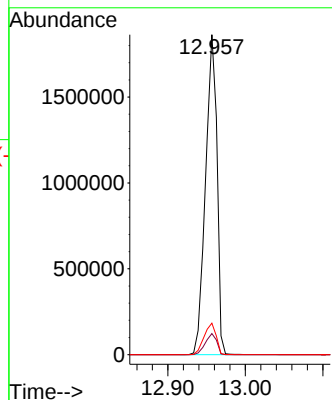
#79
 Terphenyl-d14
 Concen: 76.634 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133587.D
 Acq: 06 Jun 2023 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB153153BL



Tgt Ion:244 Resp: 1910212

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	9.9	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF133587.D
 Acq: 06 Jun 2023 12:38

Tgt Ion:264 Resp: 451536

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.8	16.8	25.2

