

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130434.D
 Acq On : 27 Sep 2022 20:22
 Operator : CG\JU
 Sample : N4764-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R2

Quant Time: Sep 28 03:02:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	90042	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	332454	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	146291	20.000	ng	0.00
64) Phenanthrene-d10	11.151	188	210385	20.000	ng	0.00
76) Chrysene-d12	13.780	240	194512	20.000	ng	-0.01
86) Perylene-d12	15.174	264	203945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	581515	112.016	ng	0.00
7) Phenol-d6	6.287	99	702845	108.204	ng	0.00
23) Nitrobenzene-d5	7.210	82	435371	66.904	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	151222	107.881	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	770544	76.700	ng	0.00
79) Terphenyl-d14	12.739	244	653141	55.622	ng	0.00

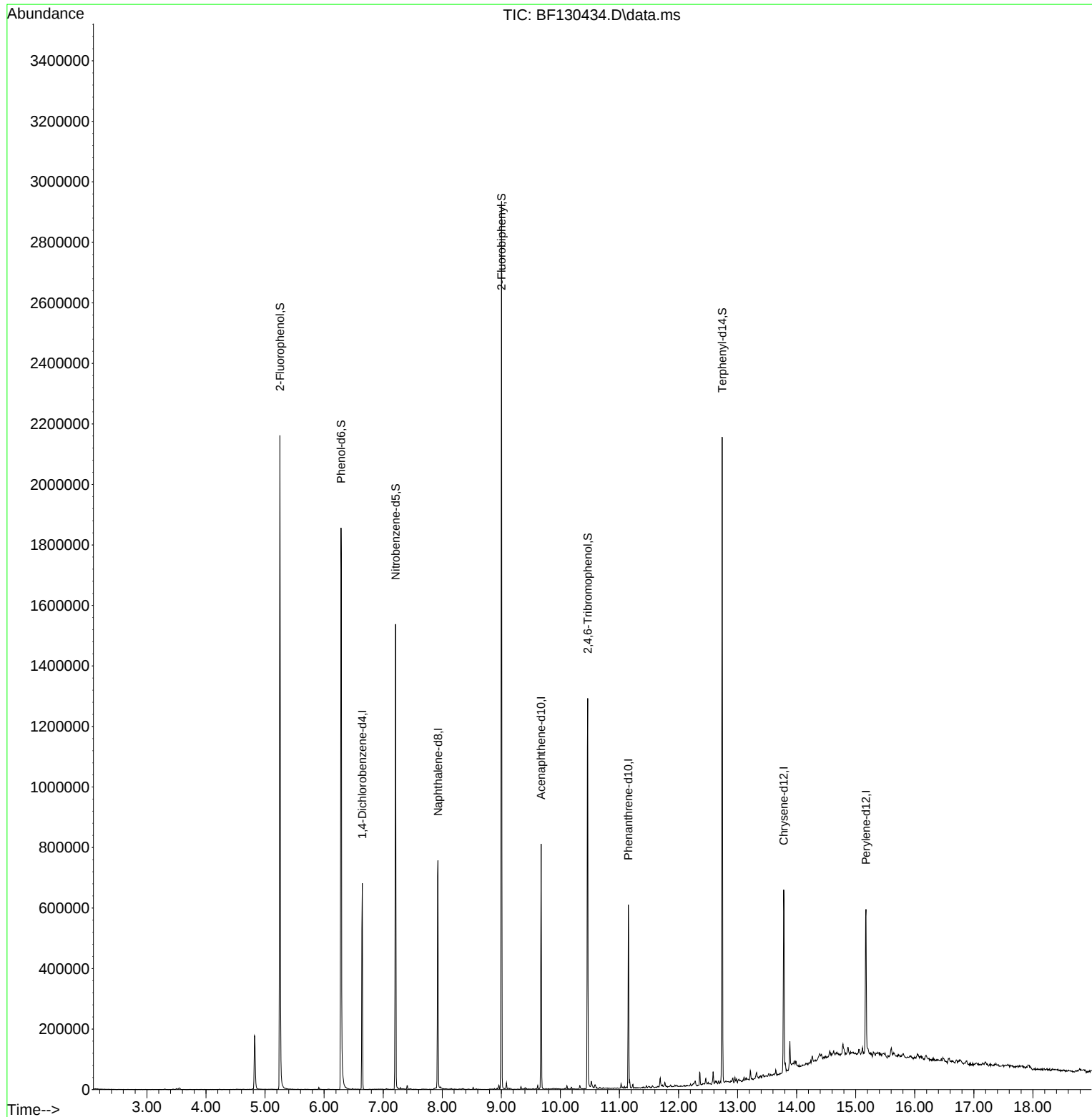
Target Compounds	Qvalue

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

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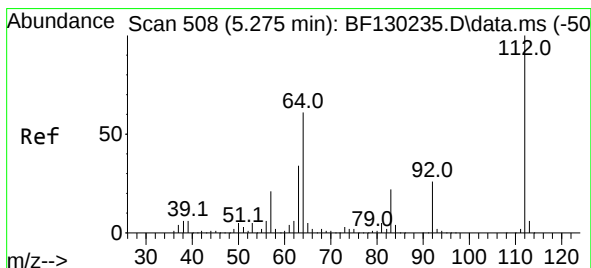
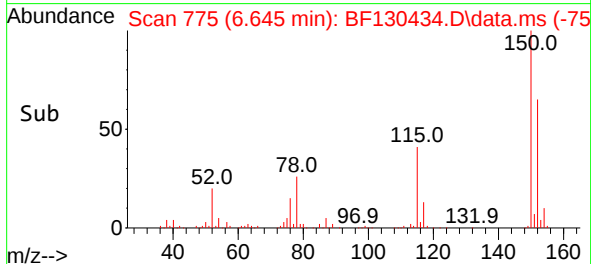
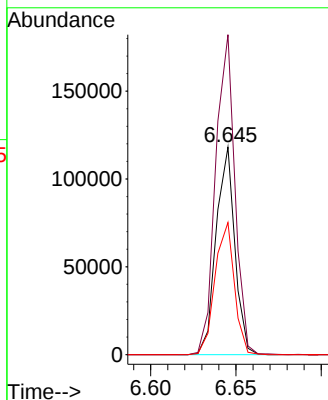
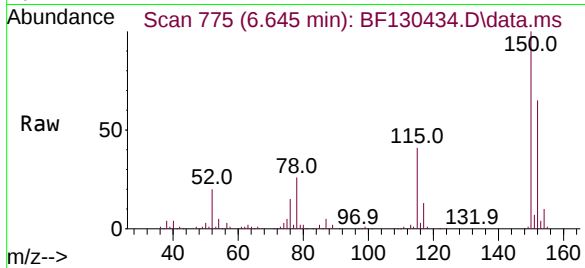




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

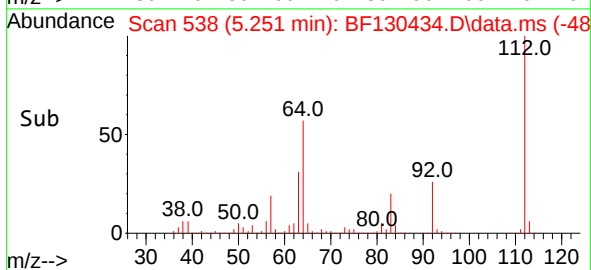
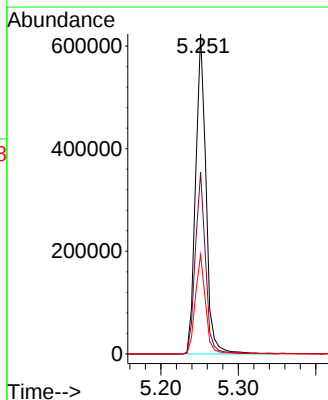
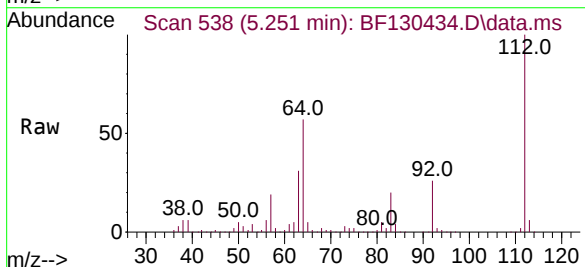
Instrument :
 BNA_F
 ClientSampleId :
 R2

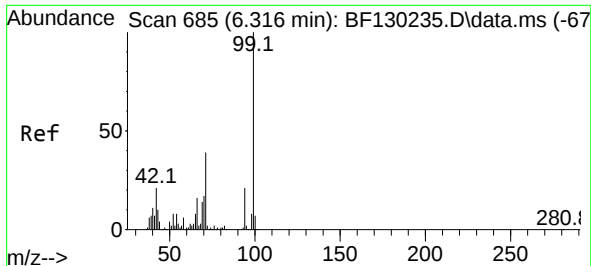
Tgt Ion:152 Resp: 90042
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.8 184.2
 115 63.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 112.016 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

Tgt Ion:112 Resp: 581515
 Ion Ratio Lower Upper
 112 100
 64 56.8 51.4 77.0
 63 31.0 28.8 43.2

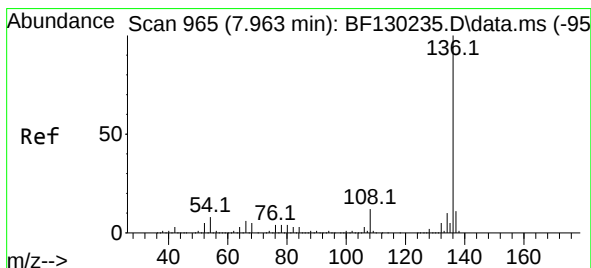
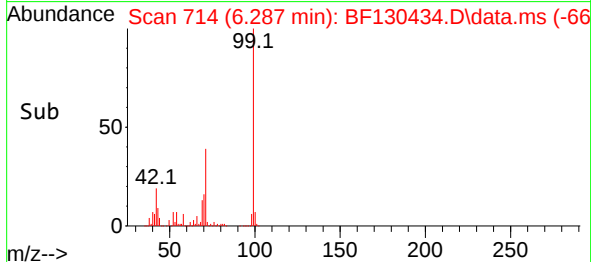
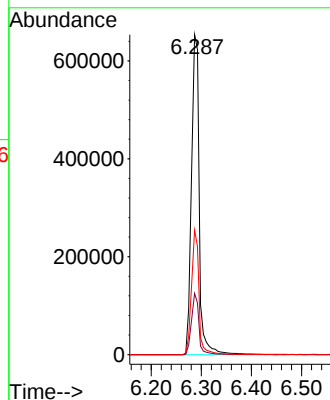
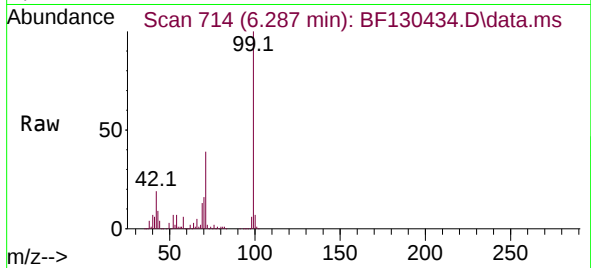




#7
Phenol-d6
Concen: 108.204 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

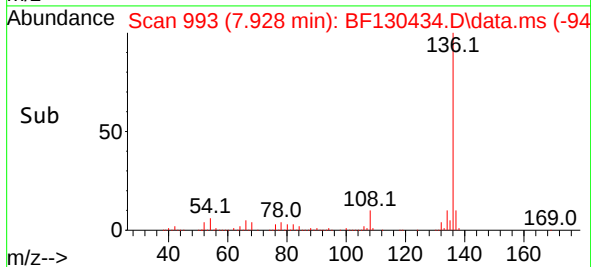
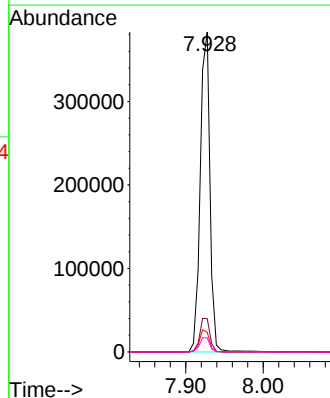
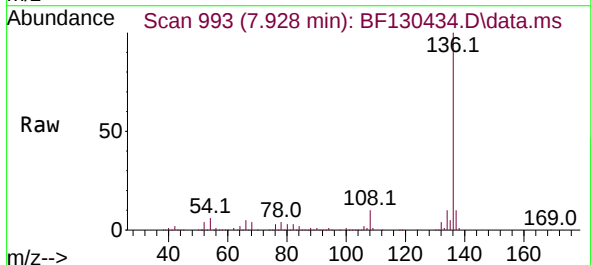
Instrument :
BNA_F
ClientSampleId :
R2

Tgt Ion: 99 Resp: 702845
Ion Ratio Lower Upper
99 100
42 19.1 17.0 25.6
71 38.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion: 136 Resp: 332454
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.1 7.1 10.7#
68 4.4 4.5 6.7#

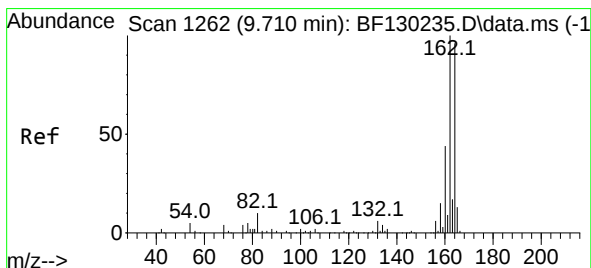
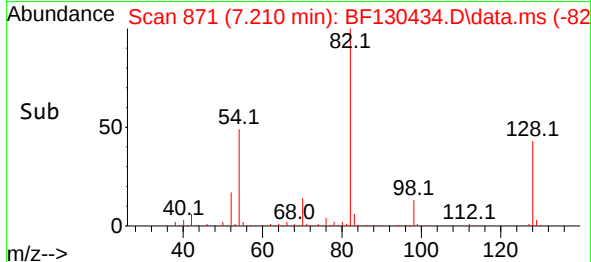
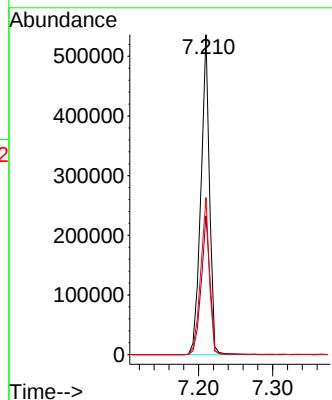
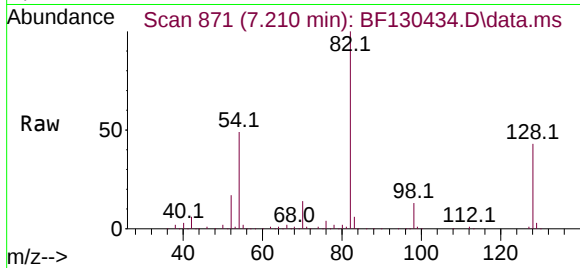




#23
Nitrobenzene-d5
Concen: 66.904 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

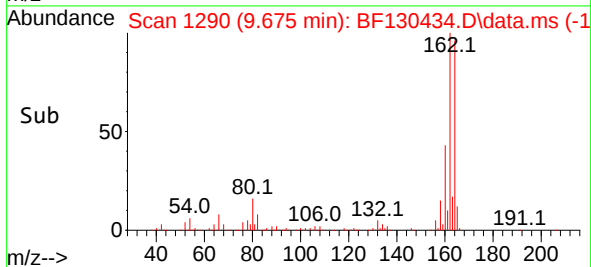
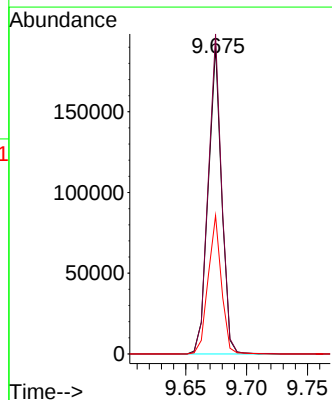
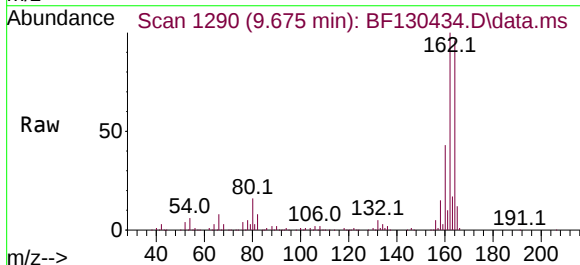
Instrument :
BNA_F
ClientSampleId :
R2

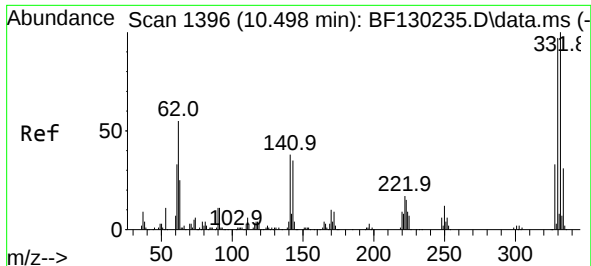
Tgt Ion: 82 Resp: 435371
Ion Ratio Lower Upper
82 100
128 43.4 32.6 49.0
54 49.1 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion:164 Resp: 146291
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 45.0 36.2 54.4

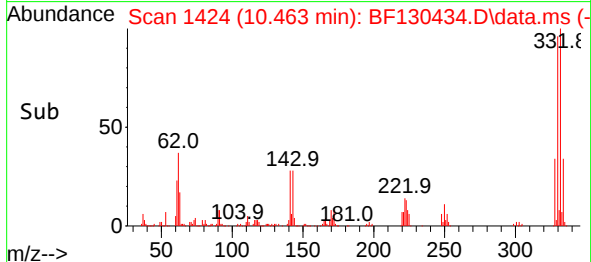
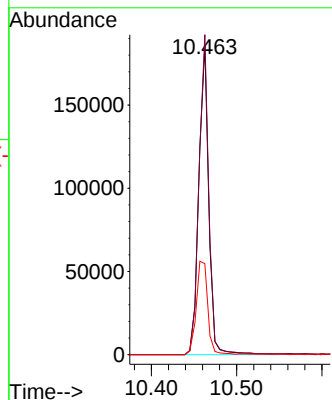
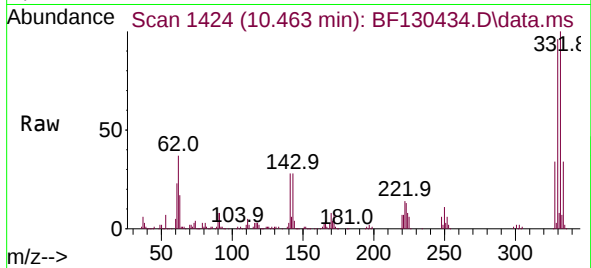




#42
2,4,6-Tribromophenol
Concen: 107.881 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

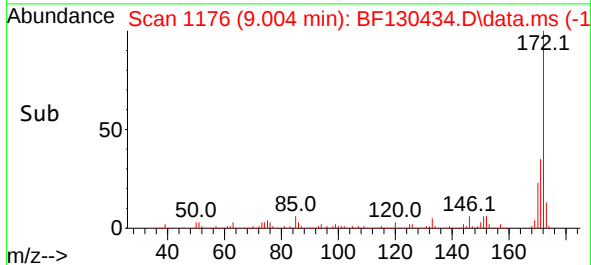
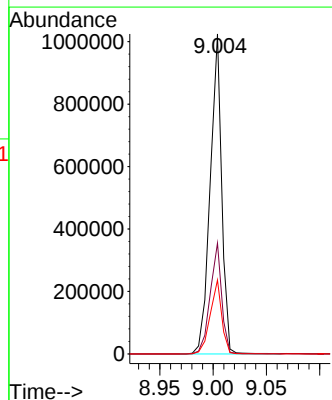
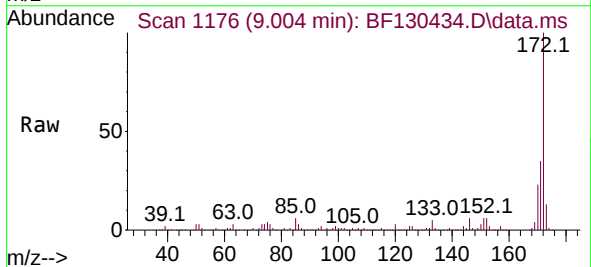
Instrument :
BNA_F
ClientSampleId :
R2

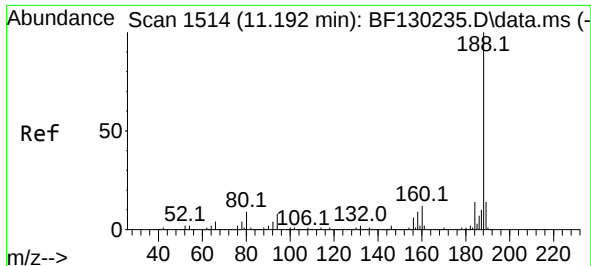
Tgt Ion:330 Resp: 151222
Ion Ratio Lower Upper
330 100
332 102.0 83.4 125.2
141 34.5 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 76.700 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion:172 Resp: 770544
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.1 18.7 28.1

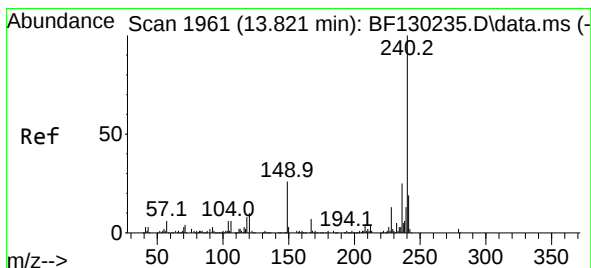
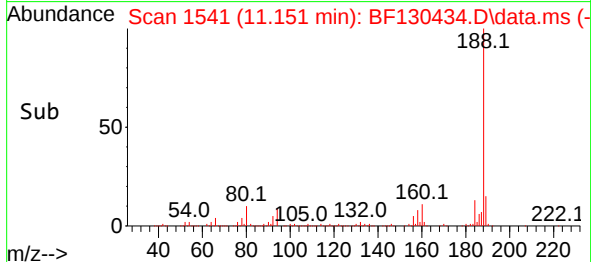
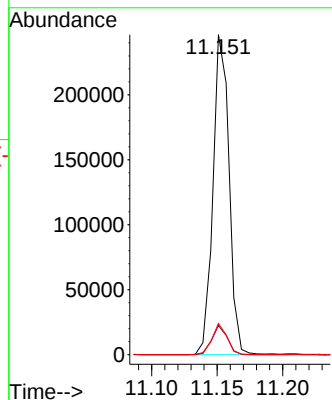
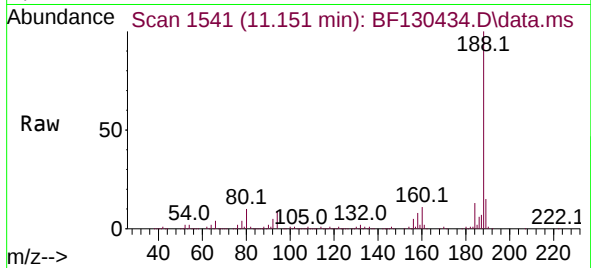




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

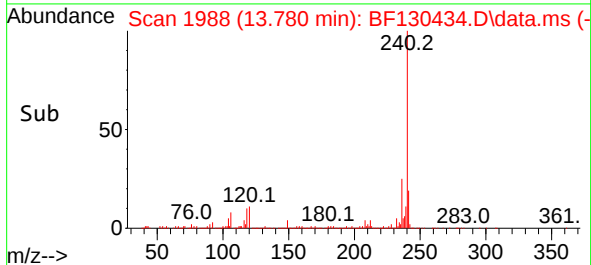
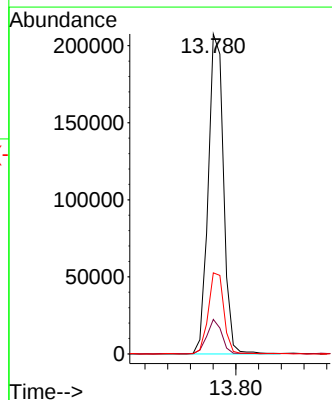
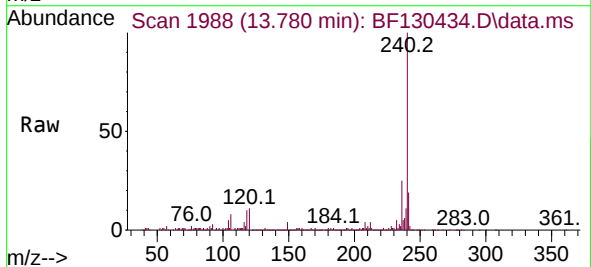
Instrument :
BNA_F
ClientSampleId :
R2

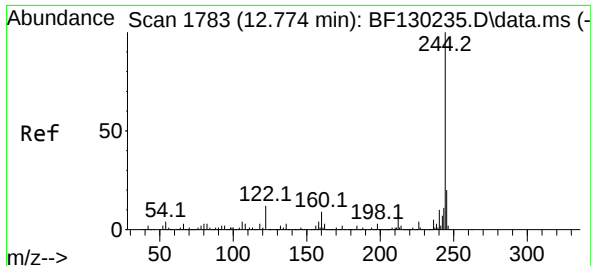
Tgt Ion:188 Resp: 210385
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130434.D
Acq: 27 Sep 2022 20:22

Tgt Ion:240 Resp: 194512
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 25.4 20.9 31.3

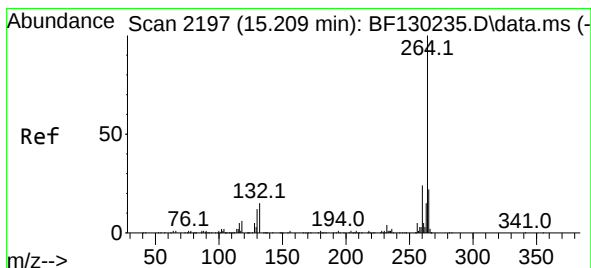
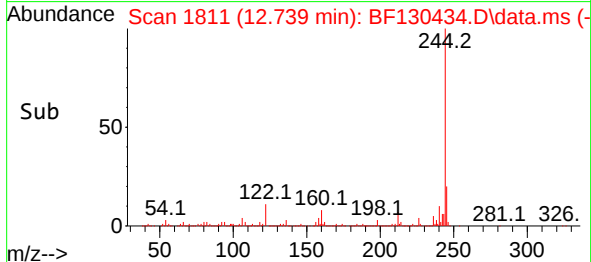
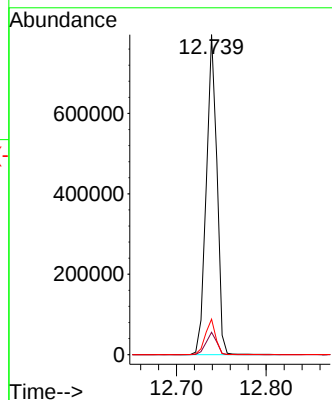
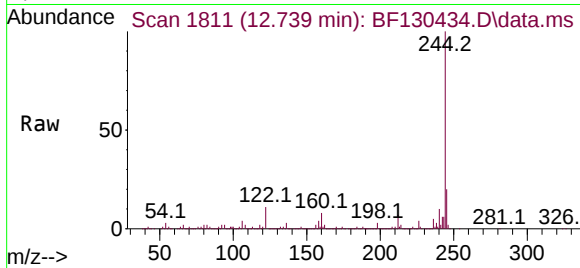




#79
 Terphenyl-d14
 Concen: 55.622 ng
 RT: 12.739 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

Instrument :
 BNA_F
 ClientSampleId :
 R2

Tgt Ion:244 Resp: 653141
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. -0.000 min
 Lab File: BF130434.D
 Acq: 27 Sep 2022 20:22

Tgt Ion:264 Resp: 203945
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 20.3 17.0 25.4

