

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135579.D
 Acq On : 04 Oct 2023 20:08
 Operator : CG\JU
 Sample : 04651-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMSD

Quant Time: Oct 04 23:27:48 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)

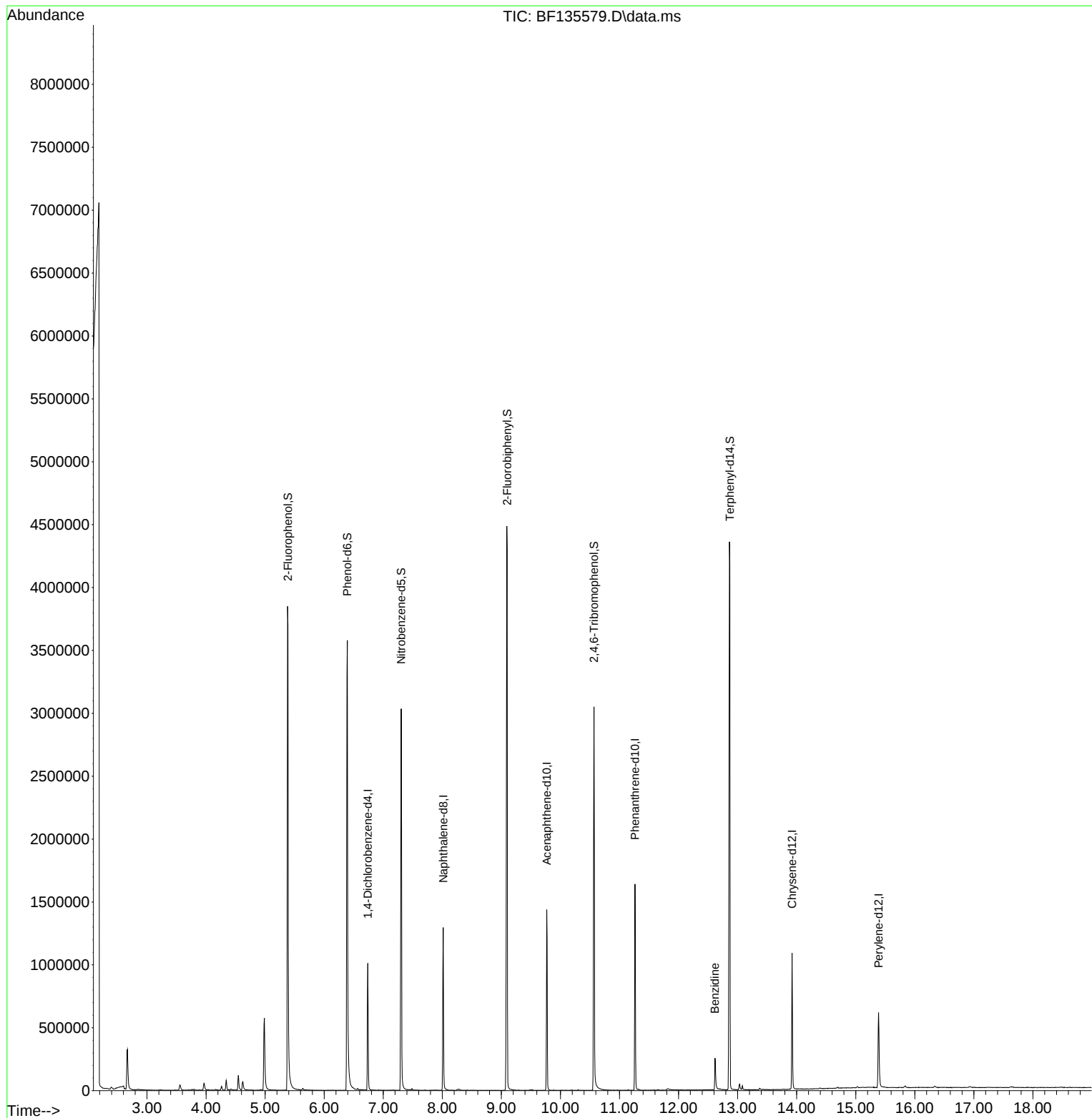
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	146260	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	580914	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	293127	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	584294	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	336129	20.000	ng	0.00
86) Perylene-d12	15.386	264	294168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1178718	131.076	ng	0.02
7) Phenol-d6	6.392	99	1396095	122.094	ng	0.00
23) Nitrobenzene-d5	7.304	82	1016763	95.092	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	388380	133.328	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1676635	86.296	ng	0.00
79) Terphenyl-d14	12.868	244	1874716	86.460	ng	0.00
Target Compounds						
77) Benzidine	12.616	184	133295	19.357	ng	Qvalue 98

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

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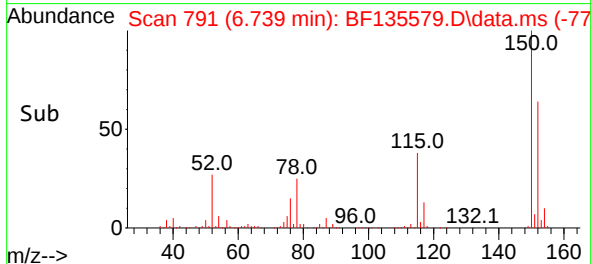
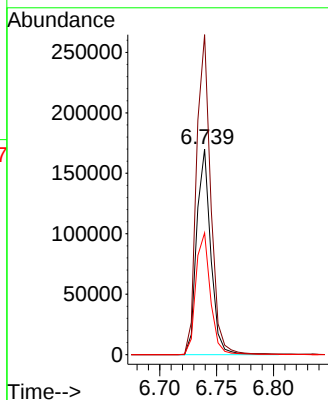
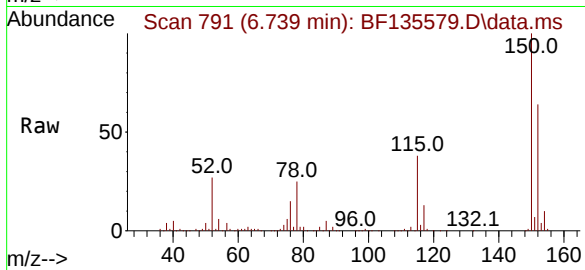




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

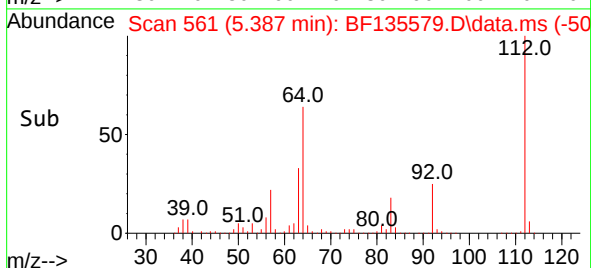
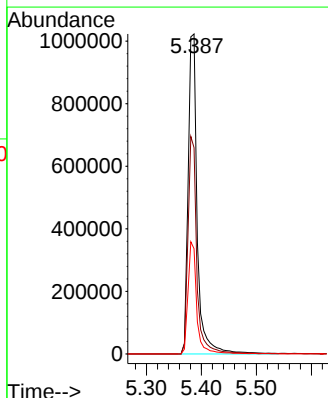
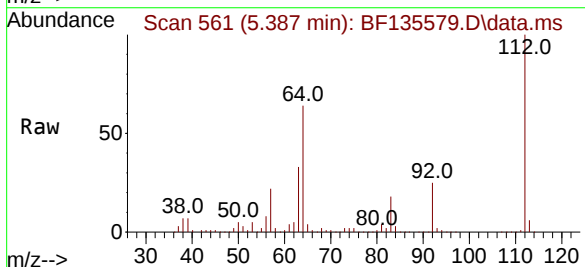
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

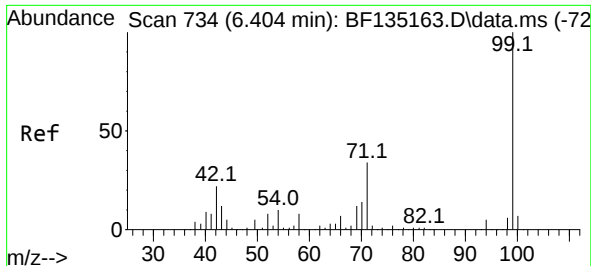
Tgt Ion:152 Resp: 146260
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 59.3 49.8 74.8



#5
2-Fluorophenol
Concen: 131.076 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

Tgt Ion:112 Resp: 1178718
Ion Ratio Lower Upper
112 100
64 64.5 55.9 83.9
63 32.9 29.0 43.6

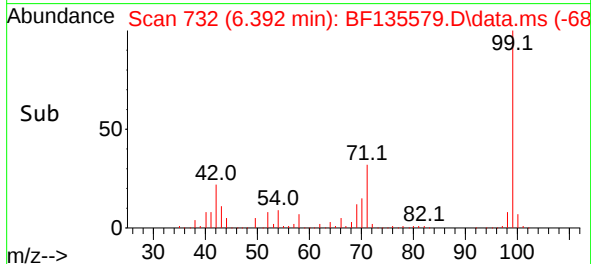
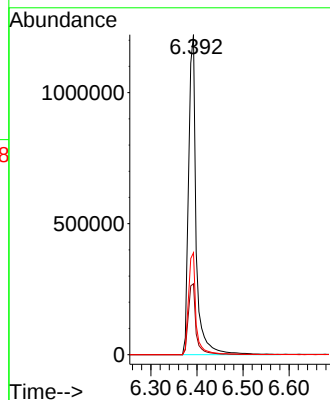
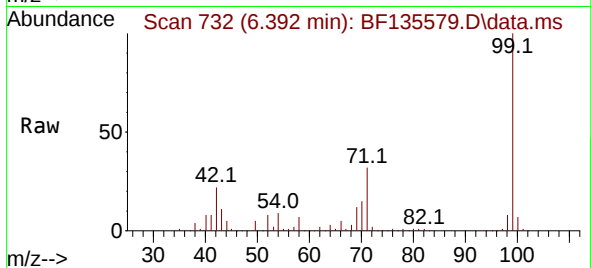




#7
Phenol-d6
Concen: 122.094 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

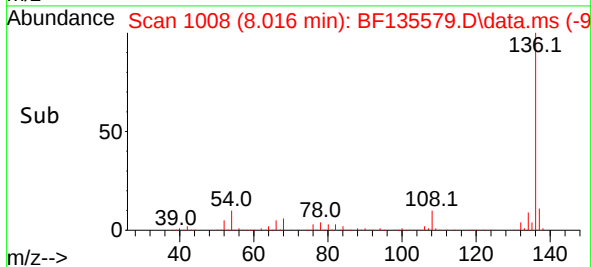
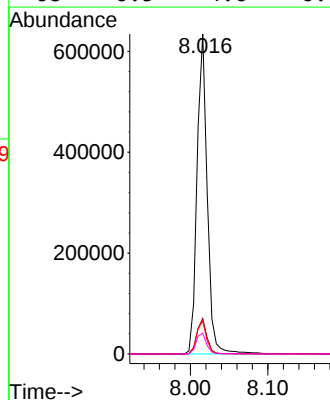
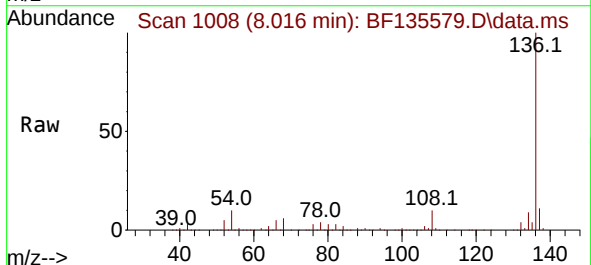
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

Tgt Ion: 99 Resp: 1396095
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.8 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: BF135579.D
Acq: 04 Oct 2023 20:08

Tgt Ion:136 Resp: 580914
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.2 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 95.092 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135579.D

Acq: 04 Oct 2023 20:08

Instrument :

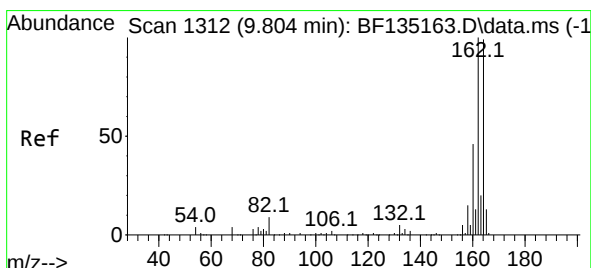
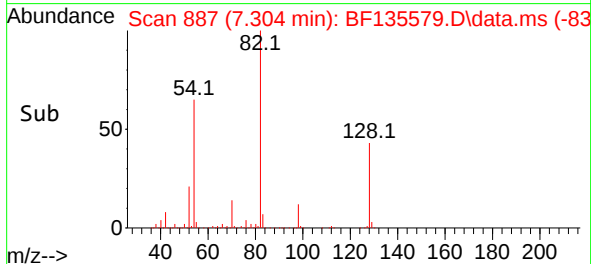
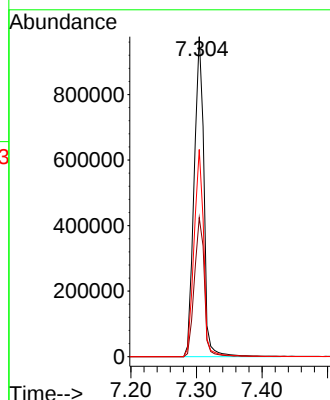
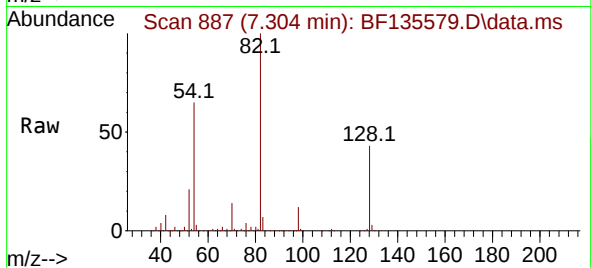
BNA_F

ClientSampleId :

SP1-COMPMSD

Tgt Ion: 82 Resp: 1016763

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.6
54	64.8	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

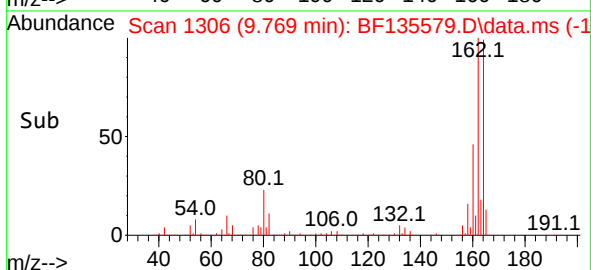
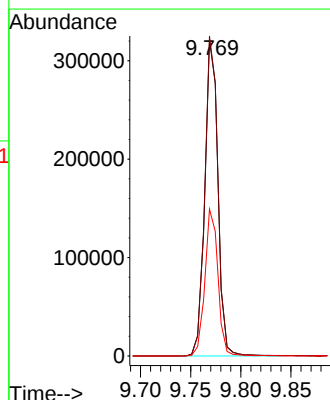
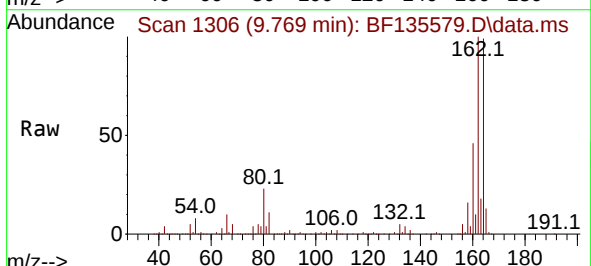
Delta R.T. -0.006 min

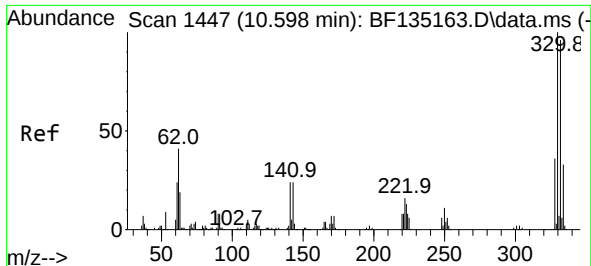
Lab File: BF135579.D

Acq: 04 Oct 2023 20:08

Tgt Ion: 164 Resp: 293127

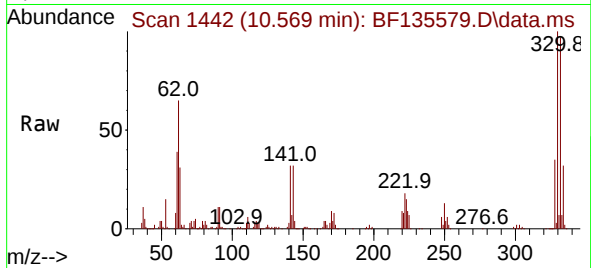
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.4
160	46.5	37.0	55.4



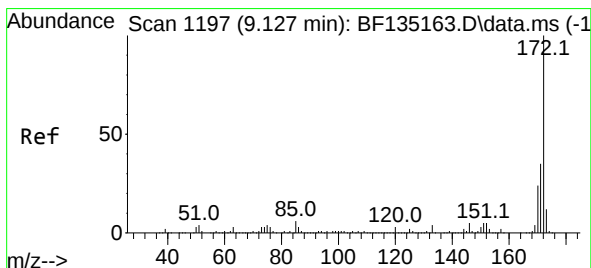
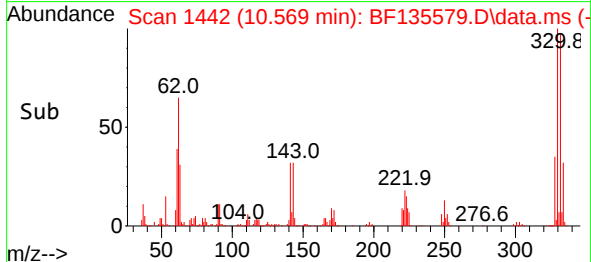
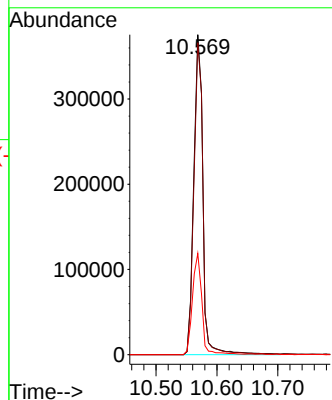


#42
2,4,6-Tribromophenol
Concen: 133.328 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

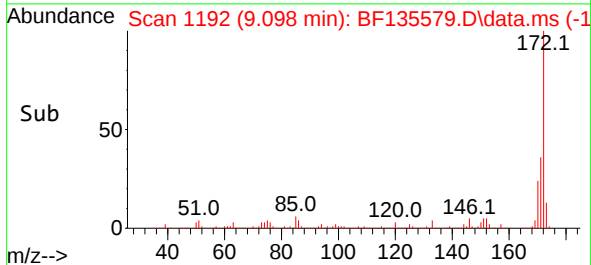
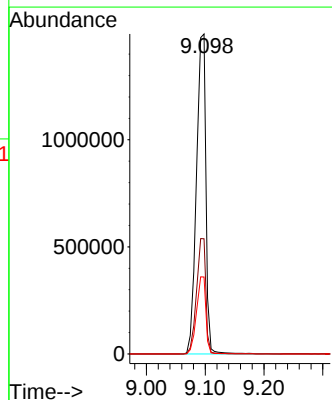
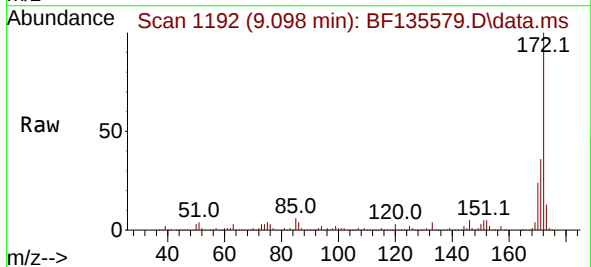


Tgt Ion:330 Resp: 388380
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.296 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

Tgt Ion:172 Resp: 1676635
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135579.D

Acq: 04 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

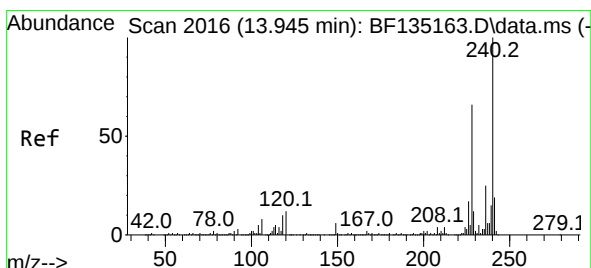
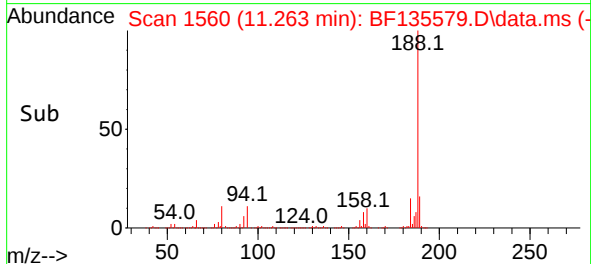
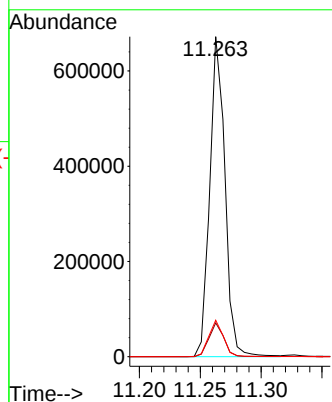
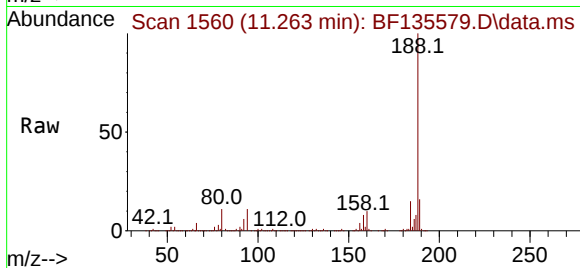
Tgt Ion:188 Resp: 584294

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.4 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135579.D

Acq: 04 Oct 2023 20:08

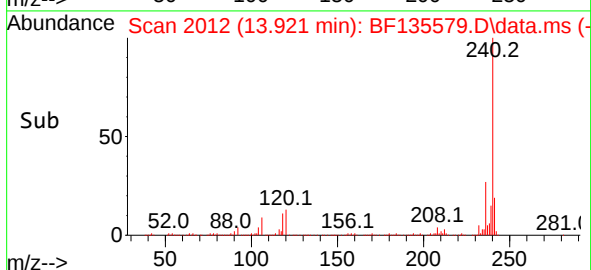
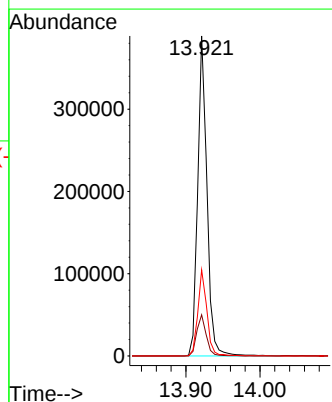
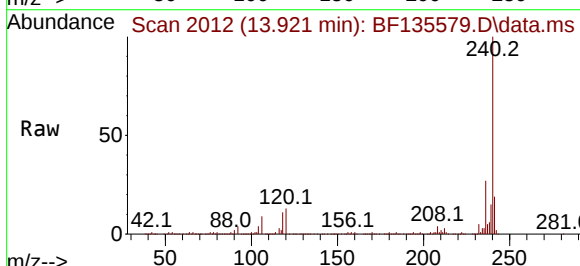
Tgt Ion:240 Resp: 336129

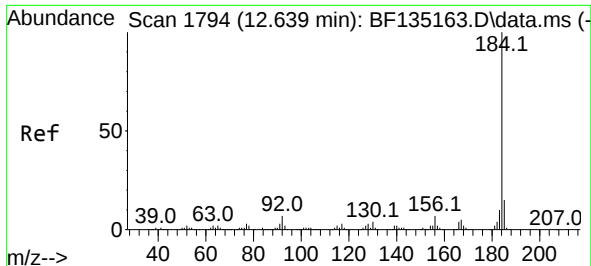
Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

236 26.9 19.8 29.8

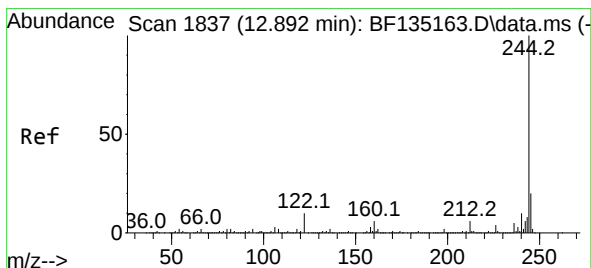
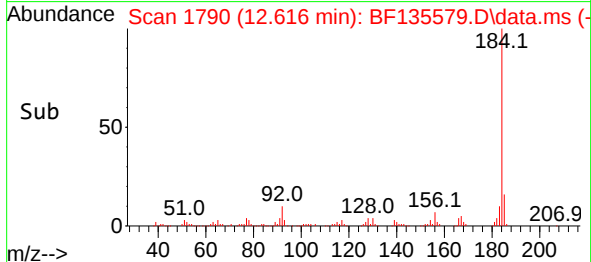
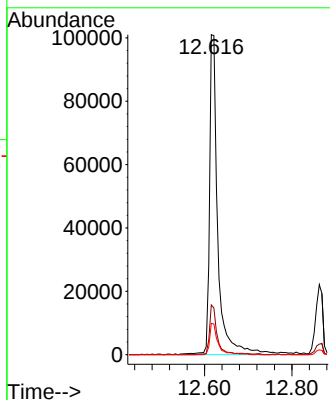
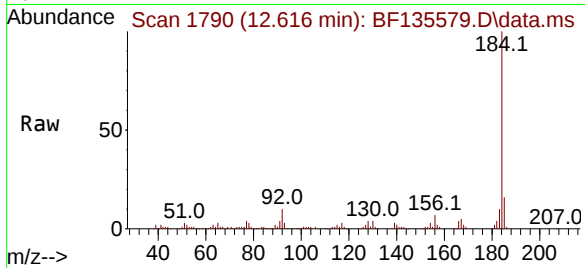




#77
Benzidine
Concen: 19.357 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

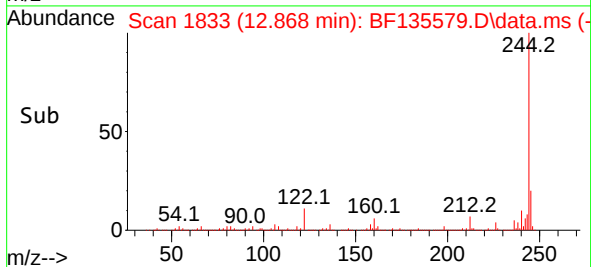
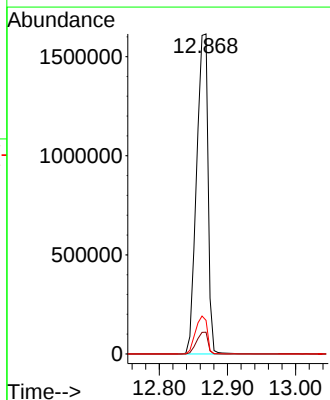
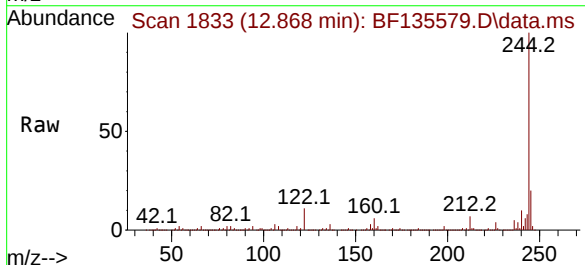
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SP1-COMPMSD

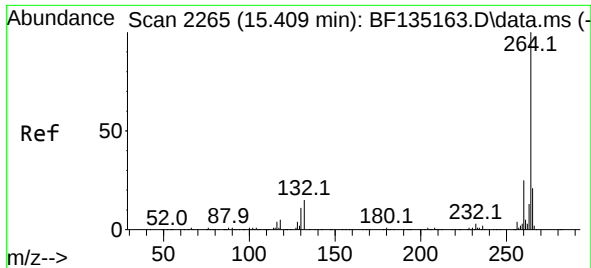
Tgt Ion:184 Resp: 133295
Ion Ratio Lower Upper
184 100
185 15.5 11.7 17.5
183 9.8 8.2 12.4



#79
Terphenyl-d14
Concen: 86.460 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

Tgt Ion:244 Resp: 1874716
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 10.5 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135579.D
Acq: 04 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

Tgt Ion:264 Resp: 294168
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 21.1 17.0 25.4

