

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135809.D
 Acq On : 17 Oct 2023 13:35
 Operator : CG\JU
 Sample : 04740-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW4

Quant Time: Oct 18 01:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	69526	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	254542	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	119358	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	213368	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	159621	20.000	ng	-0.02
86) Perylene-d12	15.410	264	148287	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	299830	69.334	ng	0.00
7) Phenol-d6	6.393	99	205669	38.117	ng	0.00
23) Nitrobenzene-d5	7.304	82	499066	107.834	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	192411	167.995	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	892788	116.949	ng	-0.01
79) Terphenyl-d14	12.869	244	857249	99.457	ng	-0.01

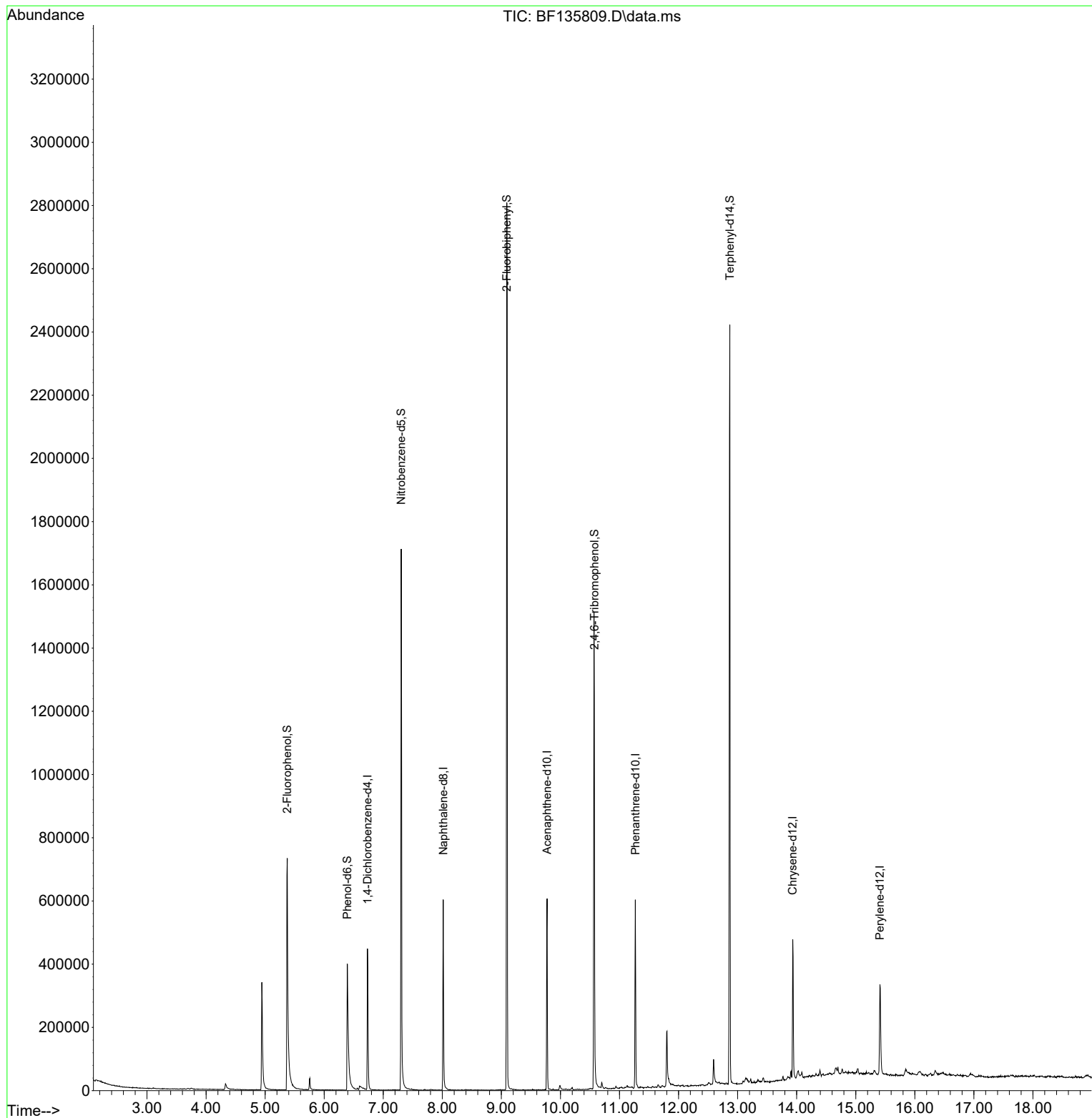
Target Compounds	Qvalue

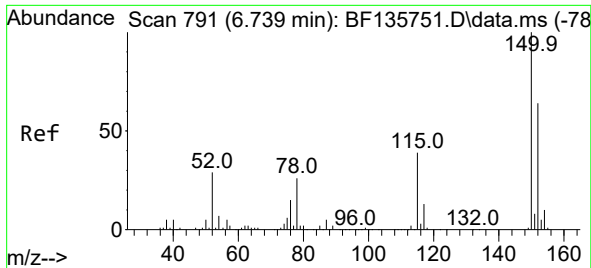
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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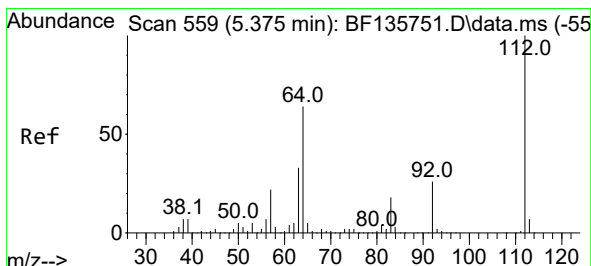
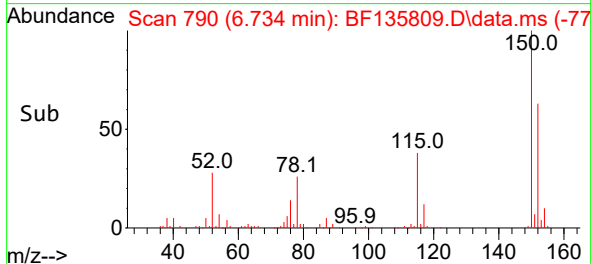
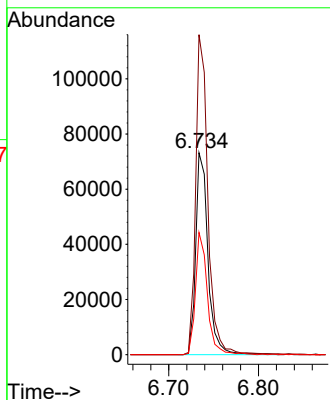
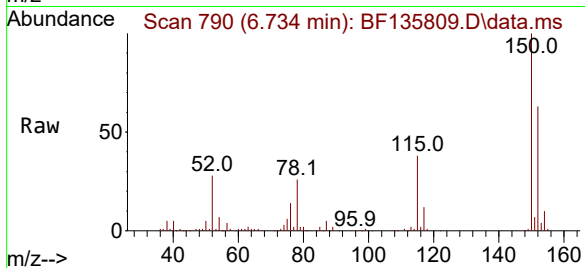




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

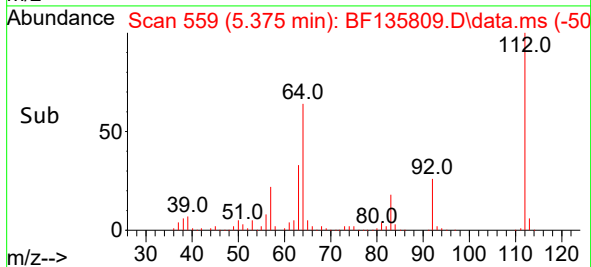
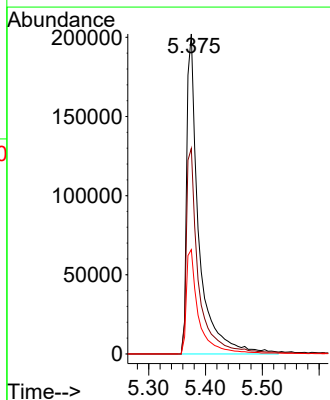
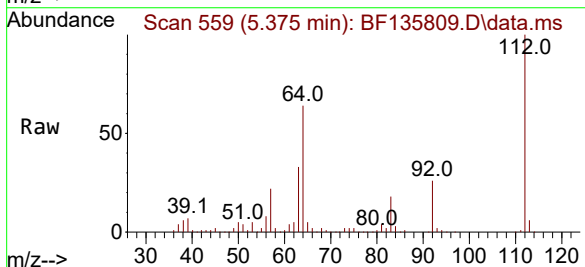
Instrument :
BNA_F
ClientSampleId :
RW4

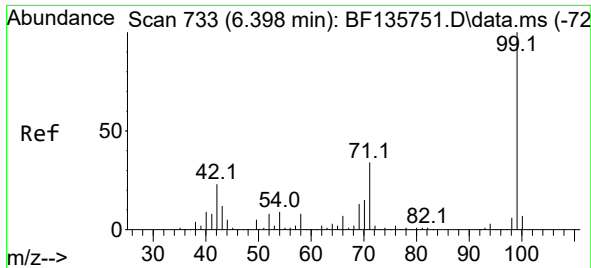
Tgt Ion:152 Resp: 69526
Ion Ratio Lower Upper
152 100
150 158.5 124.5 186.7
115 60.6 49.0 73.4



#5
2-Fluorophenol
Concen: 69.334 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

Tgt Ion:112 Resp: 299830
Ion Ratio Lower Upper
112 100
64 64.2 51.2 76.8
63 32.6 26.1 39.1

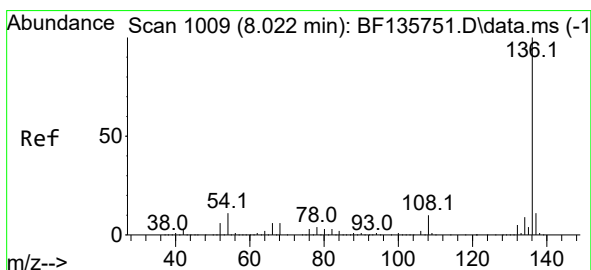
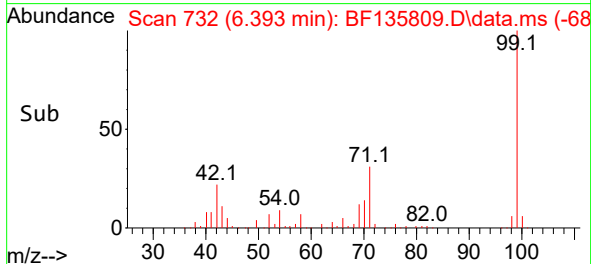
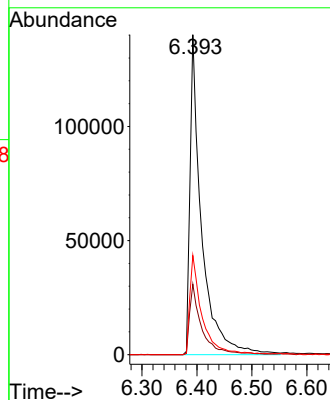
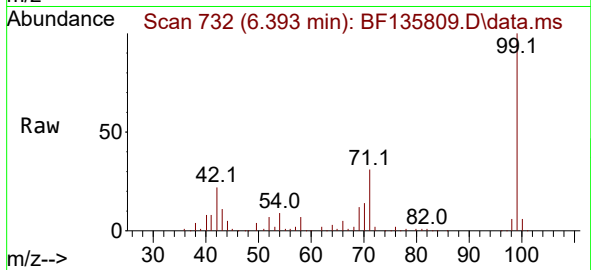




#7
Phenol-d6
Concen: 38.117 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

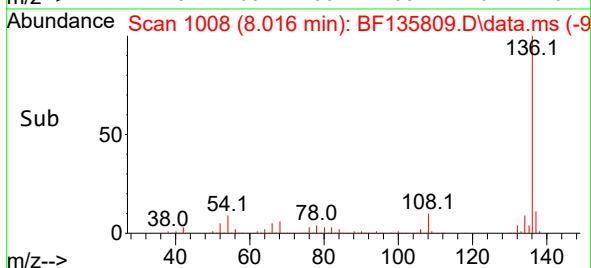
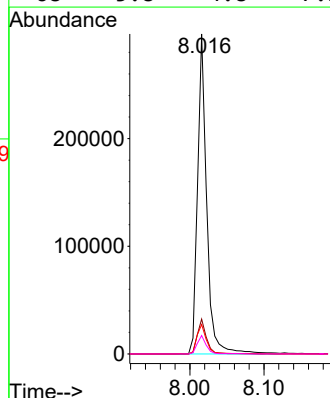
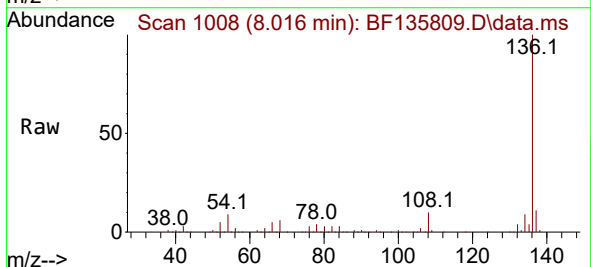
Instrument :
BNA_F
ClientSampleId :
RW4

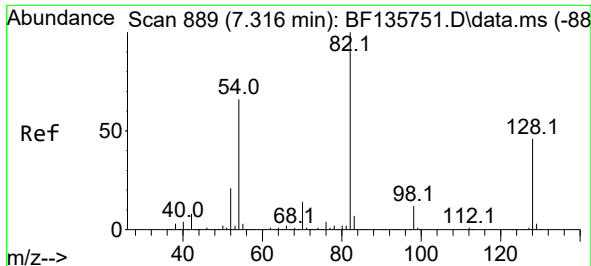
Tgt Ion: 99 Resp: 205669
Ion Ratio Lower Upper
99 100
42 22.0 18.4 27.6
71 31.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 136 Resp: 254542
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.2 8.5 12.7
68 5.8 4.8 7.2

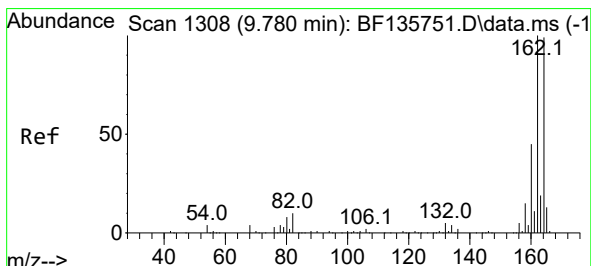
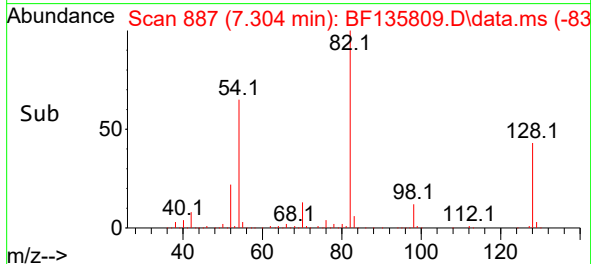
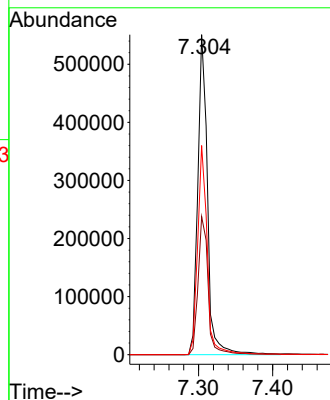
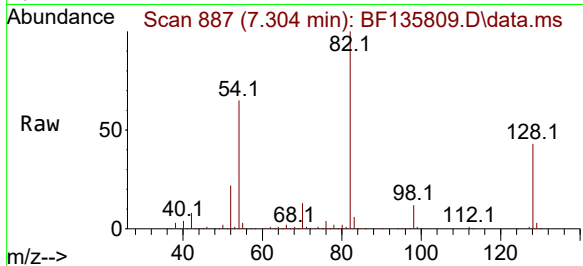




#23
Nitrobenzene-d5
Concen: 107.834 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

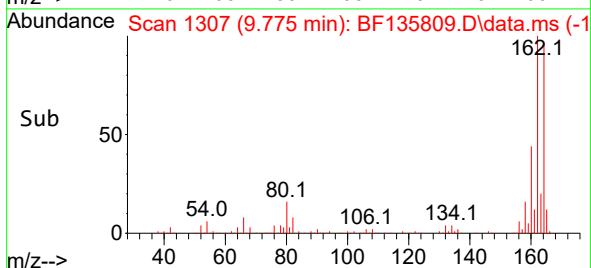
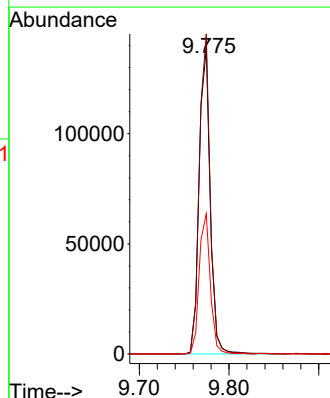
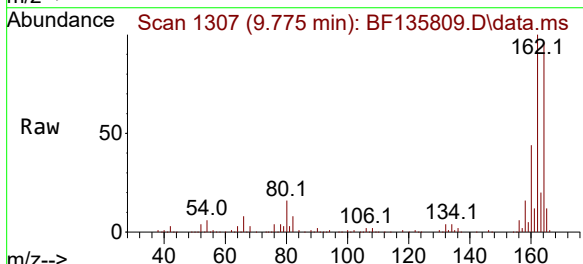
Instrument :
BNA_F
ClientSampleId :
RW4

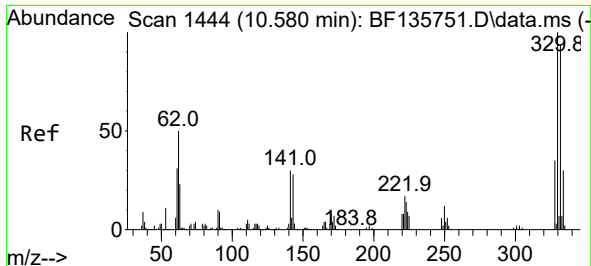
Tgt Ion: 82 Resp: 499066
Ion Ratio Lower Upper
82 100
128 43.2 37.0 55.6
54 65.4 52.8 79.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

Tgt Ion:164 Resp: 119358
Ion Ratio Lower Upper
164 100
162 104.7 80.8 121.2
160 45.9 36.6 54.8

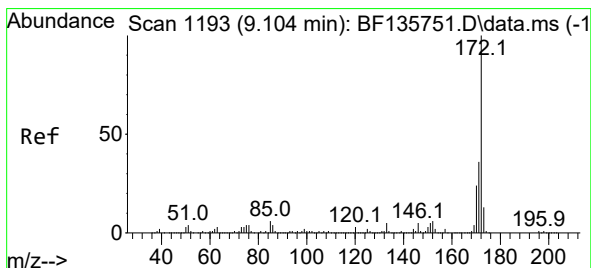
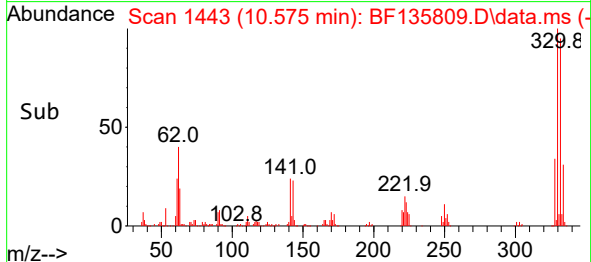
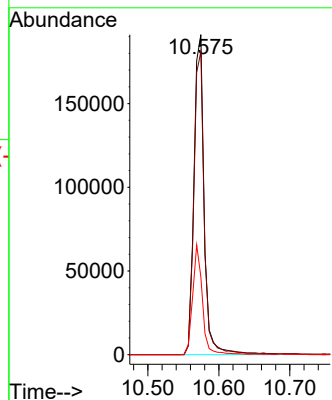
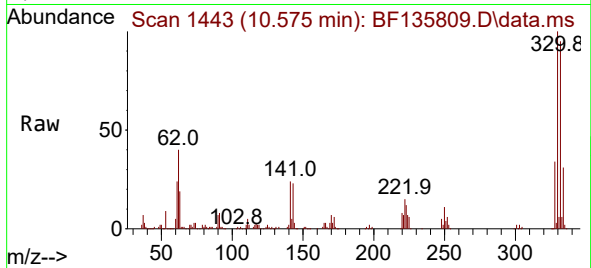




#42
 2,4,6-Tribromophenol
 Concen: 167.995 ng
 RT: 10.575 min Scan# 1444
 Delta R.T. -0.012 min
 Lab File: BF135809.D
 Acq: 17 Oct 2023 13:35

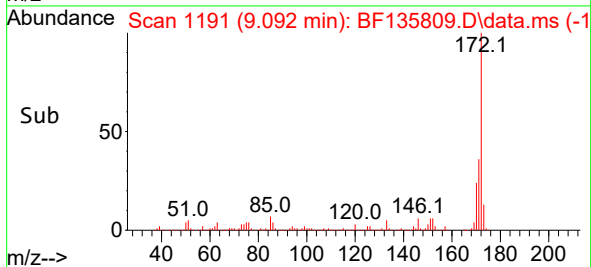
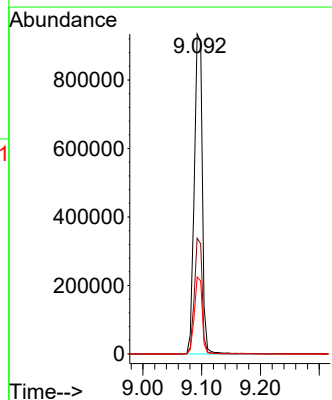
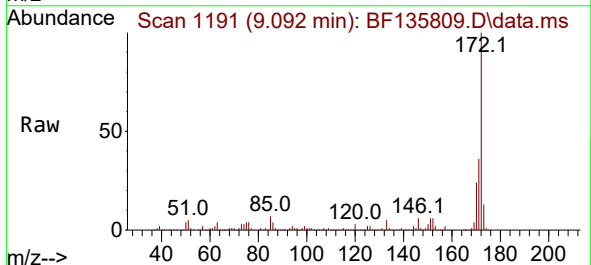
Instrument :
 BNA_F
 ClientSampleId :
 RW4

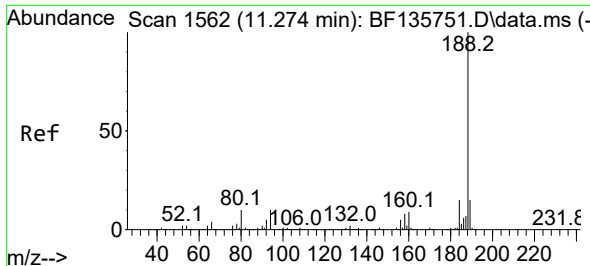
Tgt Ion: 330 Resp: 192411
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.0 112.4
 141 32.6 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 116.949 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.012 min
 Lab File: BF135809.D
 Acq: 17 Oct 2023 13:35

Tgt Ion: 172 Resp: 892788
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.4 42.6
 170 24.1 18.8 28.2

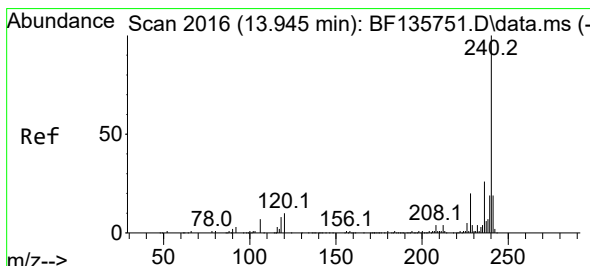
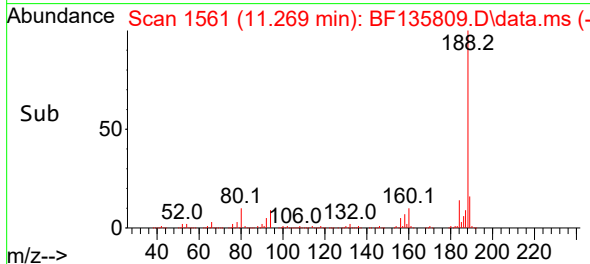
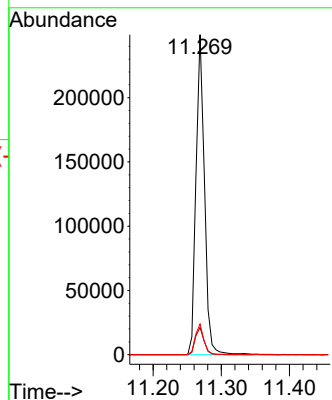
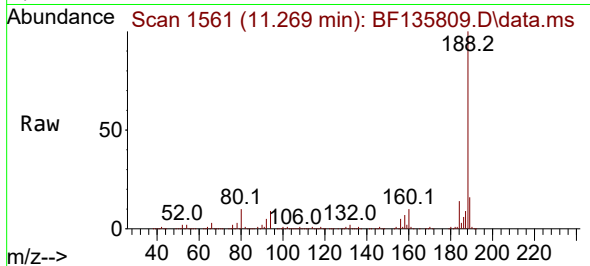




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

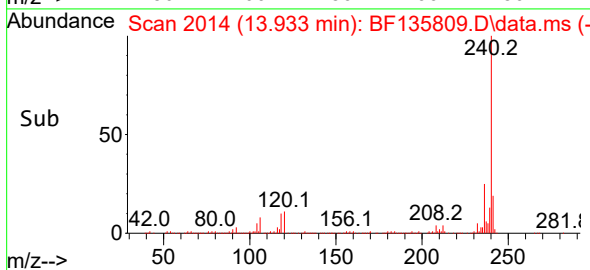
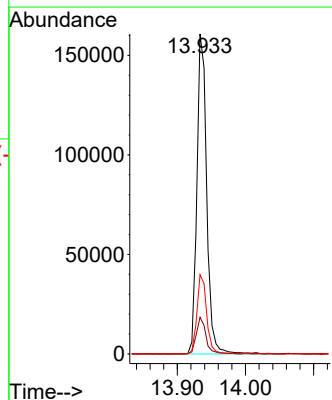
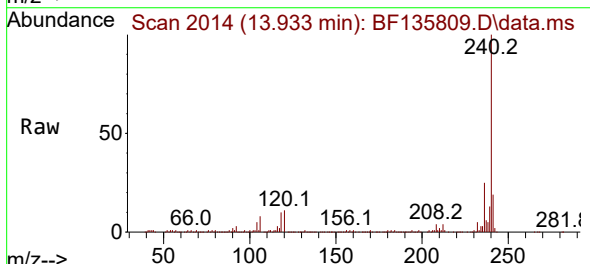
Instrument :
BNA_F
ClientSampleId :
RW4

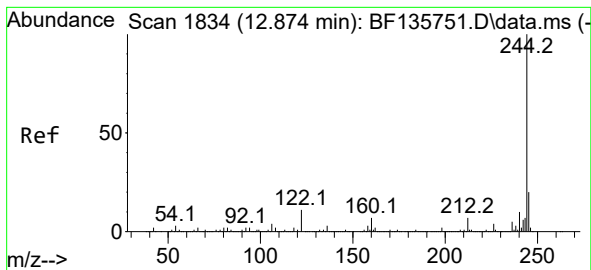
Tgt Ion:188 Resp: 213368
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.6 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135809.D
Acq: 17 Oct 2023 13:35

Tgt Ion:240 Resp: 159621
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.2
236 24.8 21.2 31.8





#79

Terphenyl-d14

Concen: 99.457 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135809.D

Acq: 17 Oct 2023 13:35

Instrument :

BNA_F

ClientSampleId :

RW4

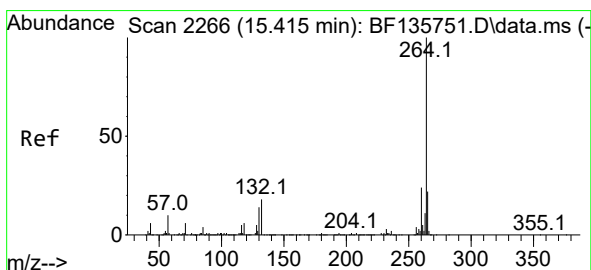
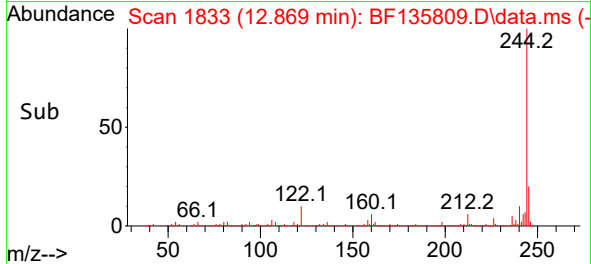
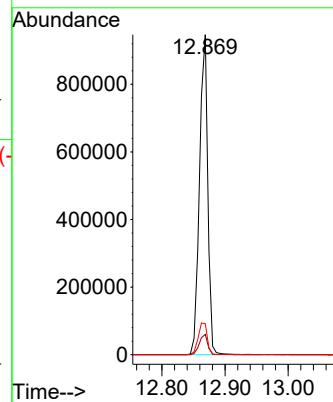
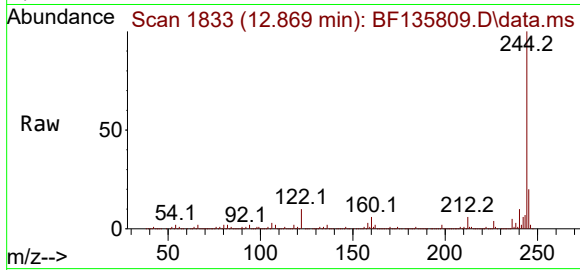
Tgt Ion:244 Resp: 857249

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 9.7 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135809.D

Acq: 17 Oct 2023 13:35

Tgt Ion:264 Resp: 148287

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.4 26.2

