

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135726.D
 Acq On : 12 Oct 2023 10:43
 Operator : CG\JU
 Sample : PB156073BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156073BL

Quant Time: Oct 13 00:53:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	96217	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	361246	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	198310	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	408846	20.000	ng	0.00
76) Chrysene-d12	13.933	240	271089	20.000	ng	0.00
86) Perylene-d12	15.409	264	193900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	873469	147.651	ng	0.02
7) Phenol-d6	6.392	99	1125217	149.585	ng	0.00
23) Nitrobenzene-d5	7.310	82	701617	105.519	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	308724	156.655	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1300784	98.962	ng	0.00
79) Terphenyl-d14	12.874	244	1458327	83.393	ng	0.00

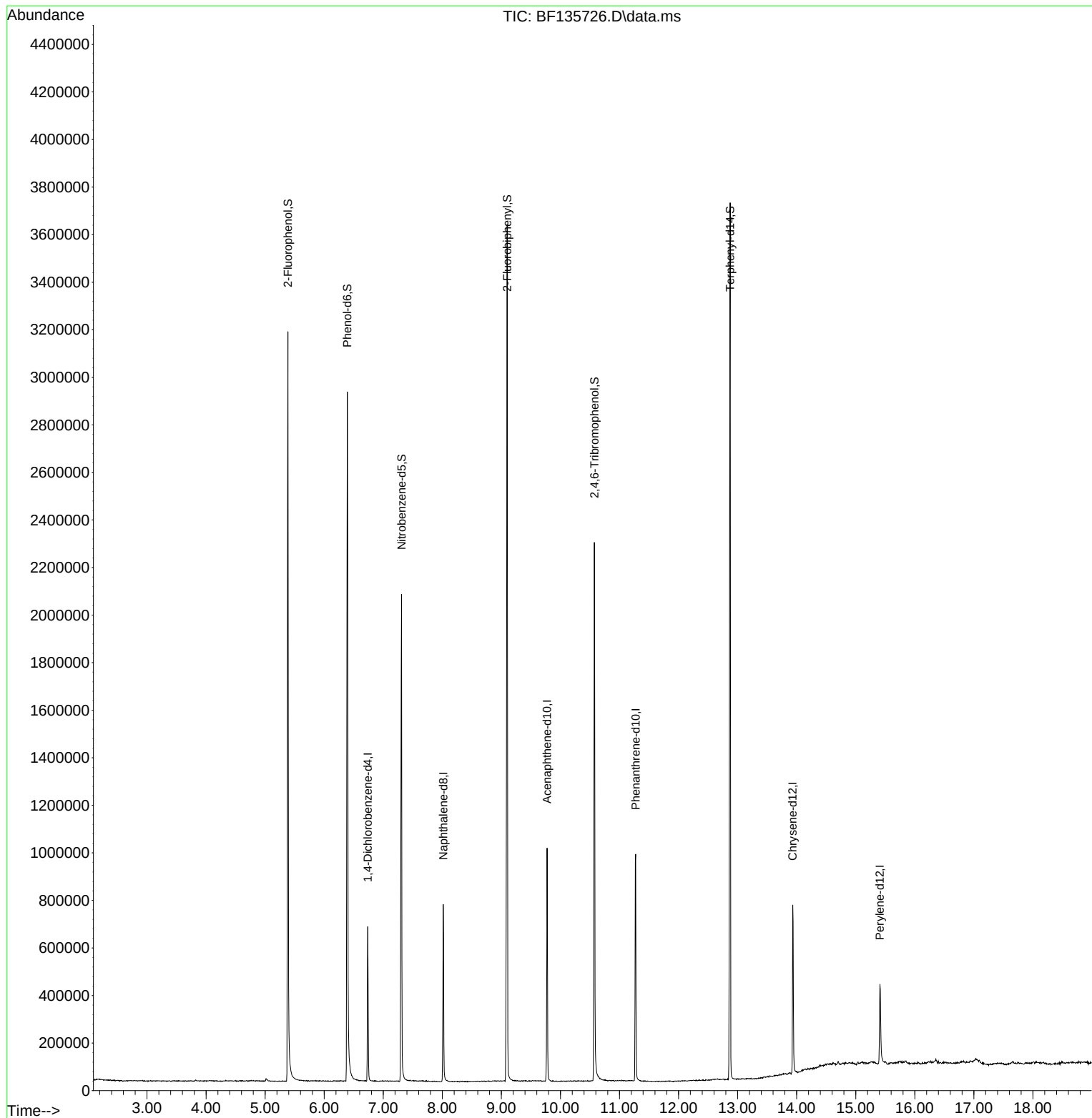
Target Compounds	Qvalue

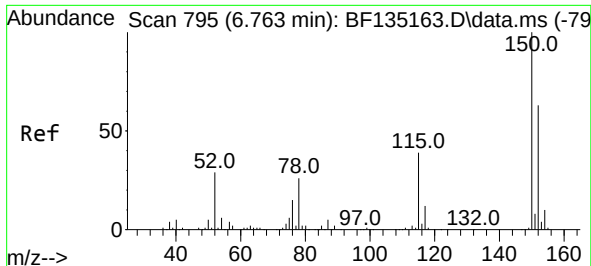
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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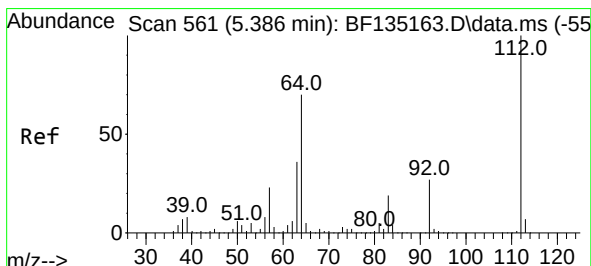
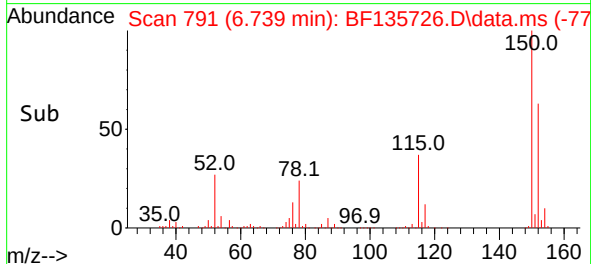
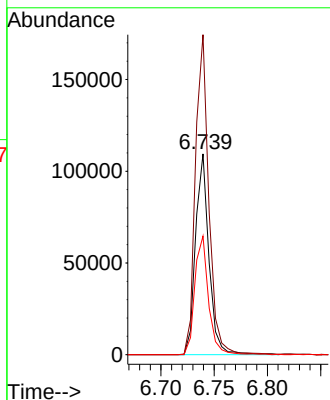
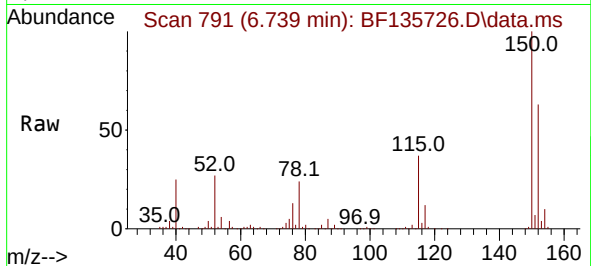




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

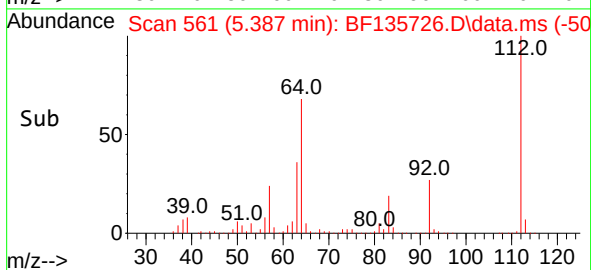
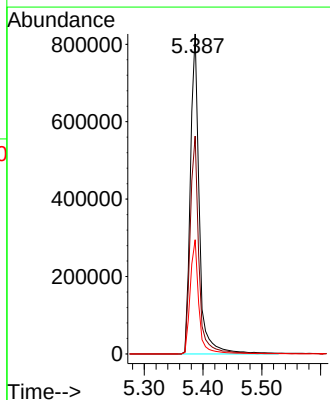
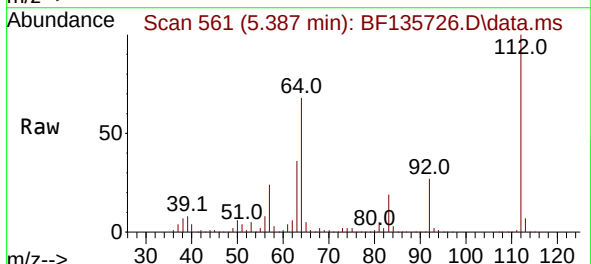
Instrument :
BNA_F
ClientSampleId :
PB156073BL

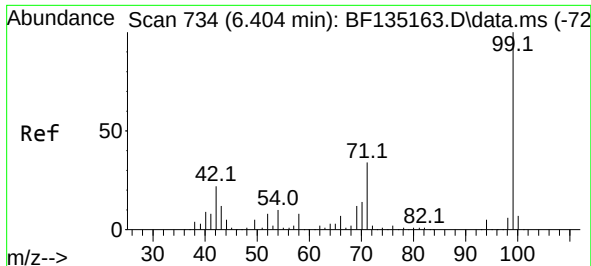
Tgt Ion:152 Resp: 96217
Ion Ratio Lower Upper
152 100
150 159.4 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 147.651 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Tgt Ion:112 Resp: 873469
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 35.7 29.0 43.6



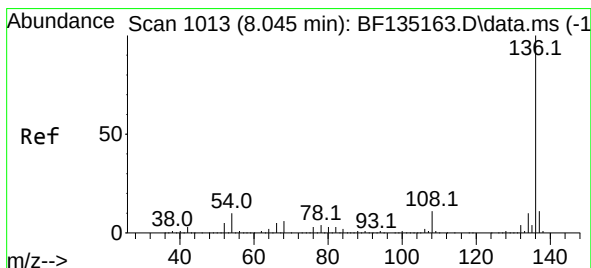
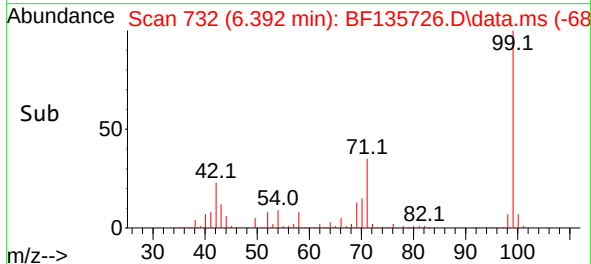
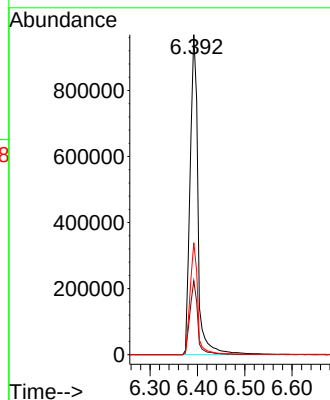
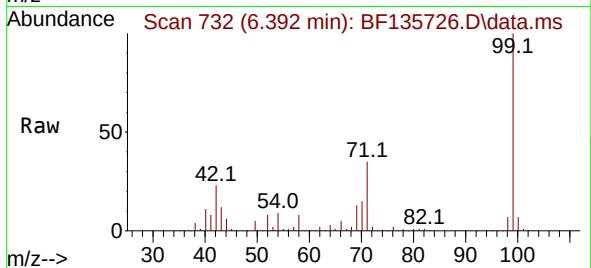


#7
Phenol-d6
Concen: 149.585 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Instrument :
BNA_F
ClientSampleId :
PB156073BL

Tgt Ion: 99 Resp: 1125217

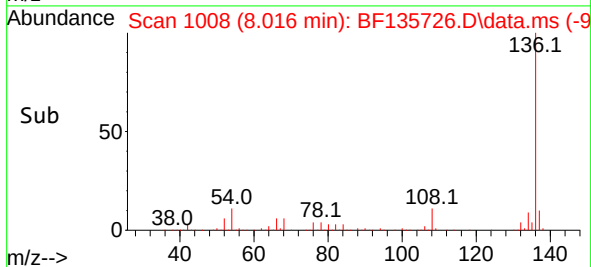
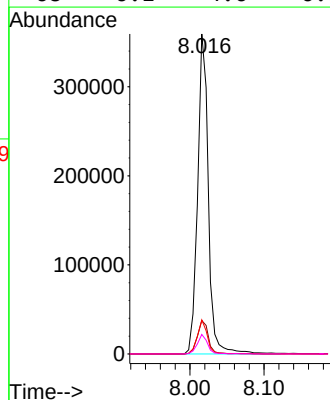
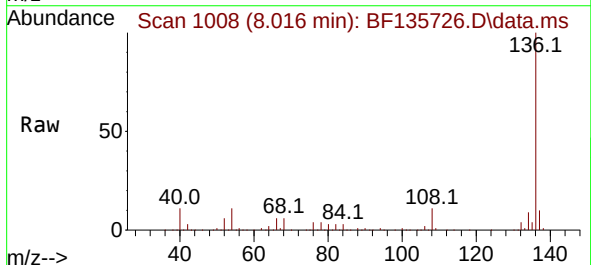
Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	35.0	27.0	40.6

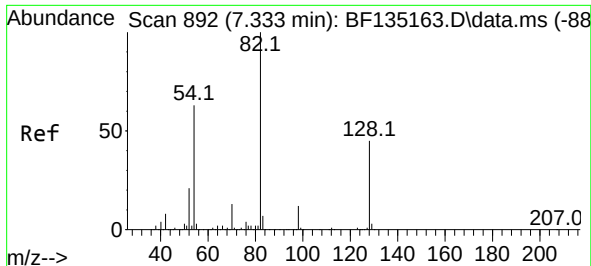


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Tgt Ion: 136 Resp: 361246

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.6	7.7	11.5
68	6.1	4.6	6.8

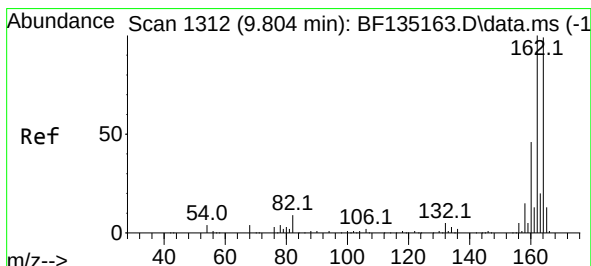
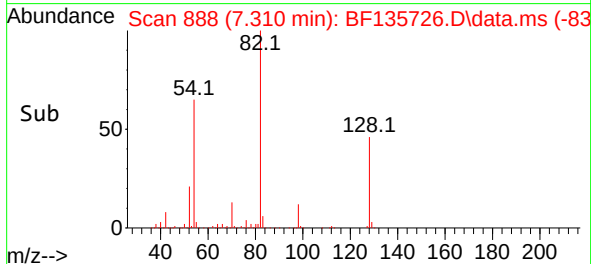
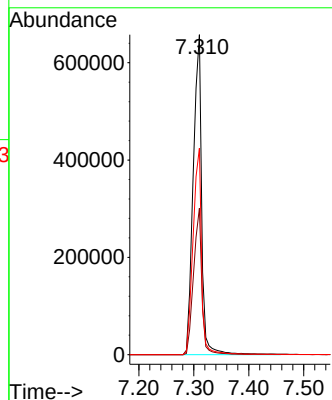
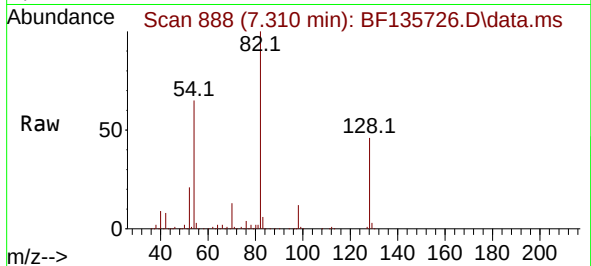




#23
Nitrobenzene-d5
Concen: 105.519 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

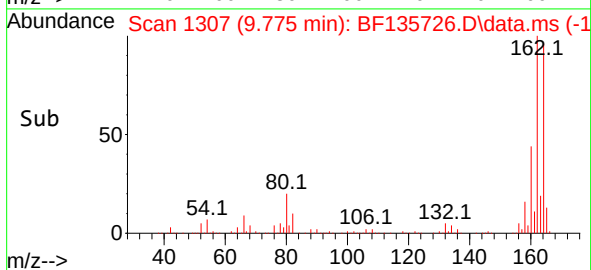
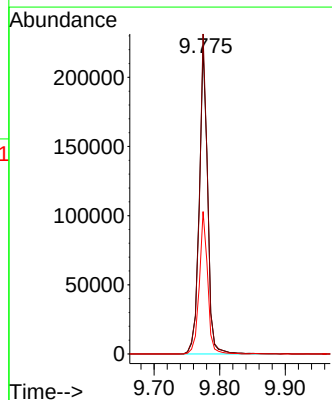
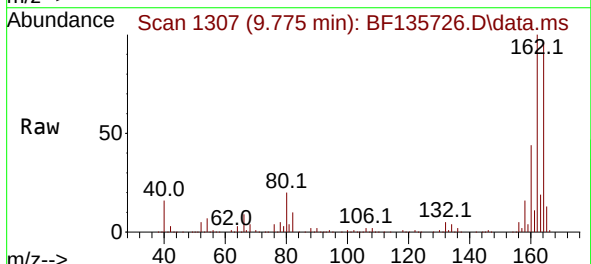
Instrument :
BNA_F
ClientSampleId :
PB156073BL

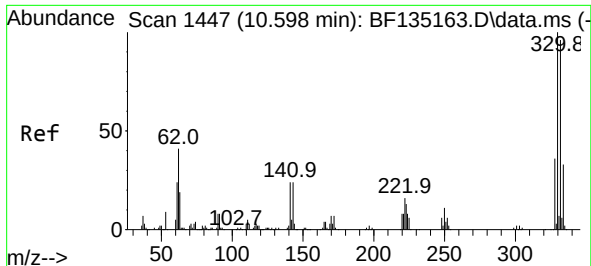
Tgt Ion: 82 Resp: 701617
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.6
54 64.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Tgt Ion: 164 Resp: 198310
Ion Ratio Lower Upper
164 100
162 104.6 81.0 121.4
160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 156.655 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB156073BL

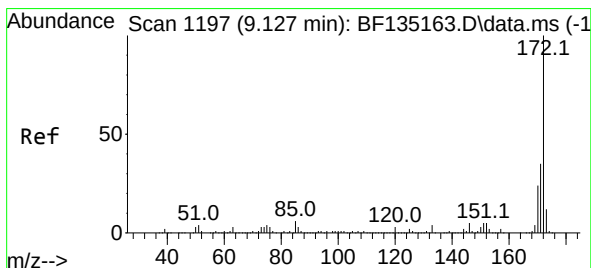
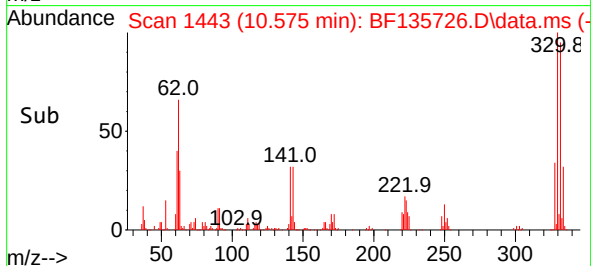
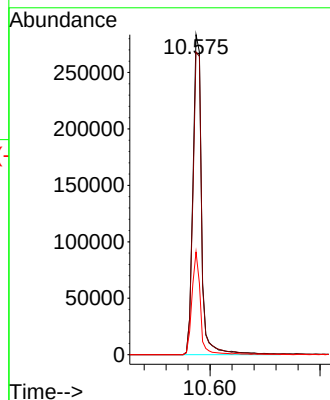
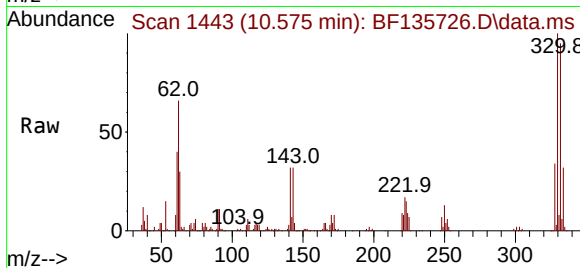
Tgt Ion:330 Resp: 308724

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 30.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 98.962 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

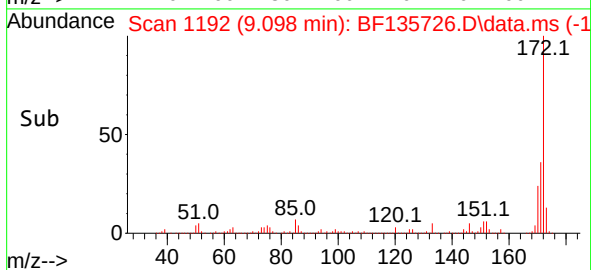
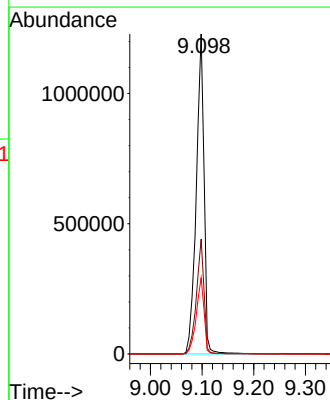
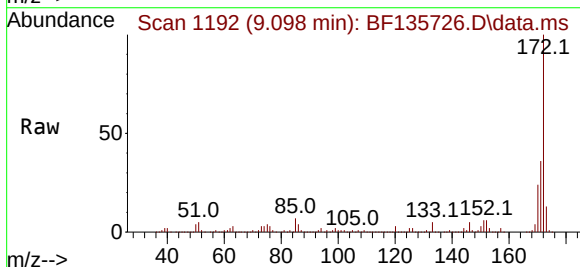
Tgt Ion:172 Resp: 1300784

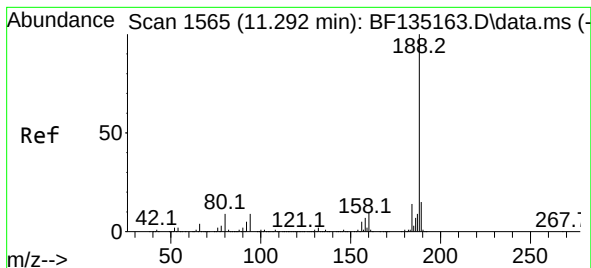
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 19.0 28.4

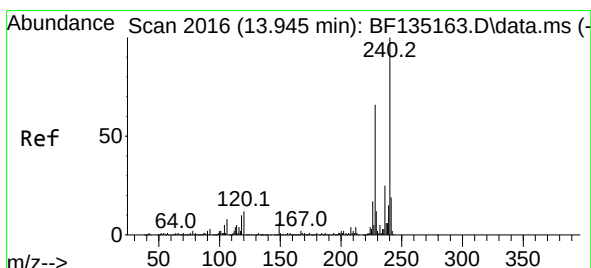
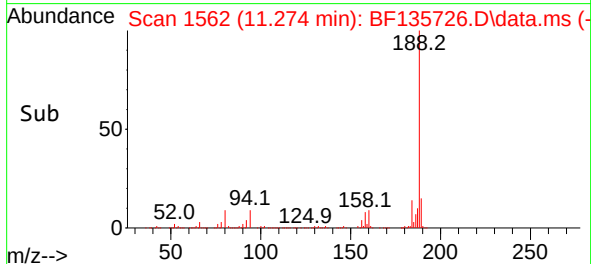
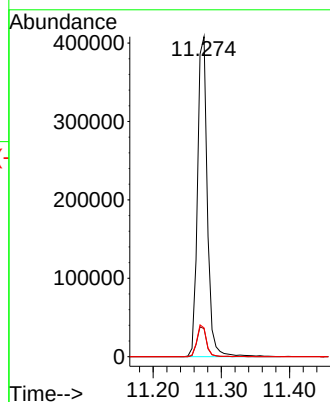
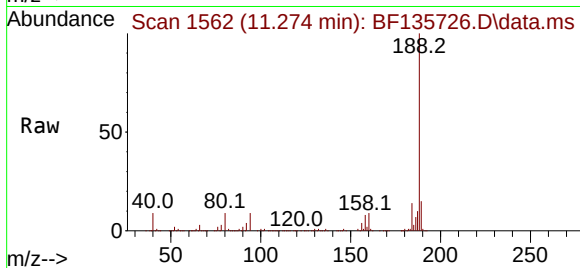




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

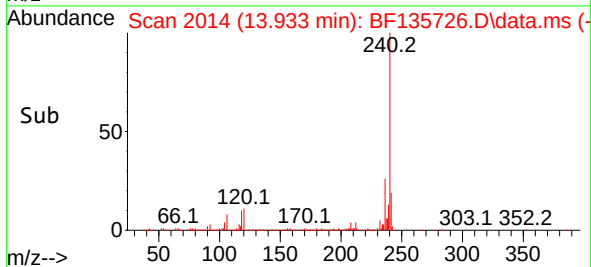
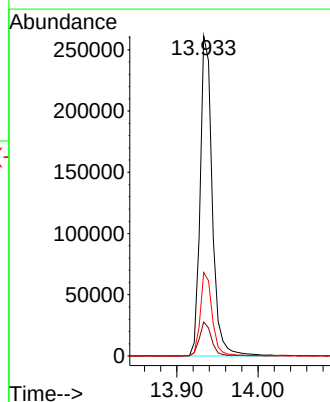
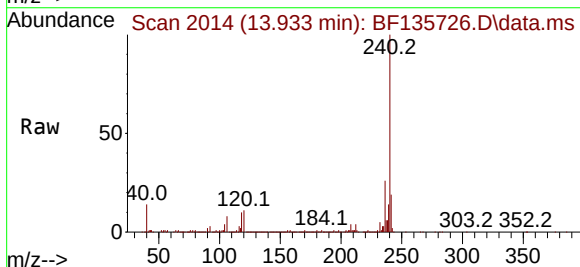
Instrument :
BNA_F
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PB156073BL

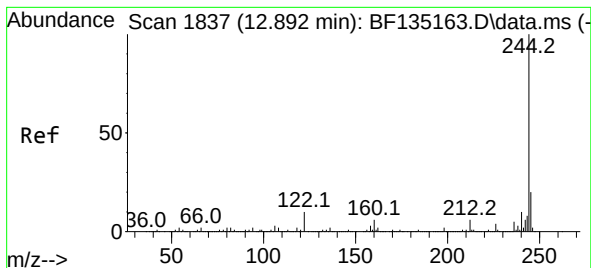
Tgt Ion:188 Resp: 408846
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Tgt Ion:240 Resp: 271089
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.1 19.8 29.8





#79

Terphenyl-d14

Concen: 83.393 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB156073BL

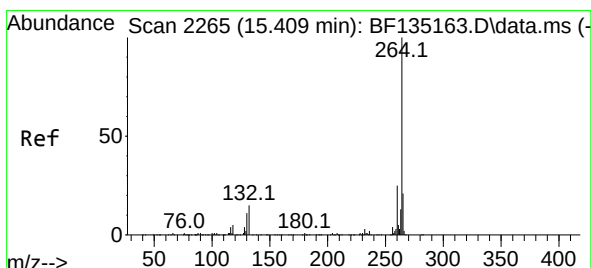
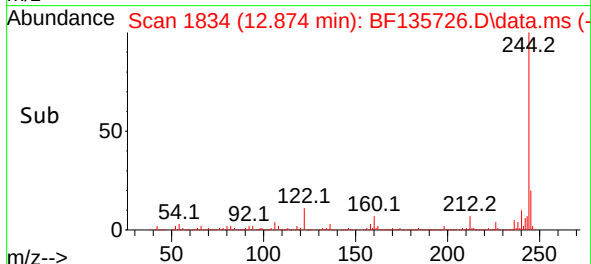
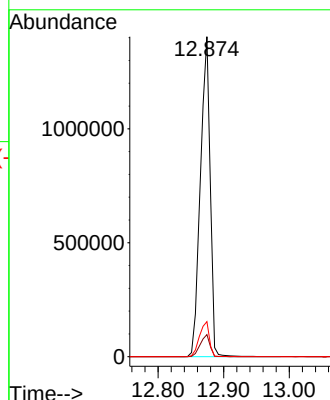
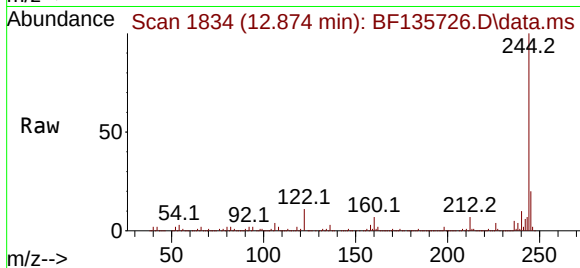
Tgt Ion:244 Resp: 1458327

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 10.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

Tgt Ion:264 Resp: 193900

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.4 17.0 25.4

