

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135279.D
 Acq On : 15 Sep 2023 15:08
 Operator : CG\JU
 Sample : 04409-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1(0-2)COMP

Quant Time: Sep 15 15:41:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	106975	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	428758	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	211654	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	372485	20.000	ng	0.00
76) Chrysene-d12	13.945	240	214096	20.000	ng	0.00
86) Perylene-d12	15.409	264	244298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	518913	78.895	ng	0.00
7) Phenol-d6	6.398	99	642848	76.865	ng	0.00
23) Nitrobenzene-d5	7.322	82	385080	48.795	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	151402	71.982	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	704757	50.237	ng	-0.01
79) Terphenyl-d14	12.880	244	604247	43.751	ng	-0.01

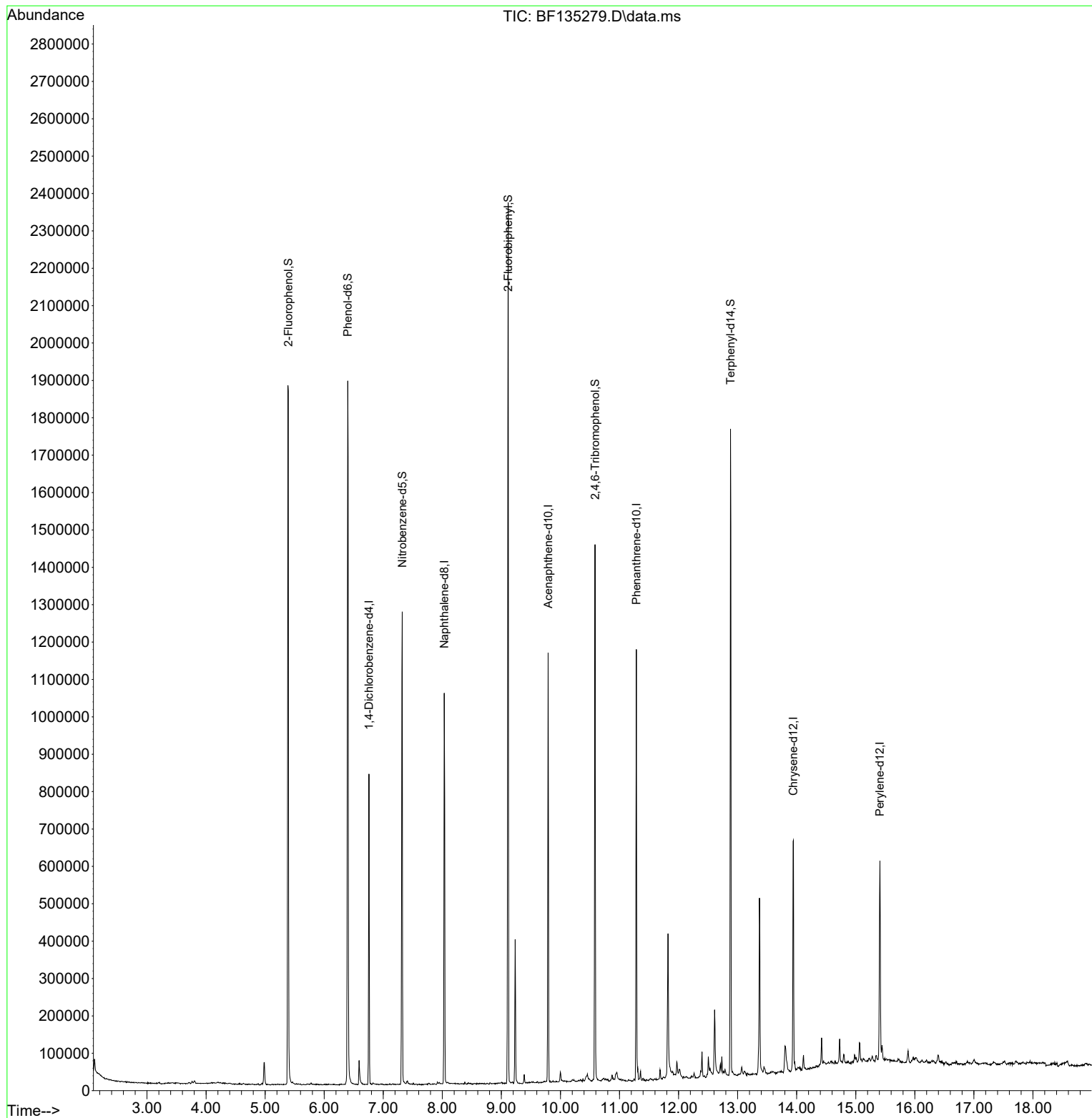
Target Compounds	Qvalue

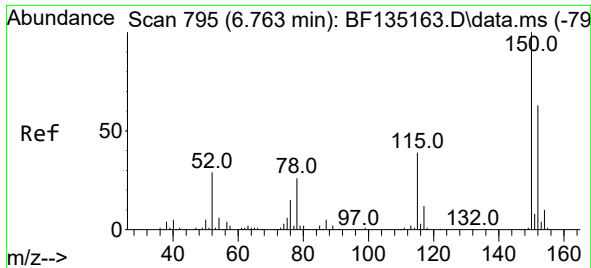
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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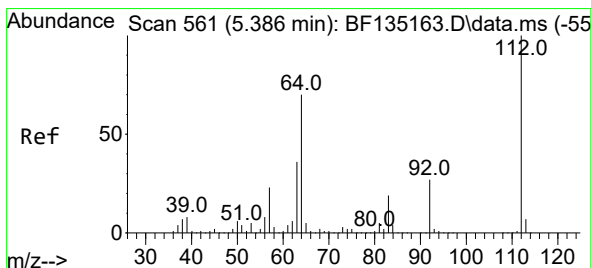
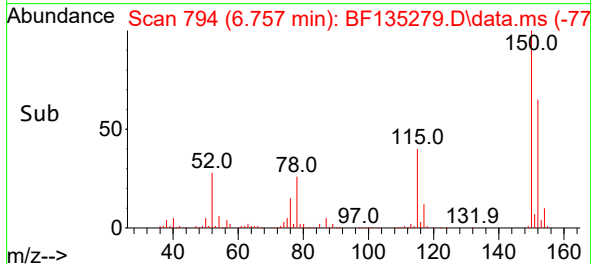
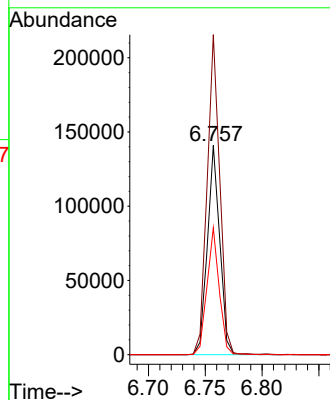
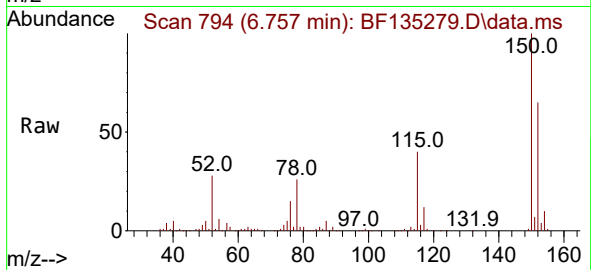




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135279.D
 Acq: 15 Sep 2023 15:08

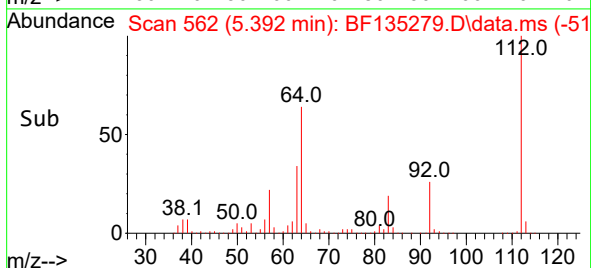
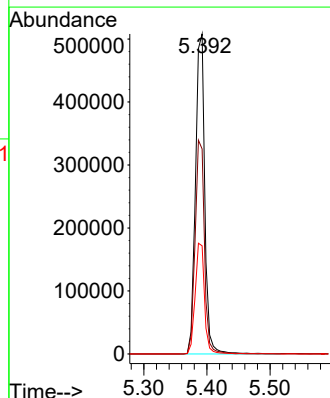
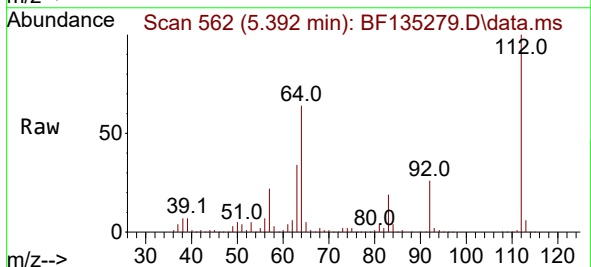
Instrument :
 BNA_F
 ClientSampleId :
 WC-1(0-2)COMP

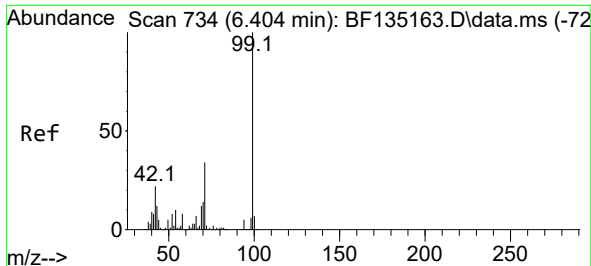
Tgt Ion:152 Resp: 106975
 Ion Ratio Lower Upper
 152 100
 150 153.0 127.8 191.6
 115 60.7 49.8 74.8



#5
 2-Fluorophenol
 Concen: 78.895 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135279.D
 Acq: 15 Sep 2023 15:08

Tgt Ion:112 Resp: 518913
 Ion Ratio Lower Upper
 112 100
 64 64.0 55.9 83.9
 63 33.8 29.0 43.6

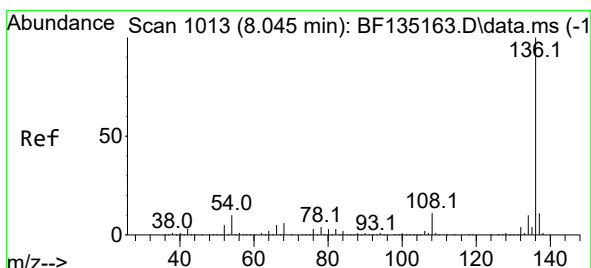
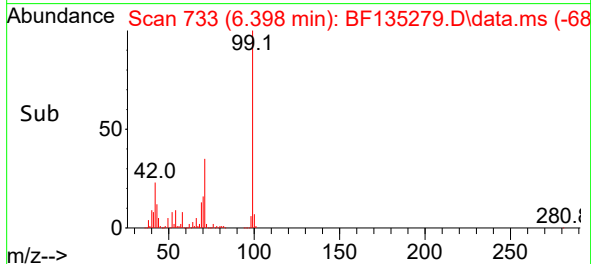
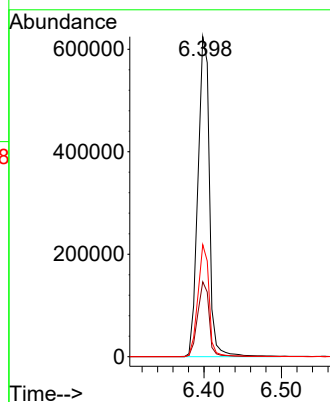
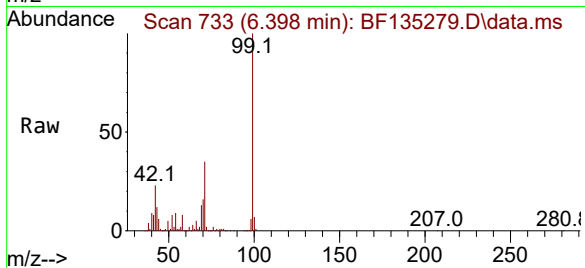




#7
Phenol-d6
Concen: 76.865 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

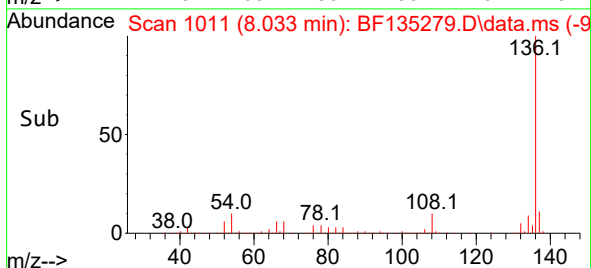
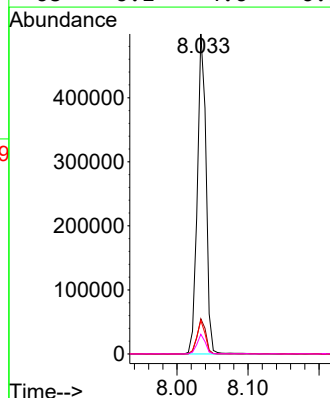
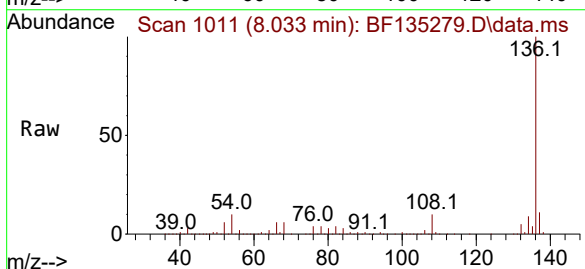
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

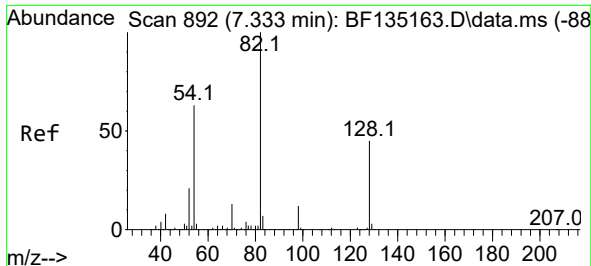
Tgt Ion: 99 Resp: 642848
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 35.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

Tgt Ion: 136 Resp: 428758
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.5 7.7 11.5
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 48.795 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135279.D

Acq: 15 Sep 2023 15:08

Instrument :

BNA_F

ClientSampleId :

WC-1(0-2)COMP

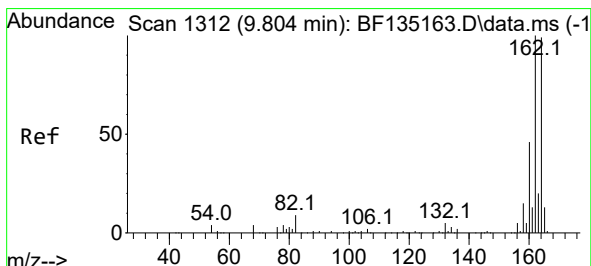
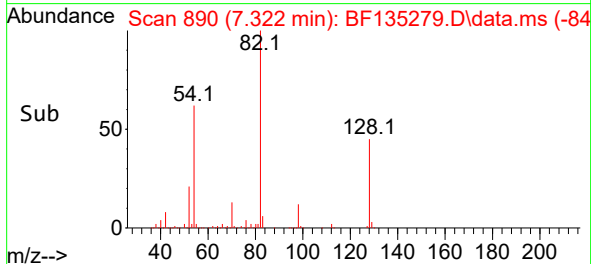
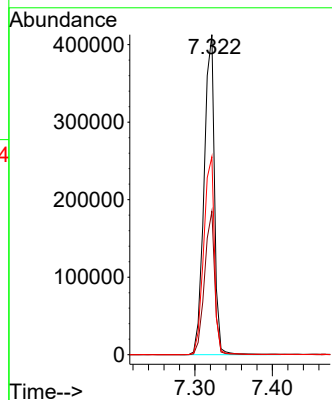
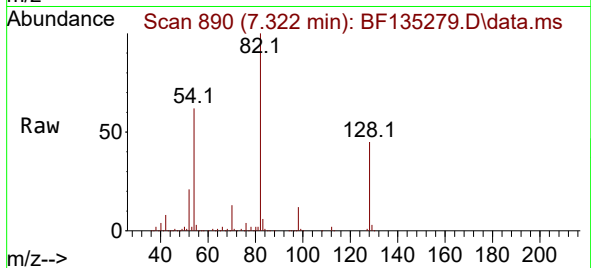
Tgt Ion: 82 Resp: 385080

Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.6

54 61.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135279.D

Acq: 15 Sep 2023 15:08

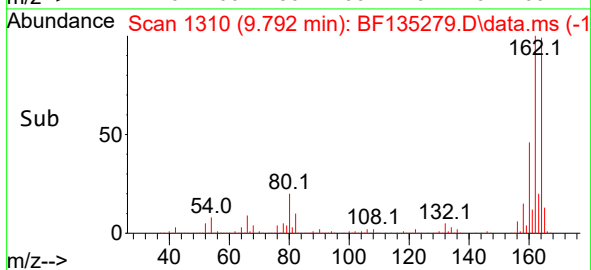
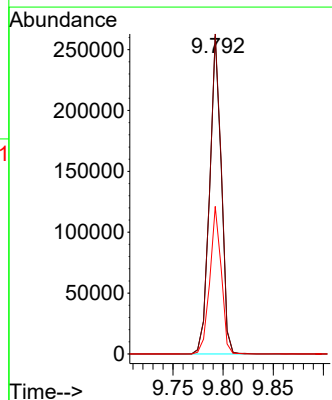
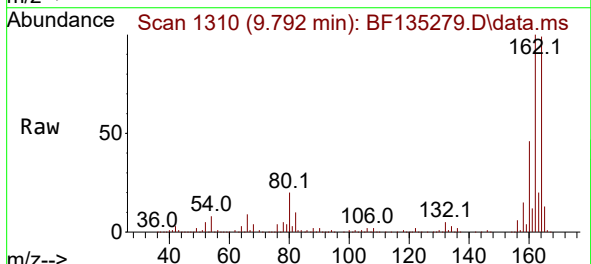
Tgt Ion: 164 Resp: 211654

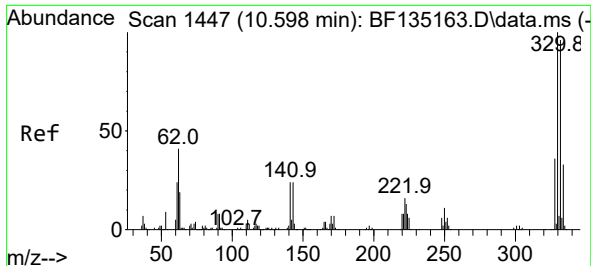
Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 46.4 37.0 55.4

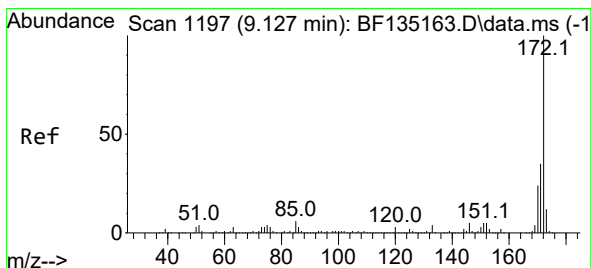
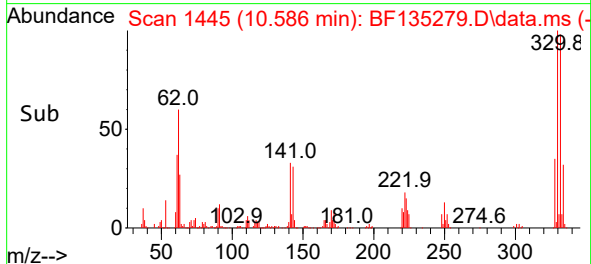
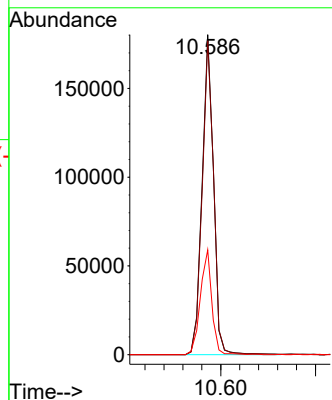
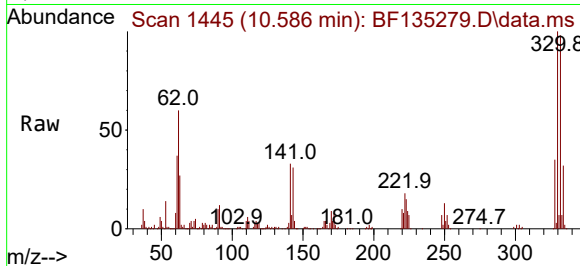




#42
 2,4,6-Tribromophenol
 Concen: 71.982 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF135279.D
 Acq: 15 Sep 2023 15:08

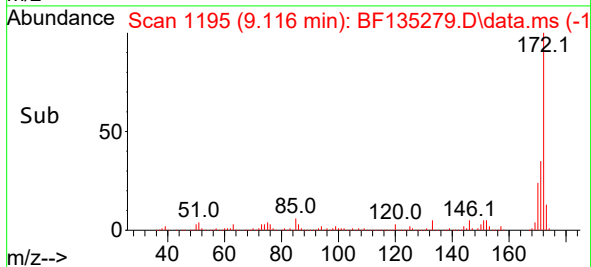
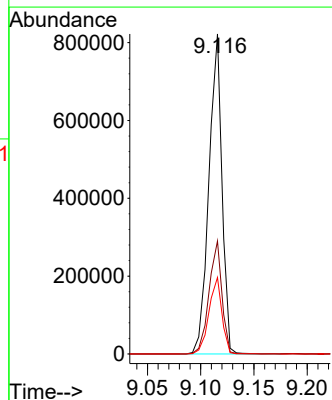
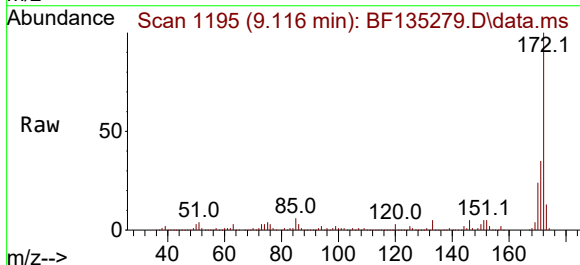
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 WC-1(0-2)COMP

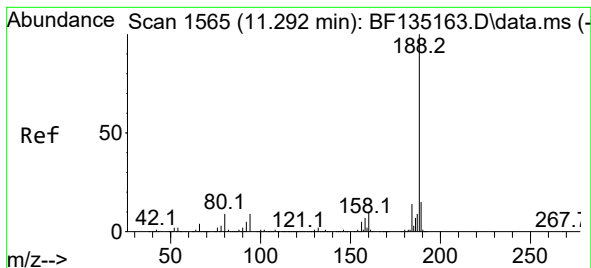
Tgt Ion:330 Resp: 151402
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 33.0 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 50.237 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135279.D
 Acq: 15 Sep 2023 15:08

Tgt Ion:172 Resp: 704757
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135279.D

Acq: 15 Sep 2023 15:08

Instrument :

BNA_F

ClientSampleId :

WC-1(0-2)COMP

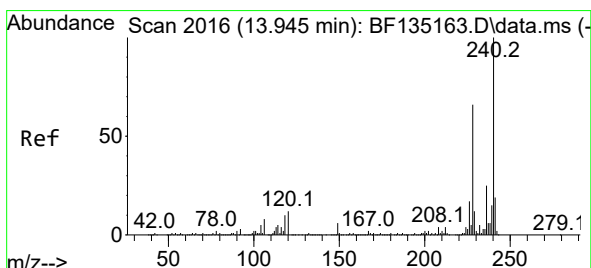
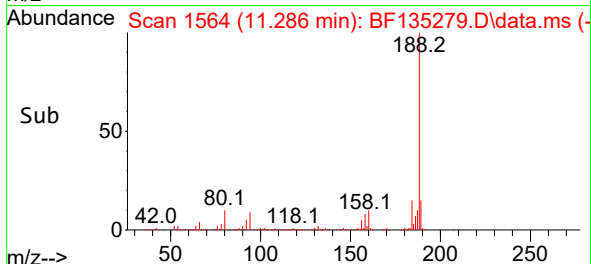
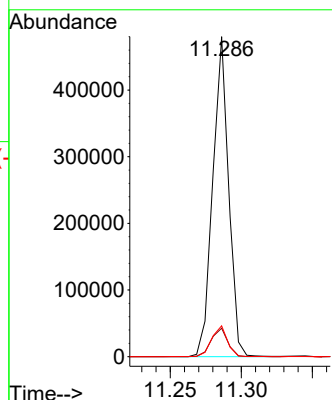
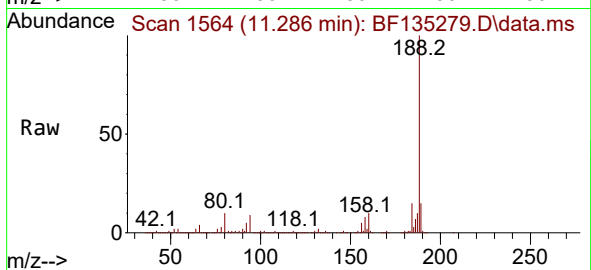
Tgt Ion:188 Resp: 372485

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.6 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135279.D

Acq: 15 Sep 2023 15:08

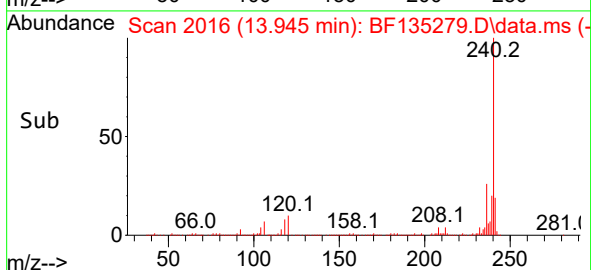
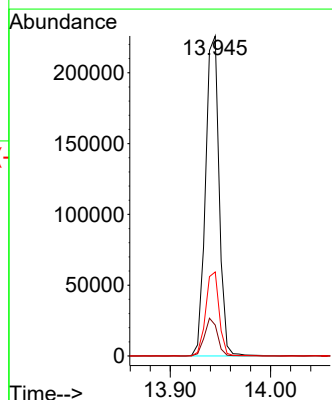
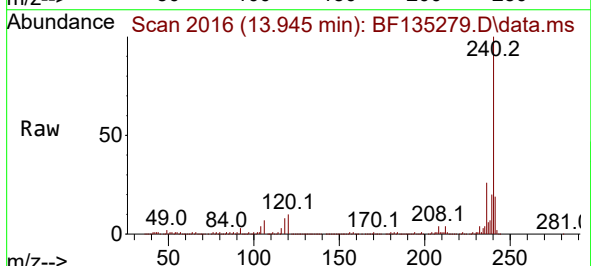
Tgt Ion:240 Resp: 214096

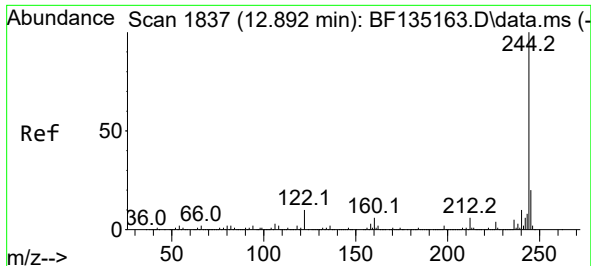
Ion Ratio Lower Upper

240 100

120 9.6 9.4 14.2

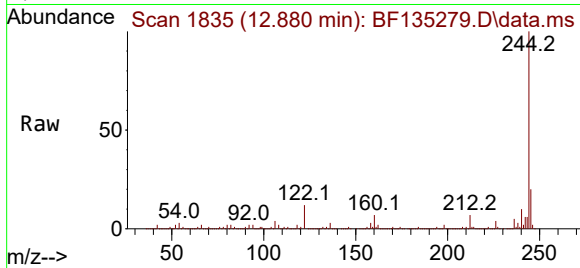
236 26.3 19.8 29.8



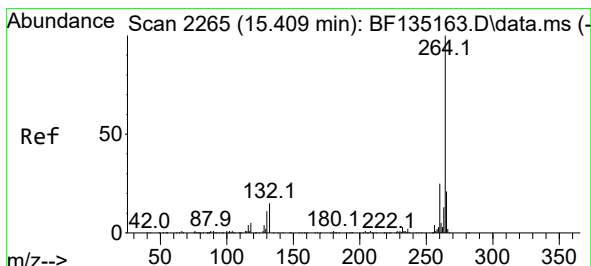
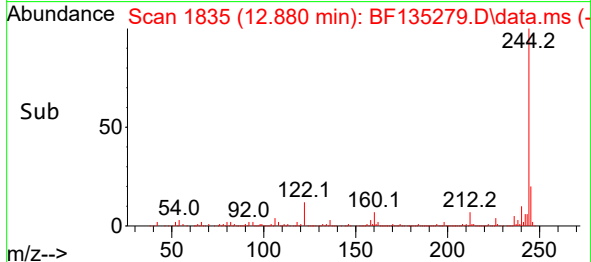
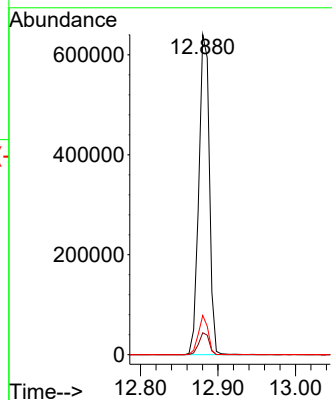


#79
 Terphenyl-d14
 Concen: 43.751 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135279.D
 Acq: 15 Sep 2023 15:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-1(0-2)COMP



Tgt Ion:244 Resp: 604247
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135279.D
 Acq: 15 Sep 2023 15:08

Tgt Ion:264 Resp: 244298
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 21.7 17.0 25.4

