

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135633.D
 Acq On : 06 Oct 2023 17:21
 Operator : CG\JU
 Sample : 04622-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Quant Time: Oct 07 01:49:49 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 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	117082	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	451386	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	236647	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	475272	20.000	ng	0.00
76) Chrysene-d12	13.927	240	301879	20.000	ng	0.00
86) Perylene-d12	15.398	264	254800	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	435536	60.503	ng	0.00
7) Phenol-d6	6.387	99	325088	35.515	ng	0.00
23) Nitrobenzene-d5	7.310	82	836650	100.700	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	321842	136.855	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1457398	92.915	ng	0.00
79) Terphenyl-d14	12.869	244	1557635	79.987	ng	0.00

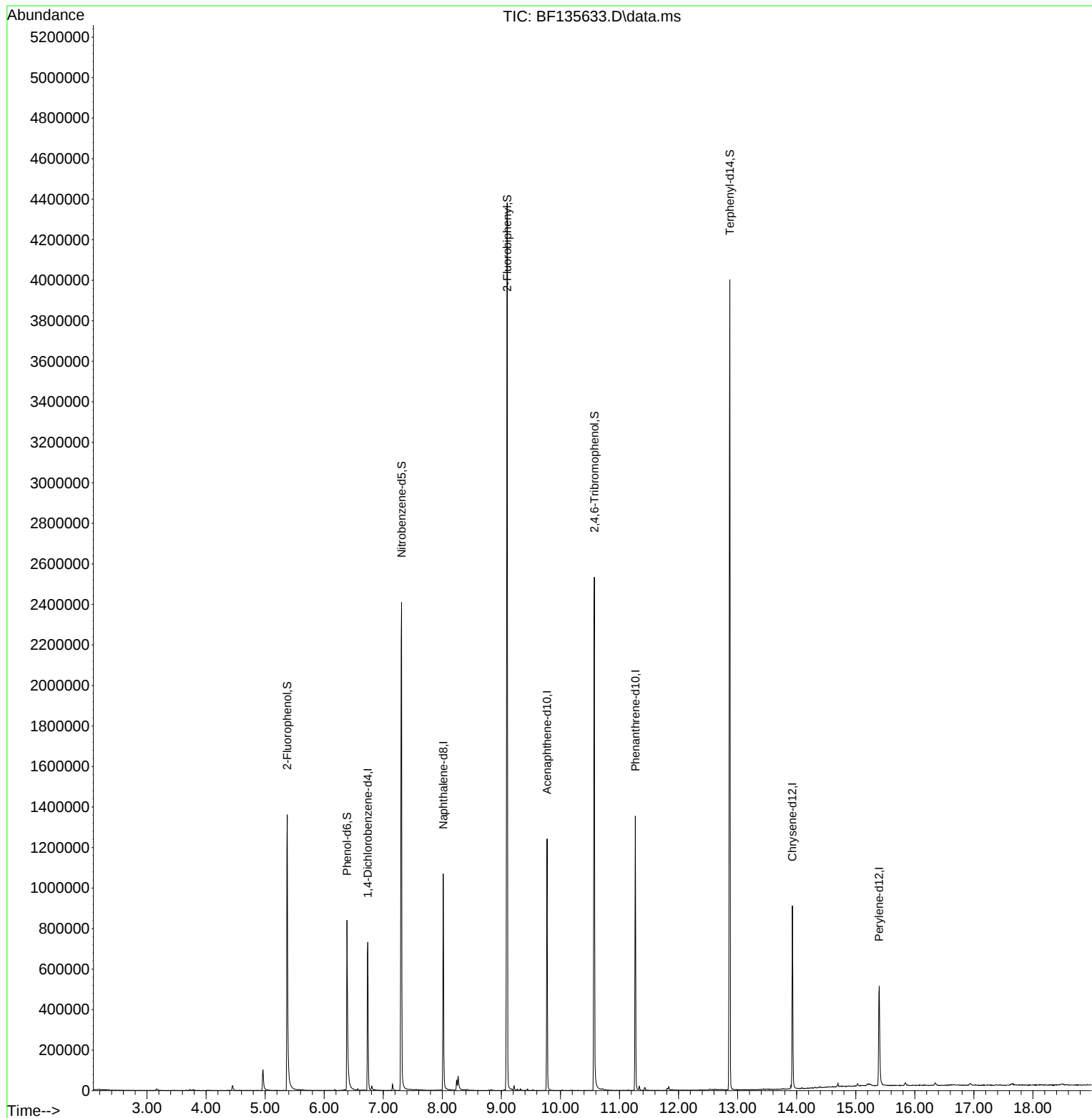
Target Compounds	Qvalue

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

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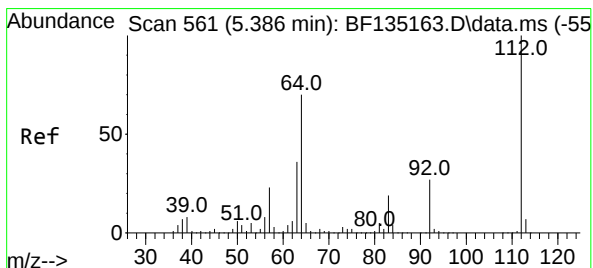
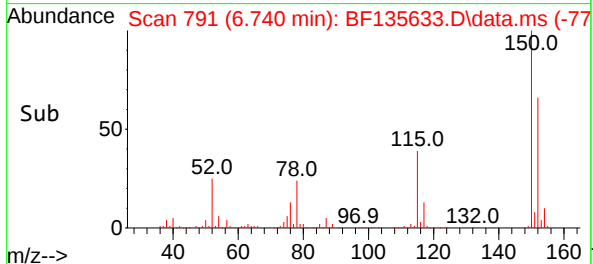
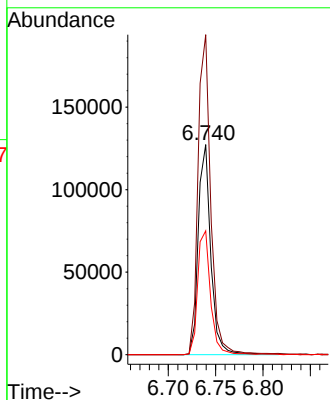
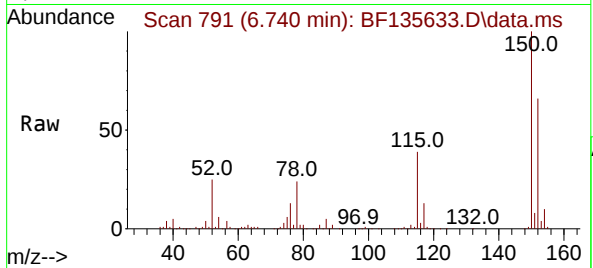




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

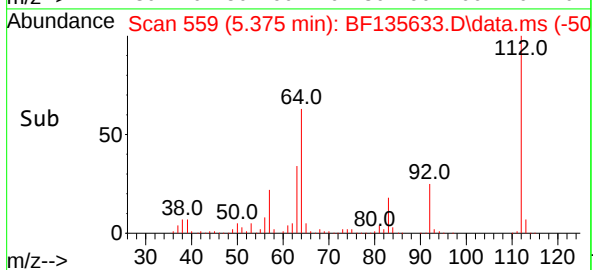
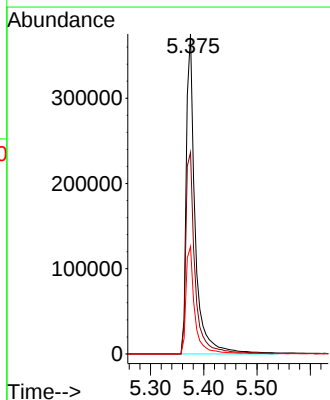
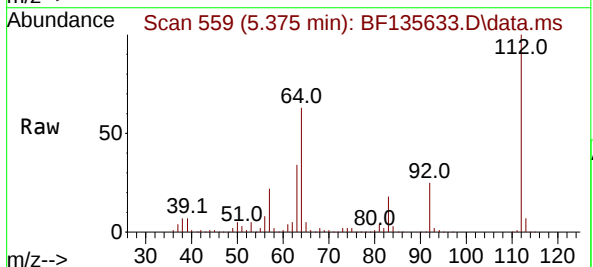
Instrument :
BNA_F
ClientSampleId :
FB-1

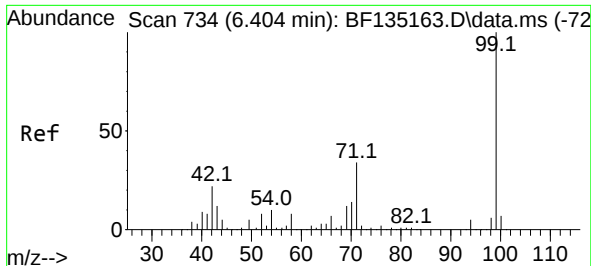
Tgt Ion:152 Resp: 117082
Ion Ratio Lower Upper
152 100
150 152.4 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 60.503 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Tgt Ion:112 Resp: 435536
Ion Ratio Lower Upper
112 100
64 63.0 55.9 83.9
63 33.6 29.0 43.6

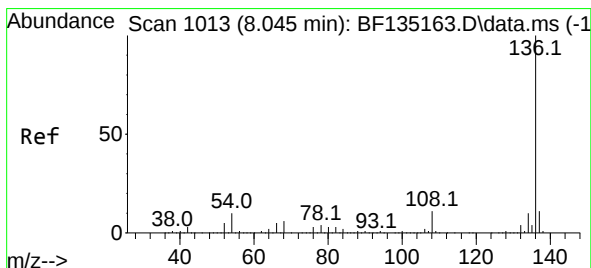
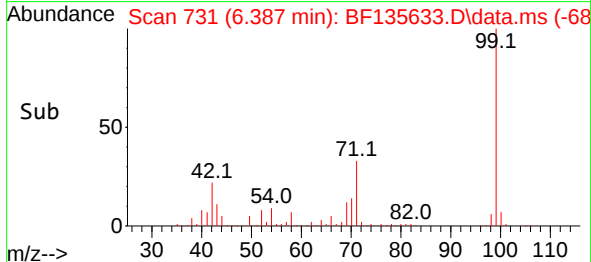
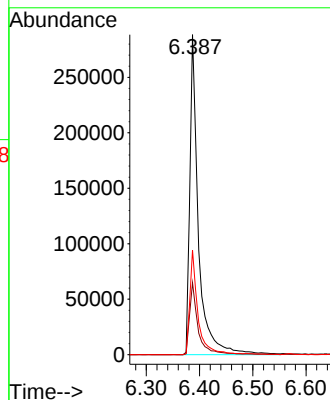
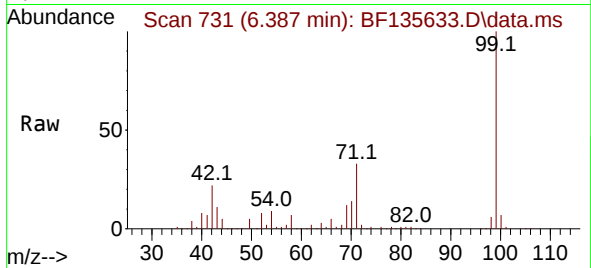




#7
Phenol-d6
Concen: 35.515 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

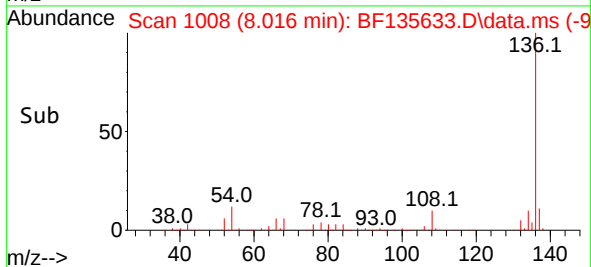
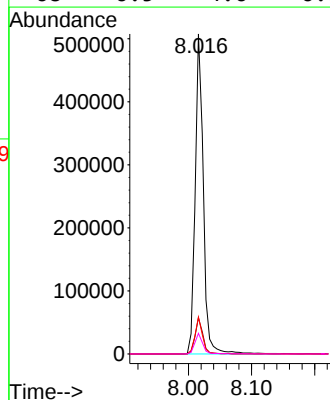
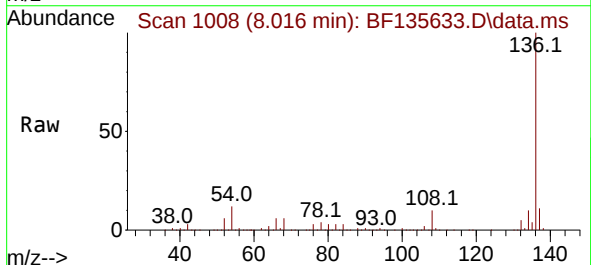
Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion: 99 Resp: 325088
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 32.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Tgt Ion: 136 Resp: 451386
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.5 7.7 11.5#
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 100.700 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

Instrument :

BNA_F

ClientSampleId :

FB-1

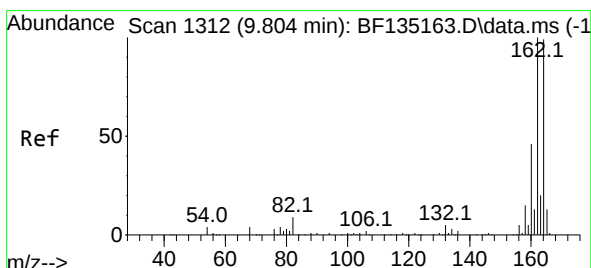
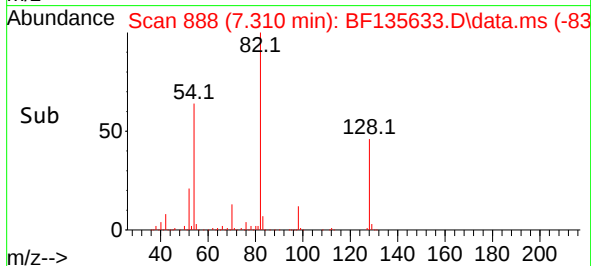
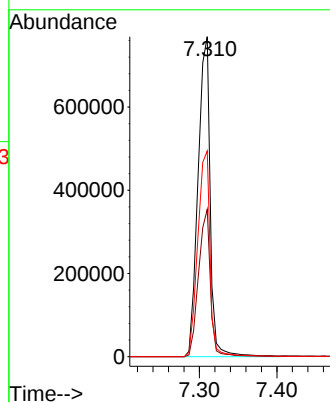
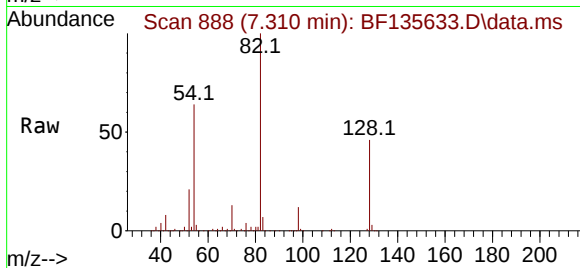
Tgt Ion: 82 Resp: 836650

Ion Ratio Lower Upper

82 100

128 46.1 35.8 53.6

54 64.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

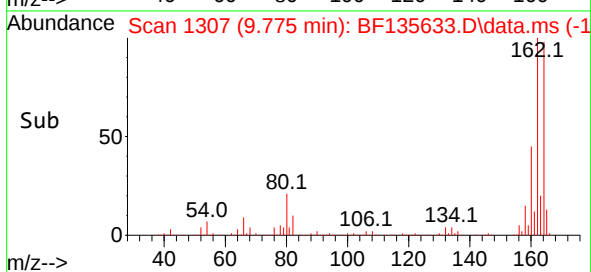
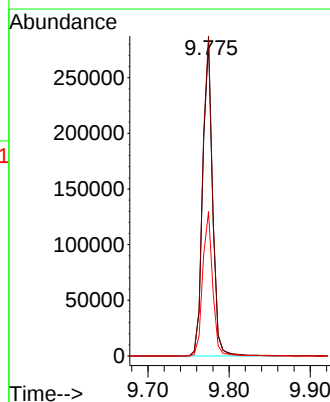
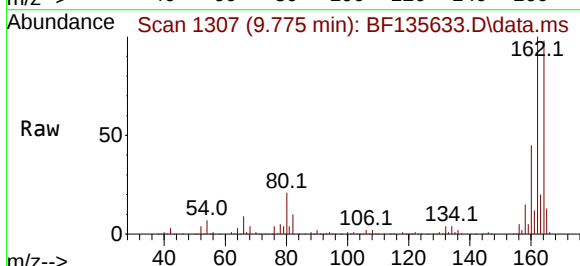
Tgt Ion: 164 Resp: 236647

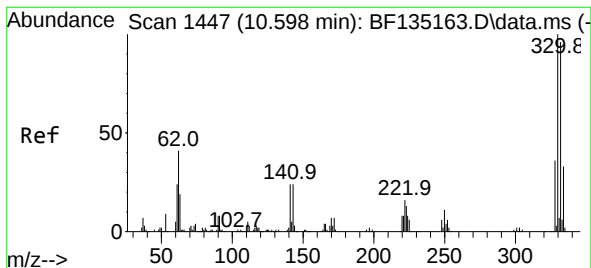
Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.4

160 46.0 37.0 55.4

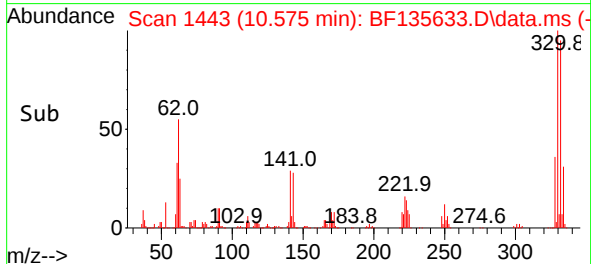
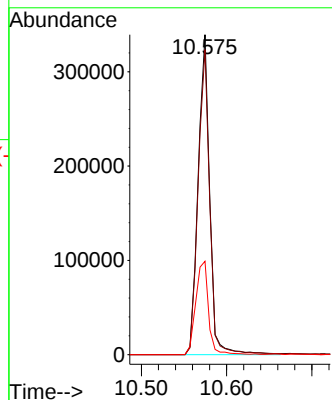
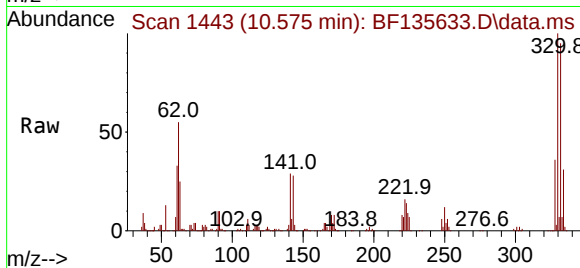




#42
 2,4,6-Tribromophenol
 Concen: 136.855 ng
 RT: 10.575 min Scan# 1443
 Delta R.T. 0.006 min
 Lab File: BF135633.D
 Acq: 06 Oct 2023 17:21

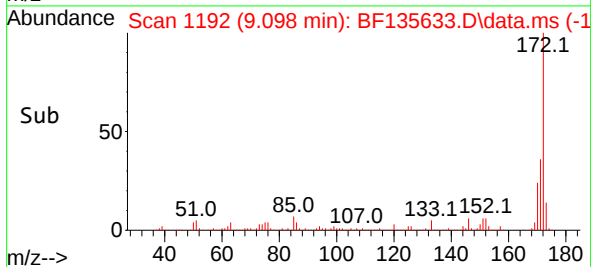
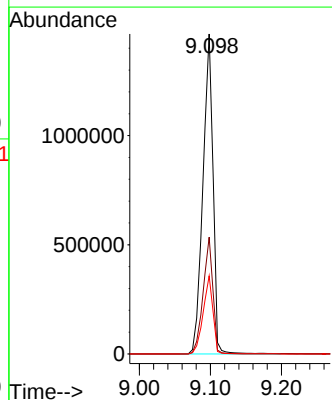
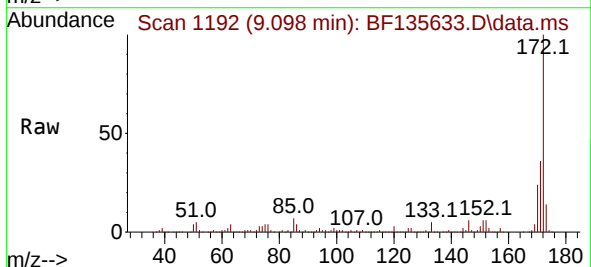
Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Tgt Ion: 330 Resp: 321842
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 32.2 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 92.915 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF135633.D
 Acq: 06 Oct 2023 17:21

Tgt Ion: 172 Resp: 1457398
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.4 42.6
 170 24.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

Instrument :

BNA_F

ClientSampleId :

FB-1

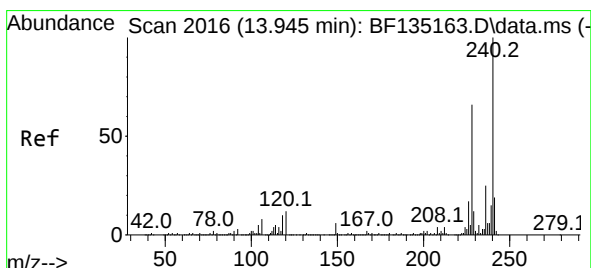
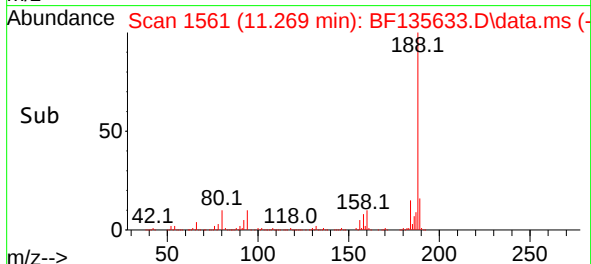
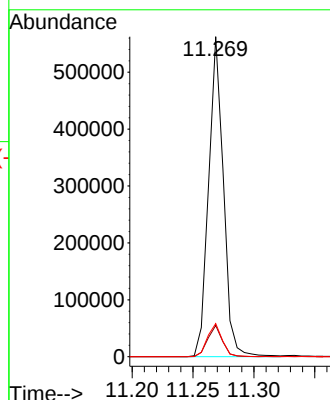
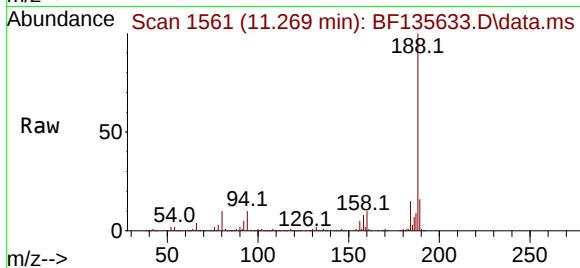
Tgt Ion:188 Resp: 475272

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.4 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

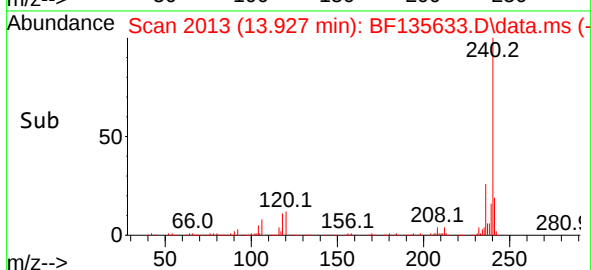
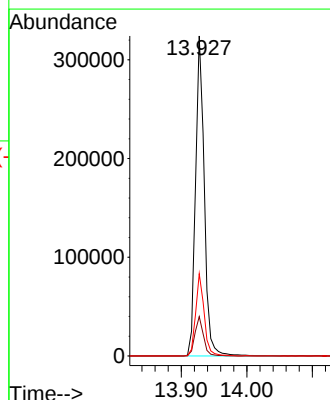
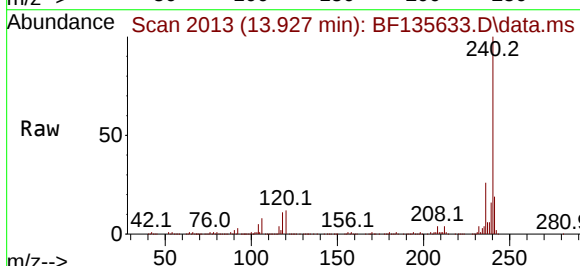
Tgt Ion:240 Resp: 301879

Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

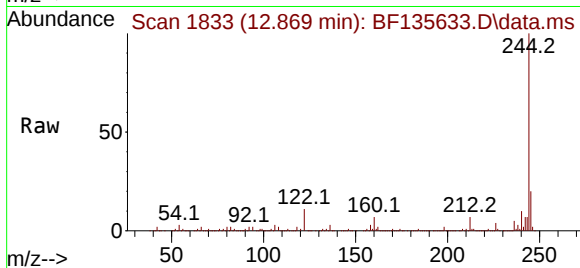
236 25.7 19.8 29.8



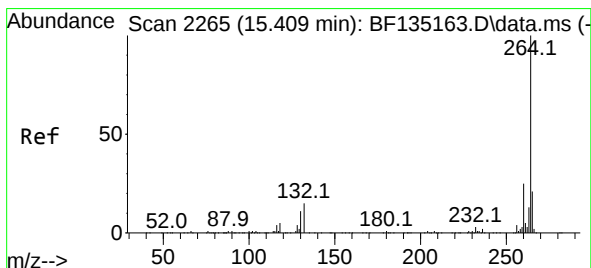
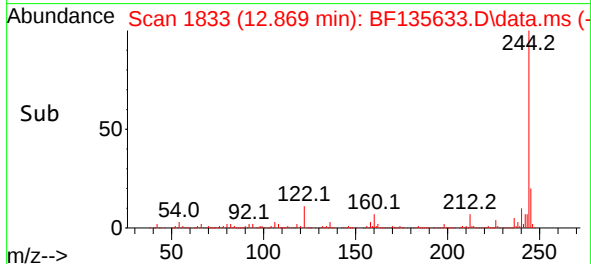
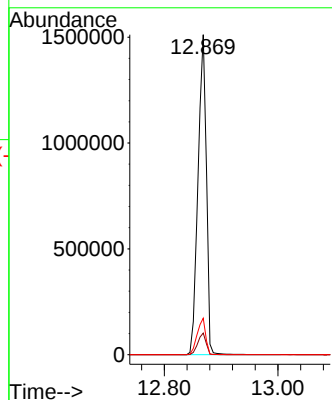


#79
 Terphenyl-d14
 Concen: 79.987 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135633.D
 Acq: 06 Oct 2023 17:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-1



Tgt Ion:244 Resp: 1557635
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF135633.D
 Acq: 06 Oct 2023 17:21

Tgt Ion:264 Resp: 254800
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.0 17.0 25.4

