

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134356.D
 Acq On : 19 Jul 2023 13:34
 Operator : CG\JU
 Sample : PB154258BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154258BL

Quant Time: Jul 19 13:57:31 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	76908	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	293261	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	157065	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	314062	20.000	ng	0.00
76) Chrysene-d12	14.033	240	230557	20.000	ng	0.00
86) Perylene-d12	15.539	264	204908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	749938	163.113	ng	0.02
7) Phenol-d6	6.487	99	724333	128.105	ng	0.00
23) Nitrobenzene-d5	7.404	82	501068	92.103	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	294034	149.310	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	968305	89.632	ng	0.00
79) Terphenyl-d14	12.975	244	1204242	84.063	ng	0.00

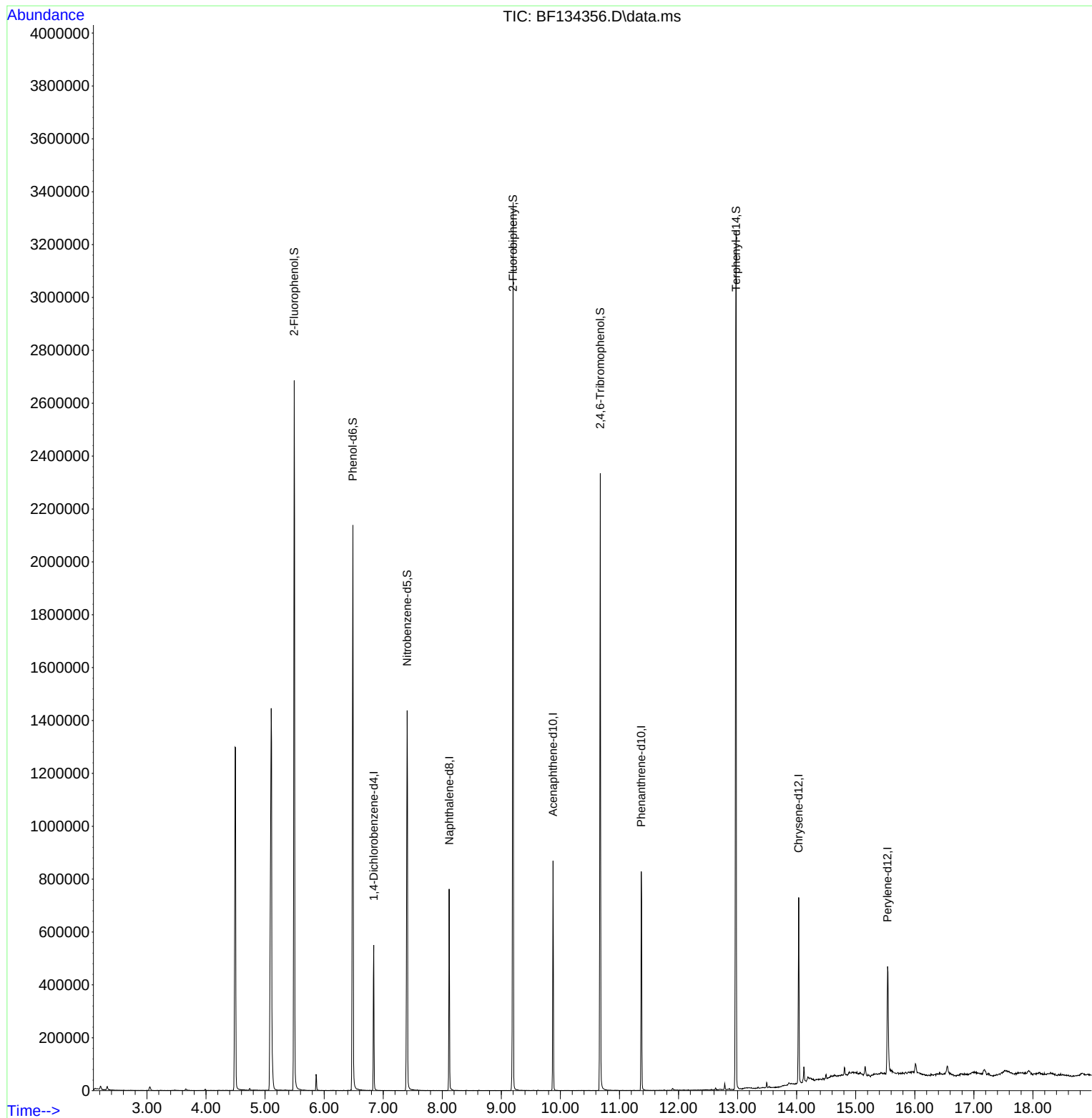
Target Compounds	Qvalue

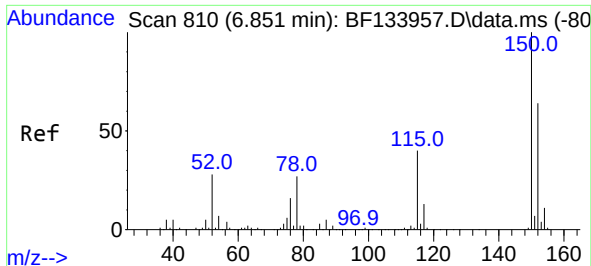
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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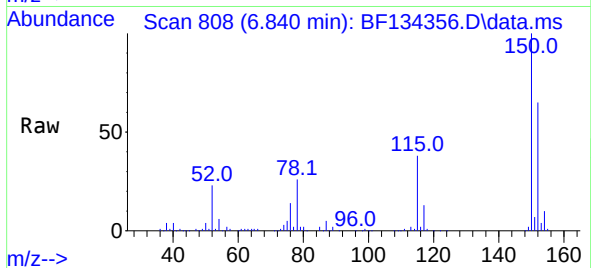
Quant Time: Jul 19 13:57:31 2023
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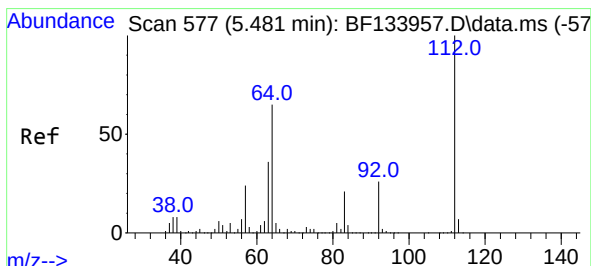
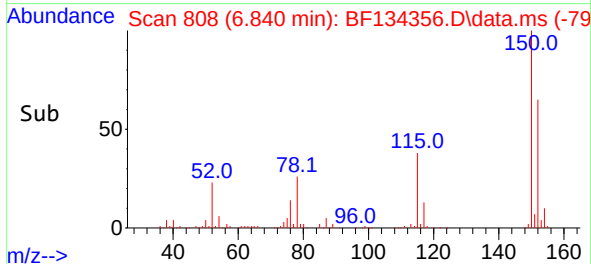
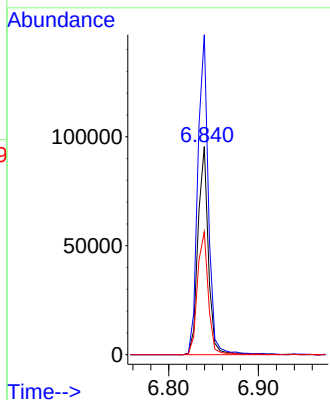


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 810
Delta R.T. -0.005 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Instrument :
BNA_F
ClientSampleId :
PB154258BL

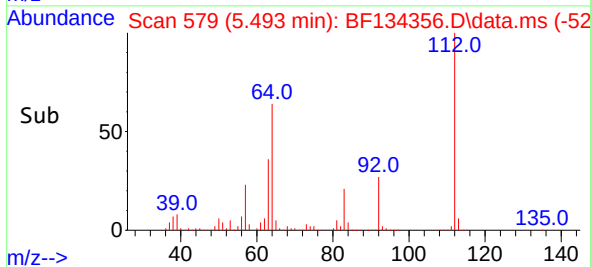
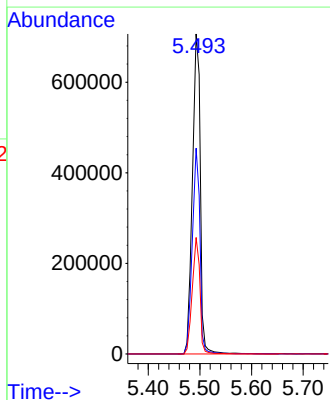
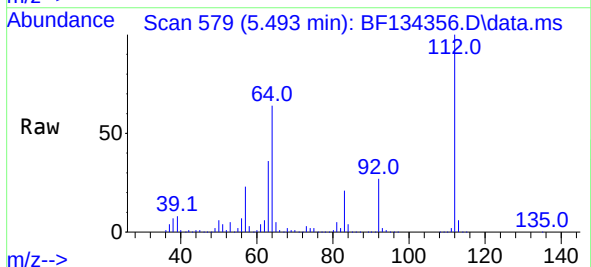


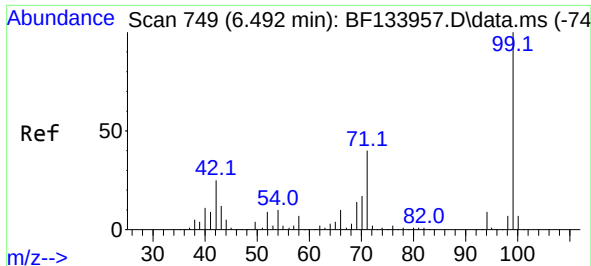
Tgt Ion:152 Resp: 76908
Ion Ratio Lower Upper
152 100
150 153.7 124.5 186.7
115 59.0 50.2 75.2



#5
2-Fluorophenol
Concen: 163.113 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

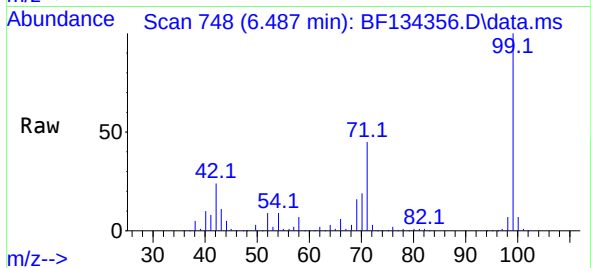
Tgt Ion:112 Resp: 749938
Ion Ratio Lower Upper
112 100
64 64.3 52.1 78.1
63 36.4 28.6 42.8





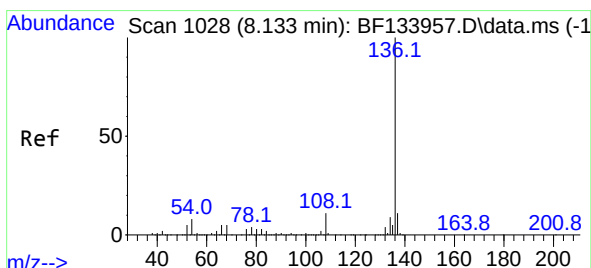
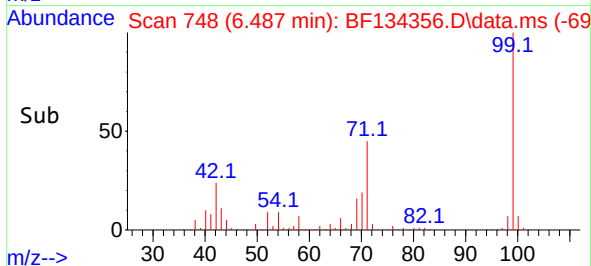
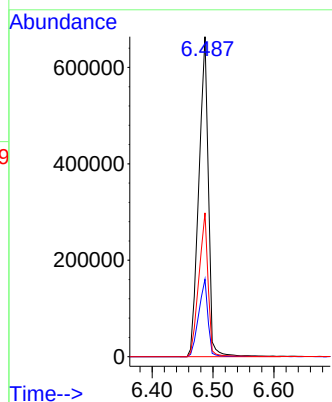
#7
Phenol-d6
Concen: 128.105 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Instrument :
BNA_F
ClientSampleId :
PB154258BL



Tgt Ion: 99 Resp: 724333

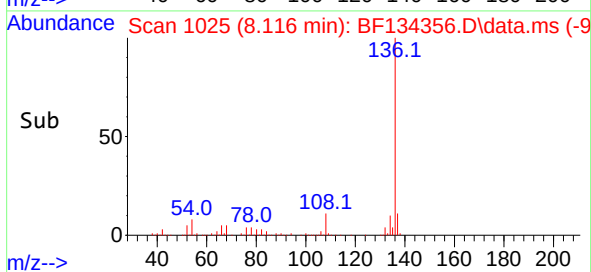
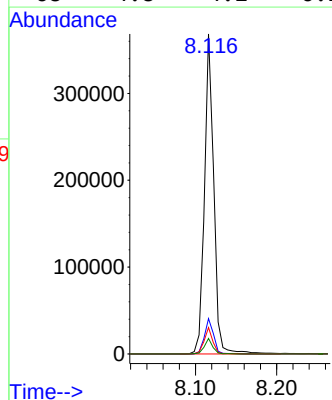
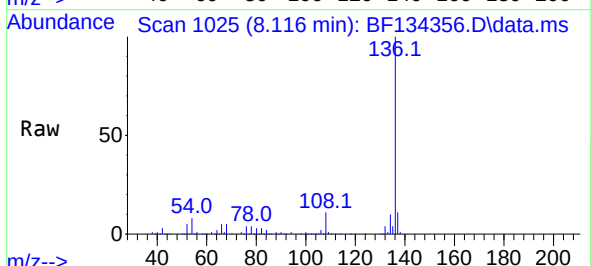
Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.8	29.6
71	44.9	31.9	47.9

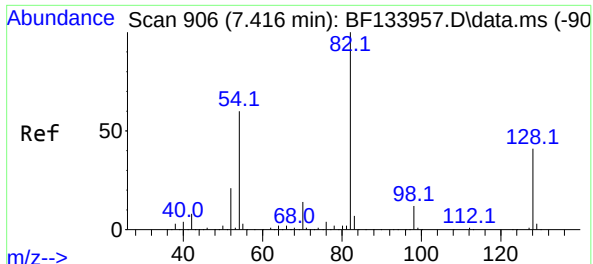


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Tgt Ion:136 Resp: 293261

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.3	6.5	9.7
68	4.8	4.2	6.2

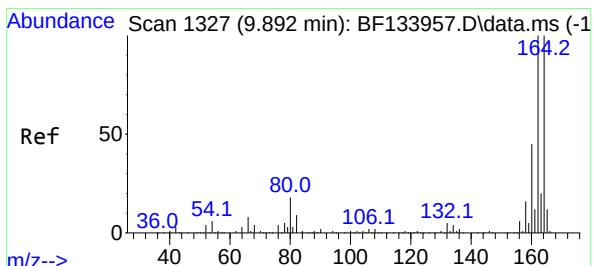
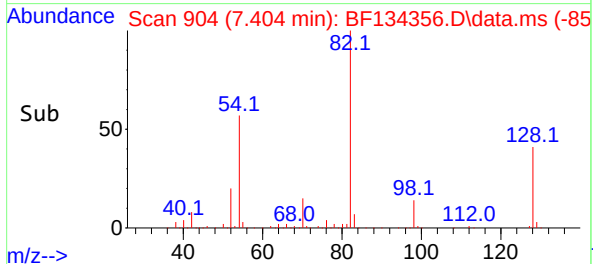
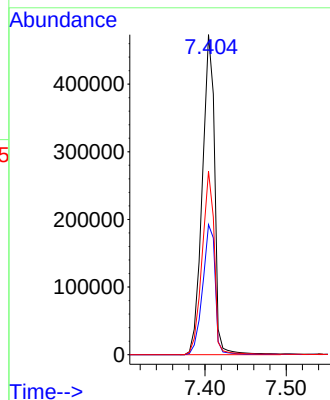
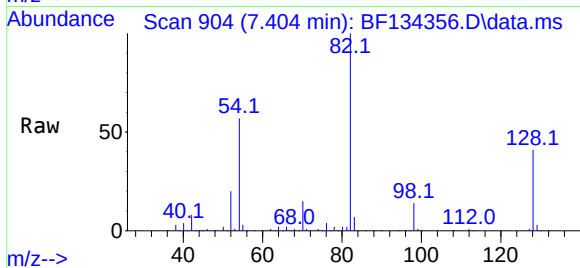




#23
 Nitrobenzene-d5
 Concen: 92.103 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134356.D
 Acq: 19 Jul 2023 13:34

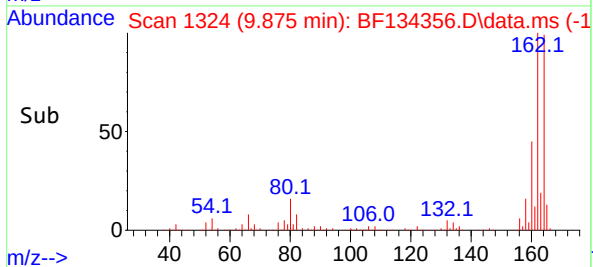
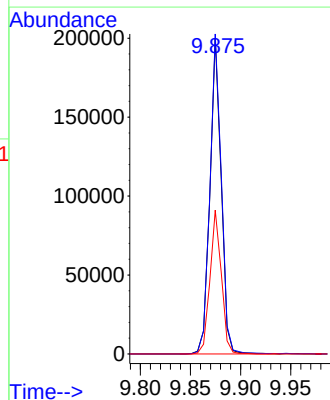
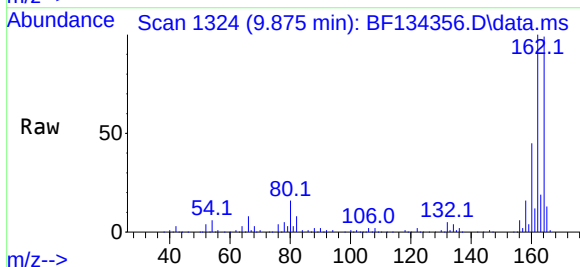
Instrument :
 BNA_F
 ClientSampleId :
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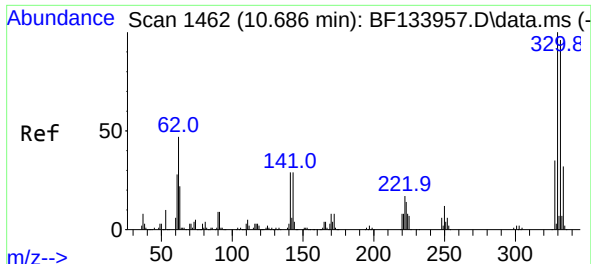
Tgt Ion: 82 Resp: 501068
 Ion Ratio Lower Upper
 82 100
 128 40.6 32.5 48.7
 54 57.3 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.875 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF134356.D
 Acq: 19 Jul 2023 13:34

Tgt Ion:164 Resp: 157065
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.0 120.0
 160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 149.310 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134356.D

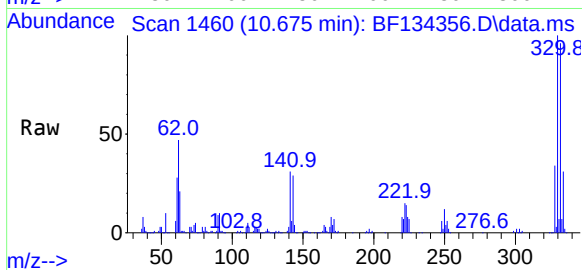
Acq: 19 Jul 2023 13:34

Instrument :

BNA_F

ClientSampleId :

PB154258BL



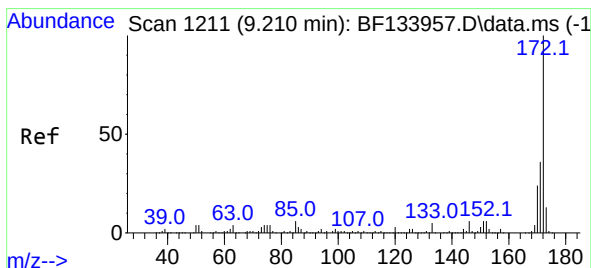
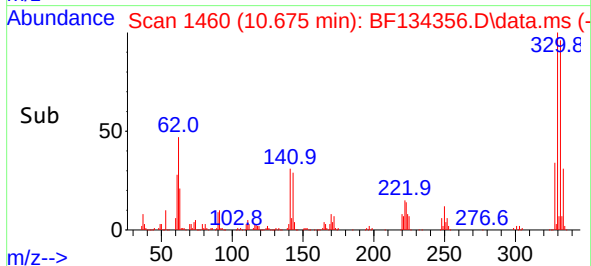
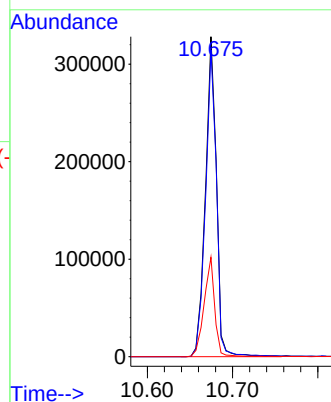
Tgt Ion:330 Resp: 294034

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 30.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 89.632 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134356.D

Acq: 19 Jul 2023 13:34

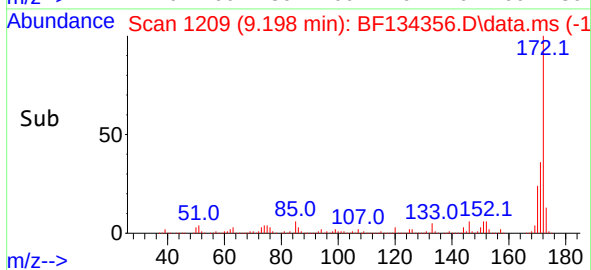
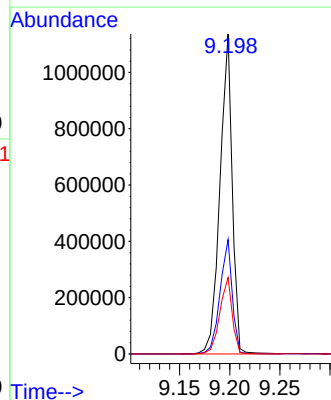
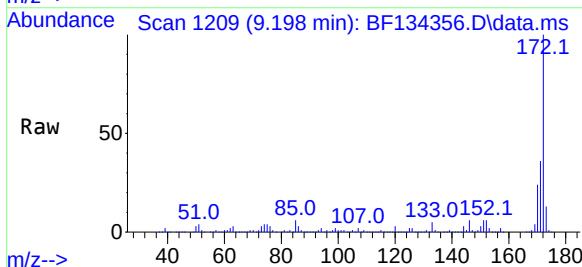
Tgt Ion:172 Resp: 968305

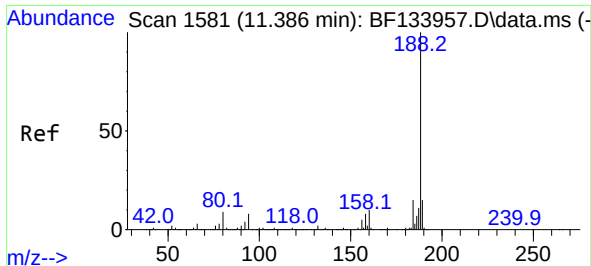
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.4 29.0

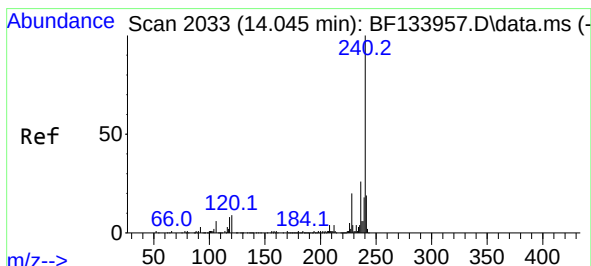
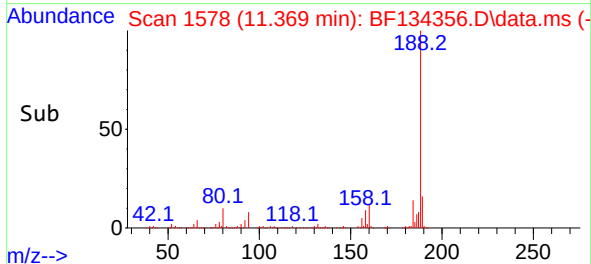
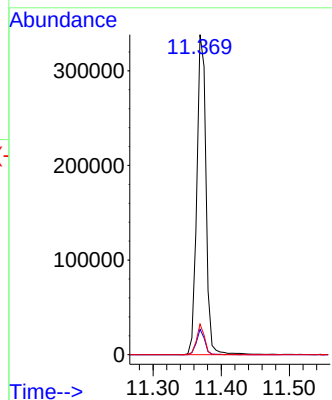
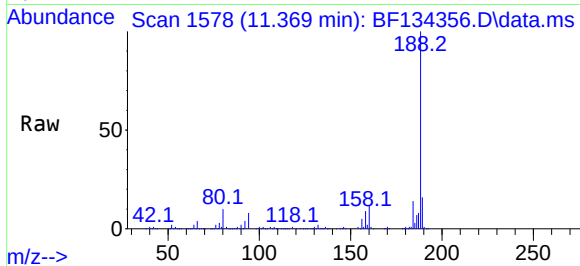




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

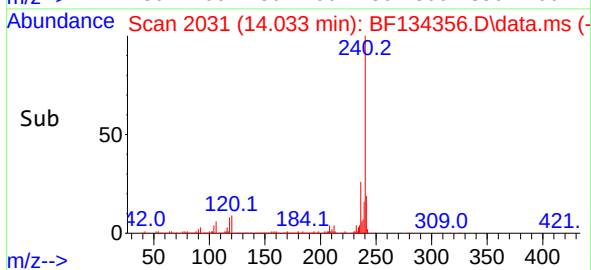
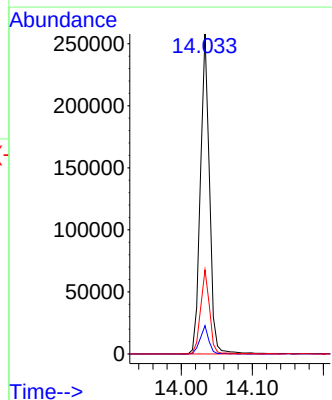
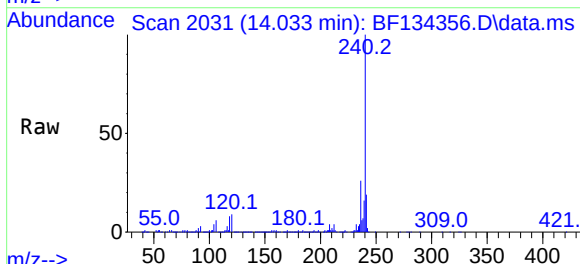
Instrument :
BNA_F
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PB154258BL

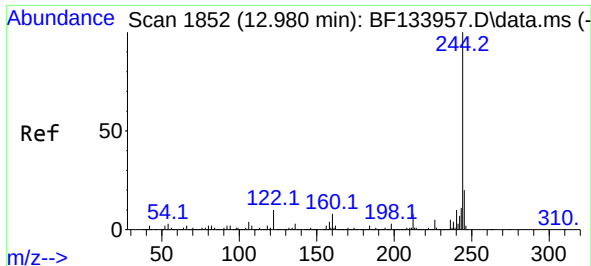
Tgt Ion:188 Resp: 314062
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Tgt Ion:240 Resp: 230557
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 26.3 21.0 31.6

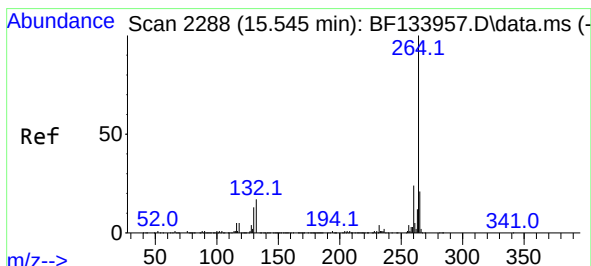
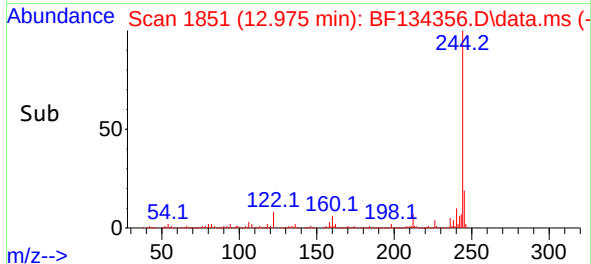
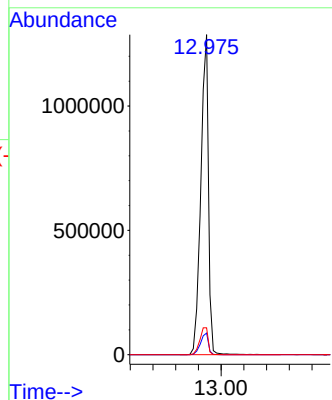
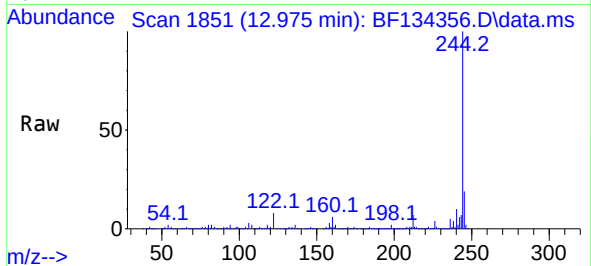




#79
 Terphenyl-d14
 Concen: 84.063 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134356.D
 Acq: 19 Jul 2023 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB154258BL

Tgt Ion:244 Resp: 1204242
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134356.D
 Acq: 19 Jul 2023 13:34

Tgt Ion:264 Resp: 204908
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.7 16.6 25.0

