

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134991.D
 Acq On : 29 Aug 2023 19:09
 Operator : CG\JU
 Sample : 04122-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLY-ASH

Quant Time: Aug 29 22:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	112904	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	451246	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	235273	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	433528	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	238676	20.000	ng	-0.02
86) Perylene-d12	15.433	264	258305	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	967655	136.671	ng	0.01
7) Phenol-d6	6.428	99	1121046	123.912	ng	-0.01
23) Nitrobenzene-d5	7.345	82	826445	100.921	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	411729	148.589	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1493489	98.132	ng	-0.01
79) Terphenyl-d14	12.910	244	1588344	91.530	ng	-0.01

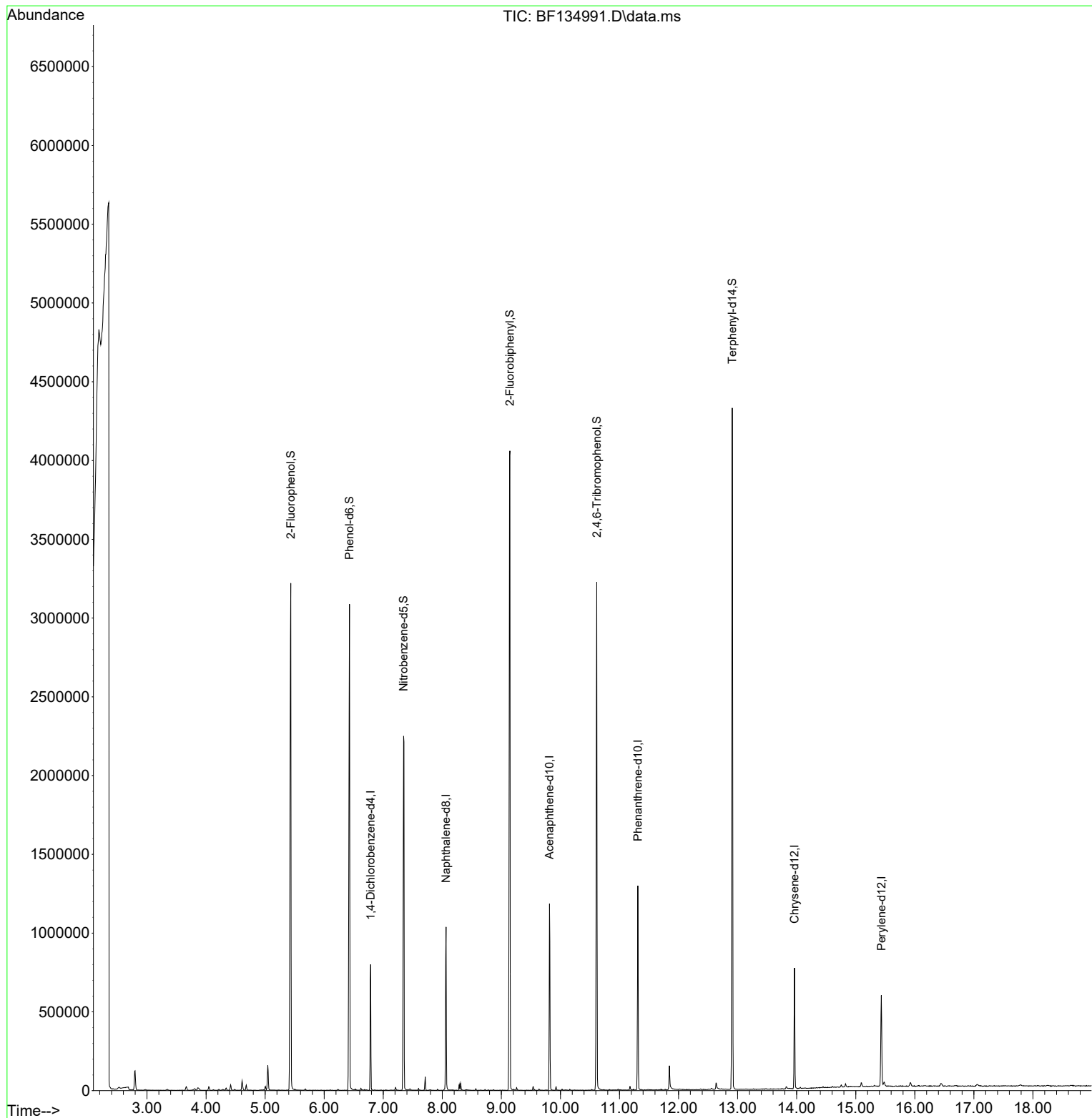
Target Compounds	Qvalue

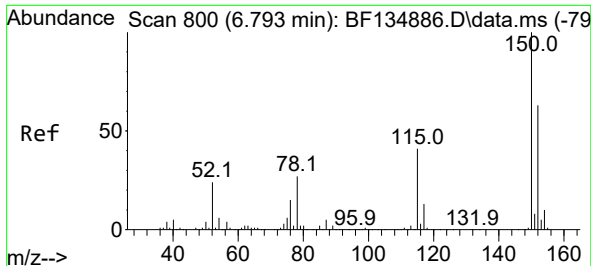
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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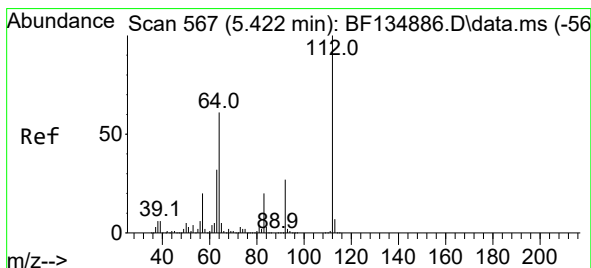
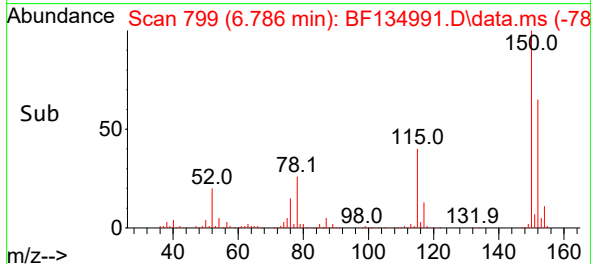
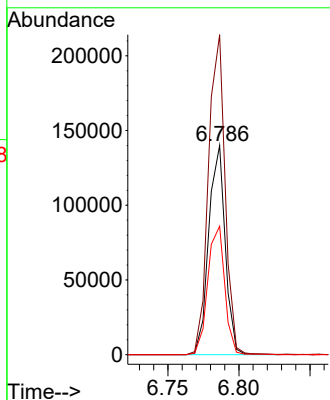
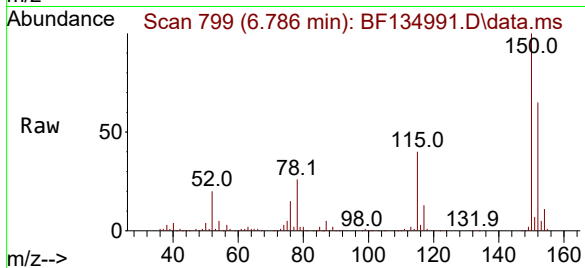




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BF134991.D
 Acq: 29 Aug 2023 19:09

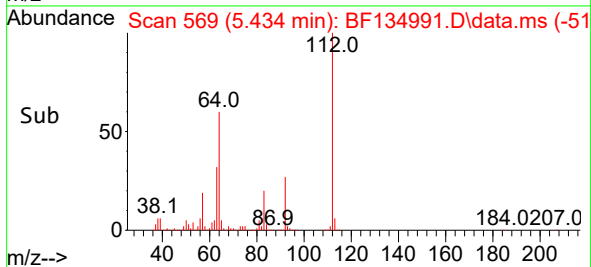
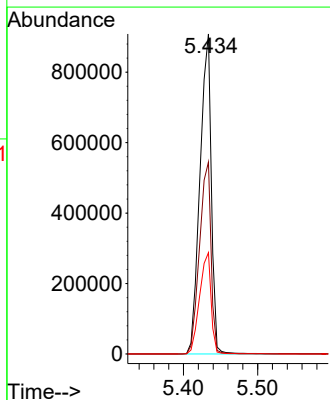
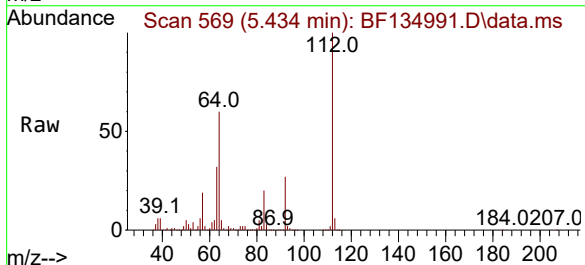
Instrument :
 BNA_F
 ClientSampleId :
 FLY-ASH

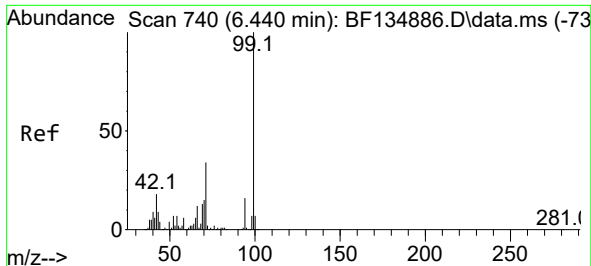
Tgt Ion:152 Resp: 112904
 Ion Ratio Lower Upper
 152 100
 150 152.9 126.1 189.1
 115 61.4 51.1 76.7



#5
 2-Fluorophenol
 Concen: 136.671 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF134991.D
 Acq: 29 Aug 2023 19:09

Tgt Ion:112 Resp: 967655
 Ion Ratio Lower Upper
 112 100
 64 60.0 48.6 73.0
 63 31.7 25.7 38.5

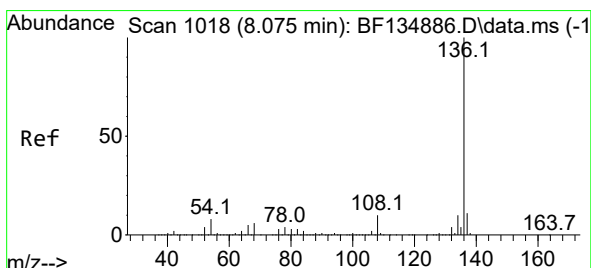
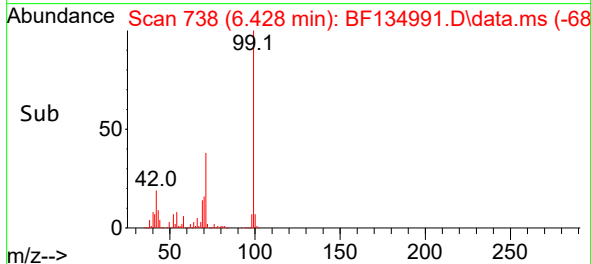
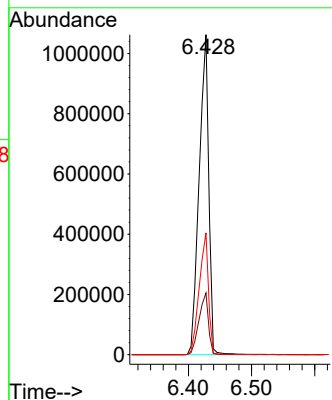
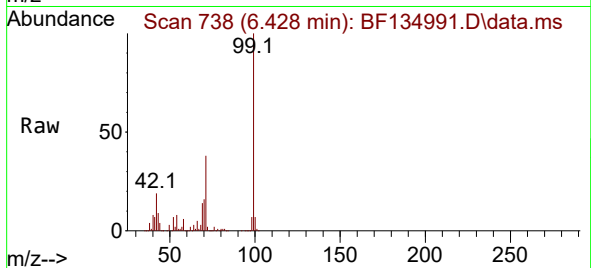




#7
Phenol-d6
Concen: 123.912 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134991.D
Acq: 29 Aug 2023 19:09

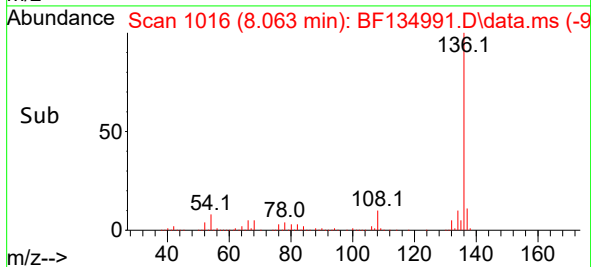
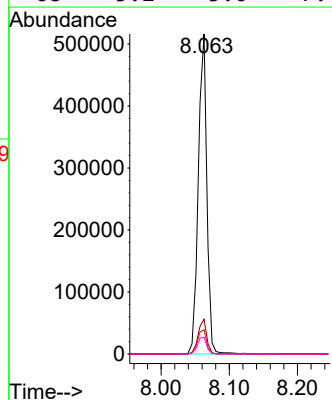
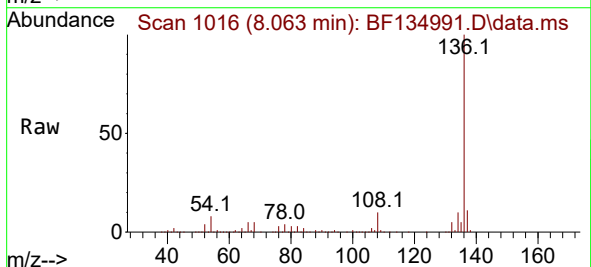
Instrument :
BNA_F
ClientSampleId :
FLY-ASH

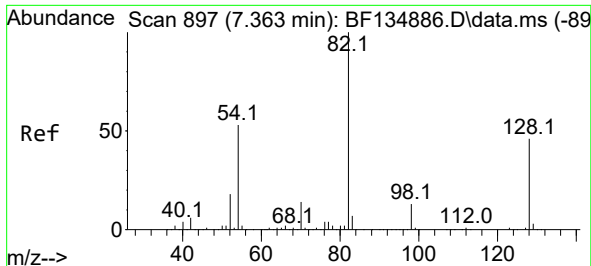
Tgt Ion: 99 Resp: 1121046
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 38.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134991.D
Acq: 29 Aug 2023 19:09

Tgt Ion:136 Resp: 451246
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.6 9.8
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.921 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF134991.D

Acq: 29 Aug 2023 19:09

Instrument :

BNA_F

ClientSampleId :

FLY-ASH

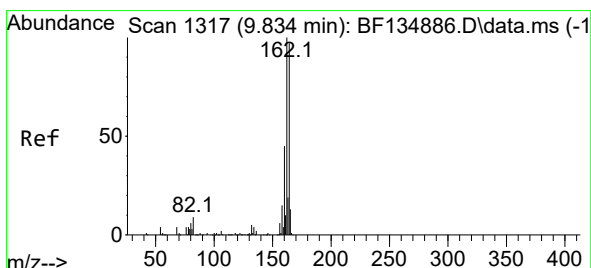
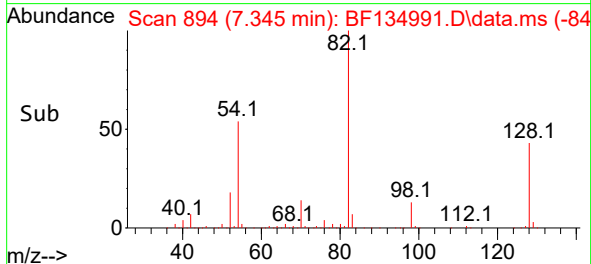
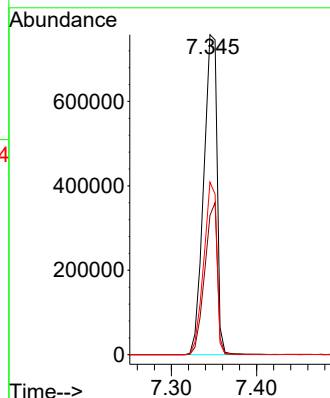
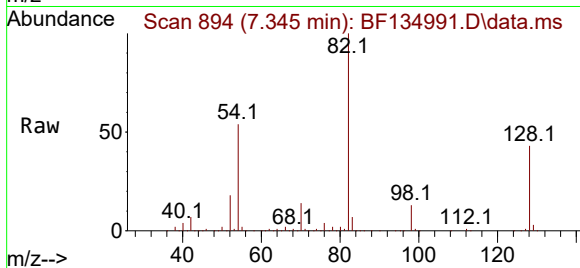
Tgt Ion: 82 Resp: 826445

Ion Ratio Lower Upper

82 100

128 43.5 36.6 54.8

54 53.9 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF134991.D

Acq: 29 Aug 2023 19:09

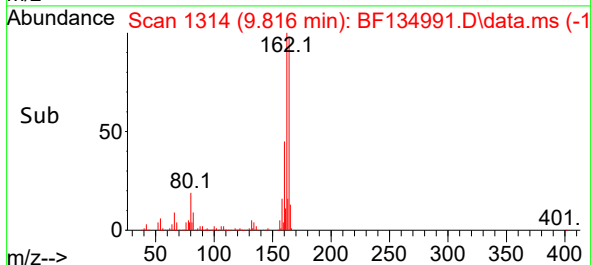
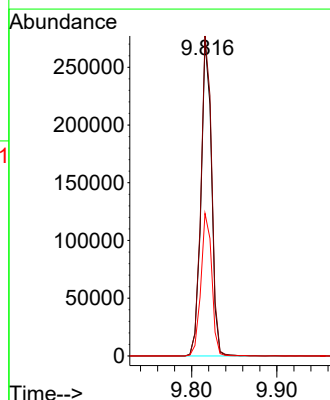
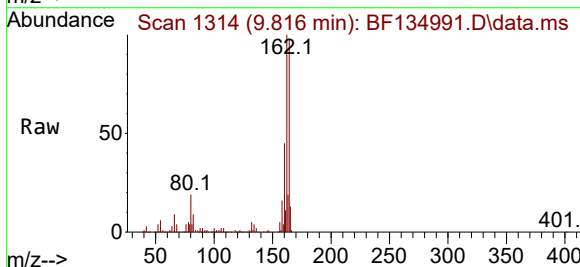
Tgt Ion:164 Resp: 235273

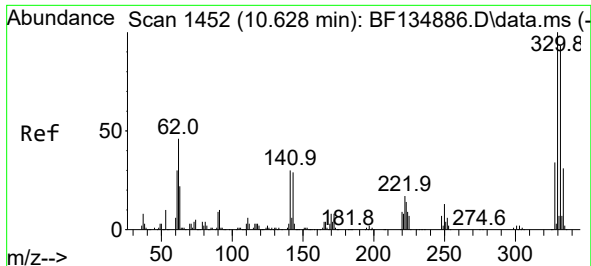
Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 45.3 37.0 55.4

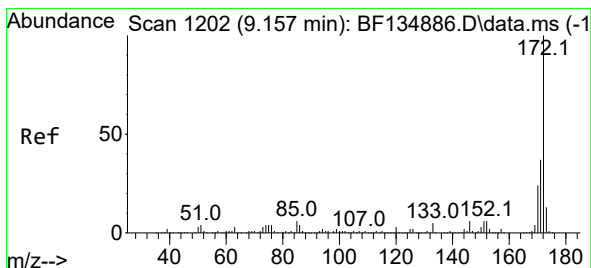
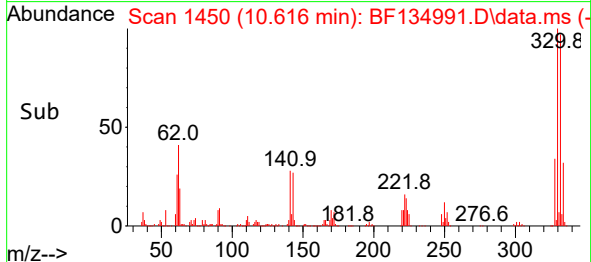
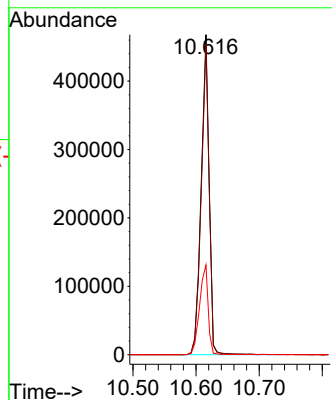
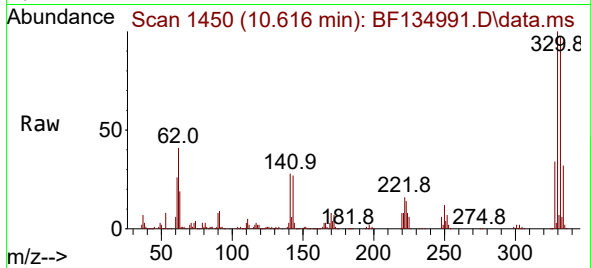




#42
2,4,6-Tribromophenol
Concen: 148.589 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134991.D
Acq: 29 Aug 2023 19:09

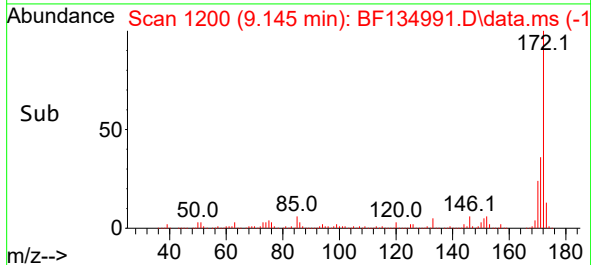
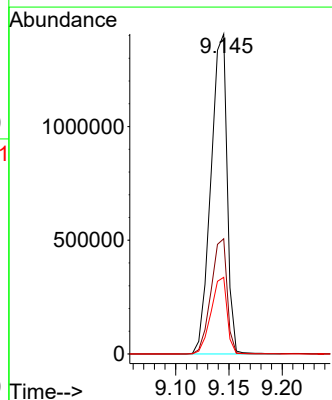
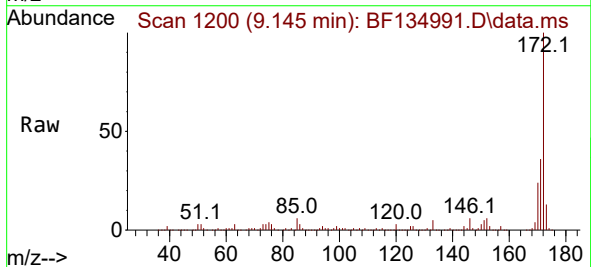
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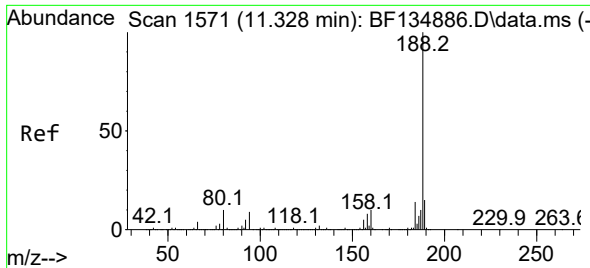
Tgt Ion:330 Resp: 411729
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 30.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 98.132 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134991.D
Acq: 29 Aug 2023 19:09

Tgt Ion:172 Resp: 1493489
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.9 19.6 29.4

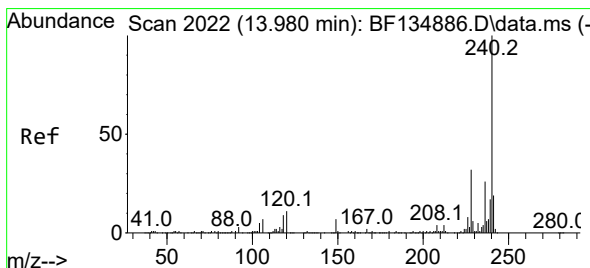
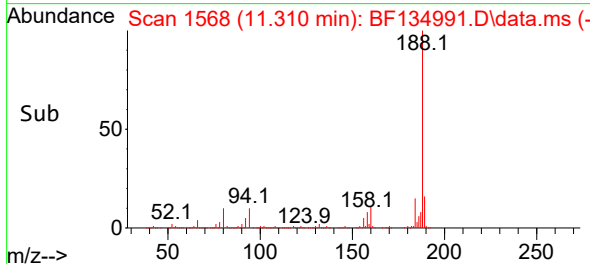
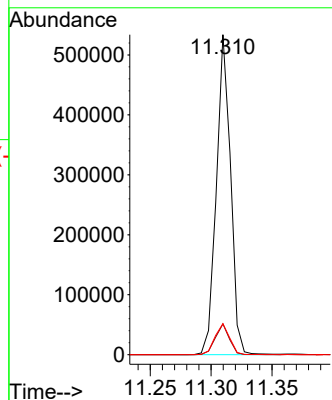
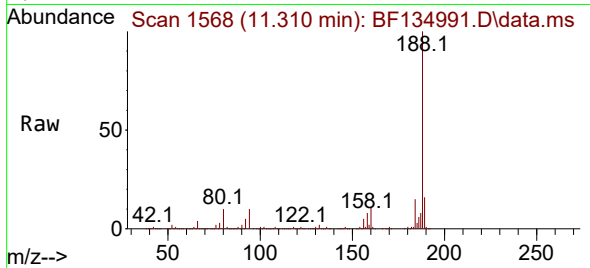




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134991.D
Acq: 29 Aug 2023 19:09

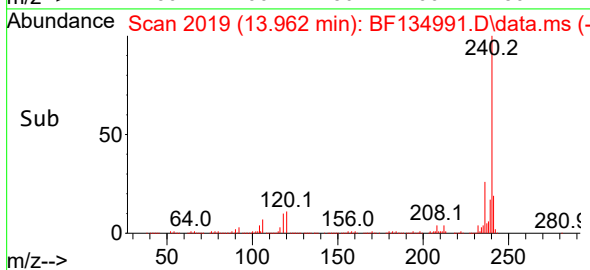
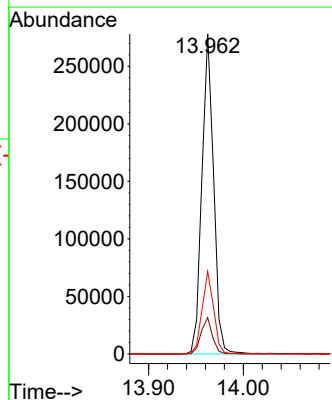
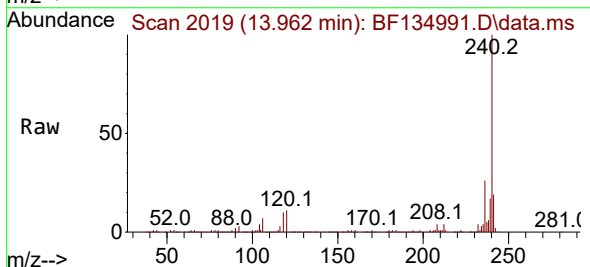
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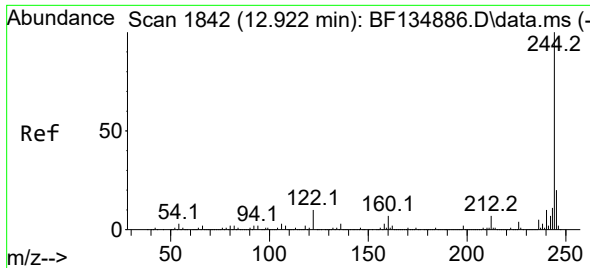
Tgt Ion:188 Resp: 433528
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.7 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134991.D
Acq: 29 Aug 2023 19:09

Tgt Ion:240 Resp: 238676
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.8 20.6 31.0

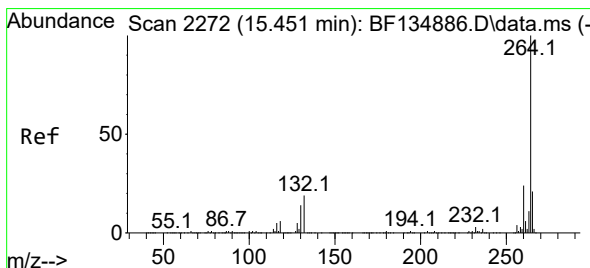
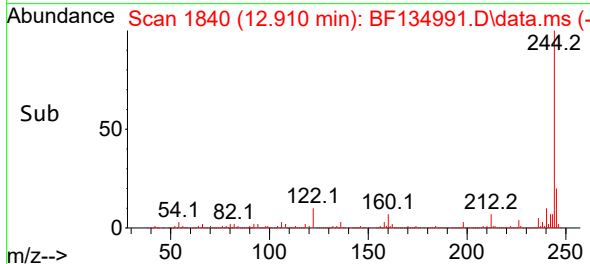
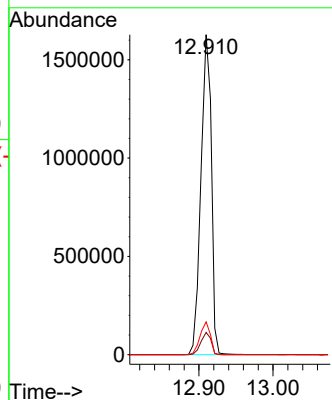
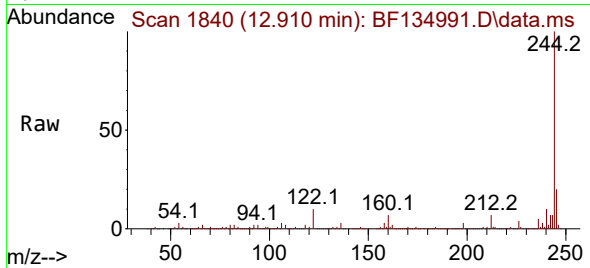




#79
 Terphenyl-d14
 Concen: 91.530 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134991.D
 Acq: 29 Aug 2023 19:09

Instrument :
 BNA_F
 ClientSampleId :
 FLY-ASH

Tgt Ion:244 Resp: 1588344
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.3 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.018 min
 Lab File: BF134991.D
 Acq: 29 Aug 2023 19:09

Tgt Ion:264 Resp: 258305
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 17.1 25.7

