

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134179.D
 Acq On : 09 Jul 2023 09:22
 Operator : CG\JU
 Sample : 03514-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-5

Quant Time: Jul 10 01:50:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	127685	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	502888	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	263938	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	511958	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	285171	20.000	ng	-0.02
86) Perylene-d12	15.539	264	248181	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	967015	126.686	ng	0.01
7) Phenol-d6	6.481	99	1162929	123.884	ng	-0.01
23) Nitrobenzene-d5	7.410	82	894510	95.884	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	475918	143.814	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1584313	87.271	ng	0.00
79) Terphenyl-d14	12.980	244	1993681	112.517	ng	0.00

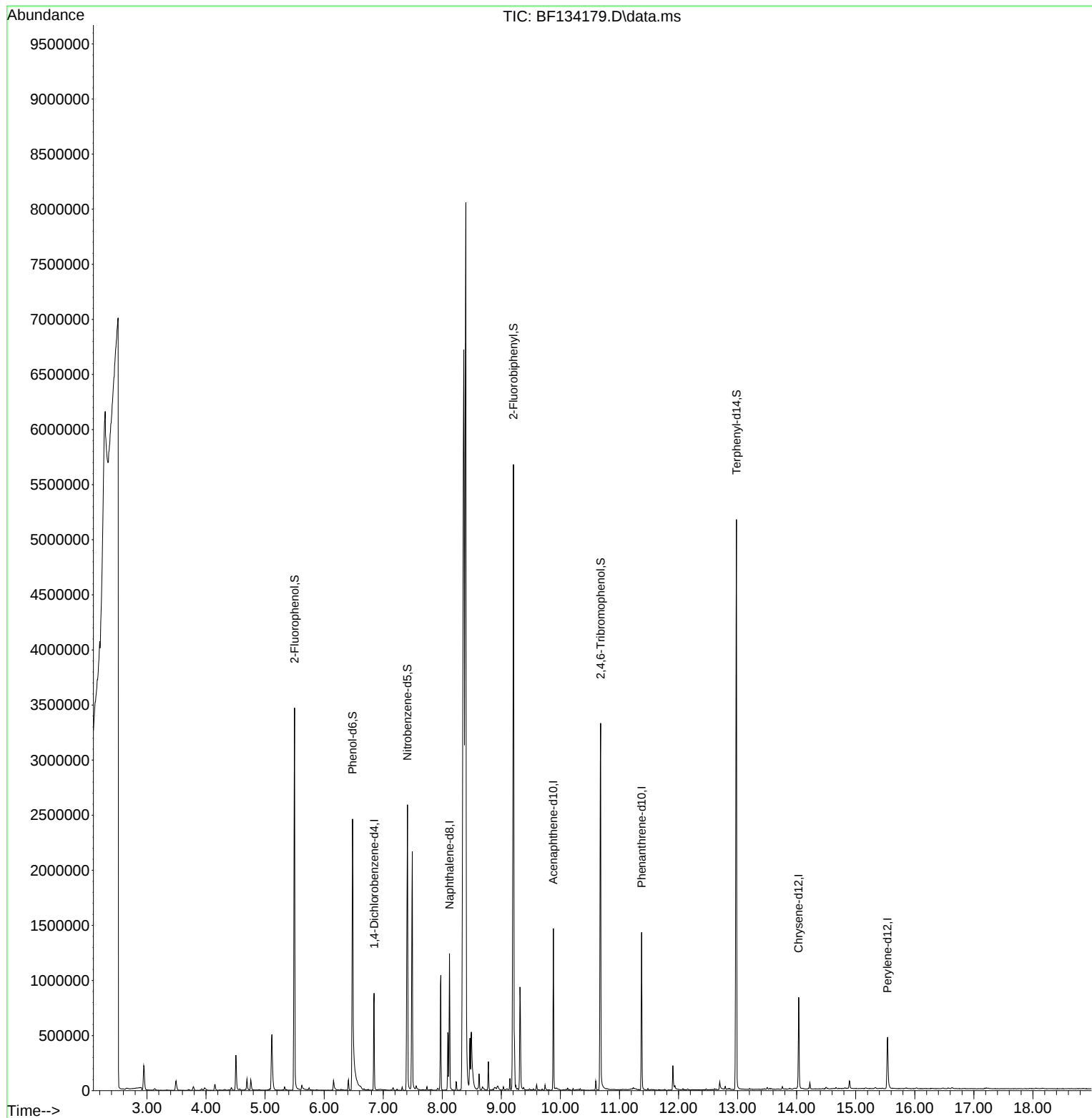
Target Compounds	Qvalue

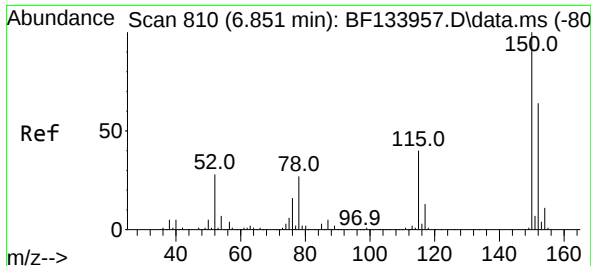
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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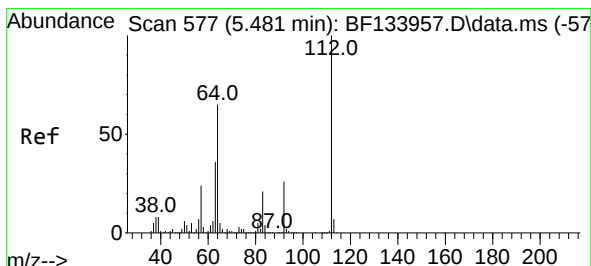
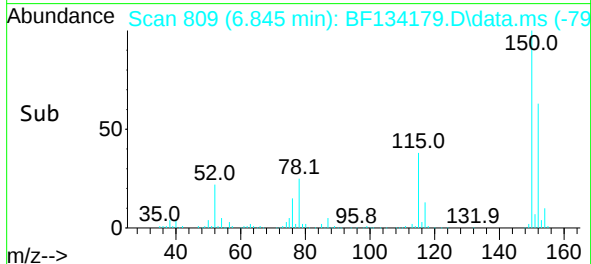
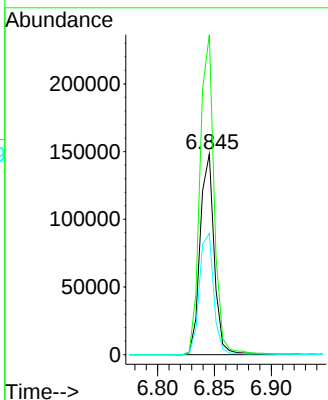
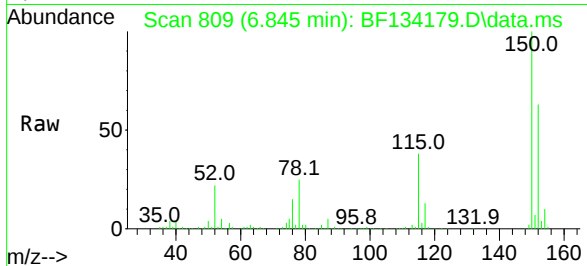




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

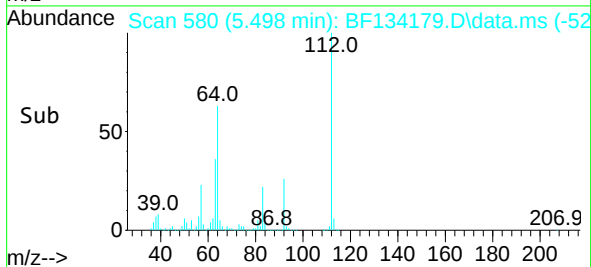
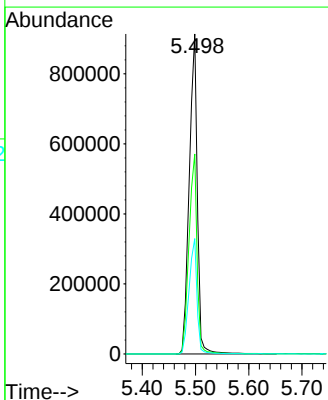
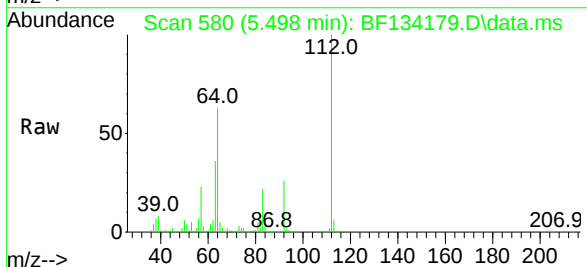
Instrument :
BNA_F
ClientSampleId :
CP-5

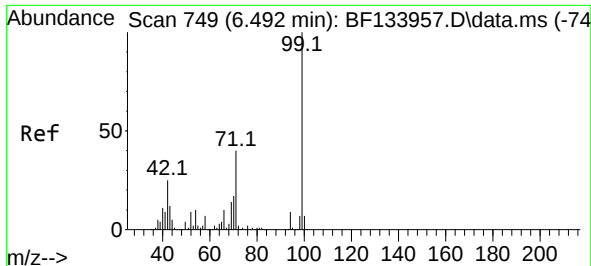
Tgt Ion:152 Resp: 127685
Ion Ratio Lower Upper
152 100
150 159.5 124.5 186.7
115 60.4 50.2 75.2



#5
2-Fluorophenol
Concen: 126.686 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Tgt Ion:112 Resp: 967015
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 36.1 28.6 42.8

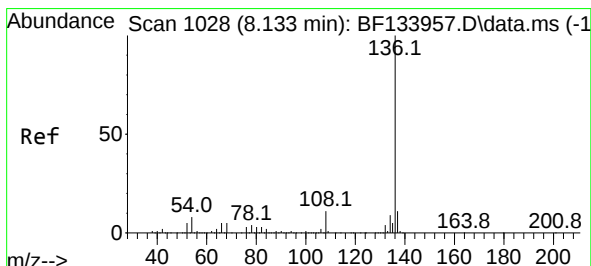
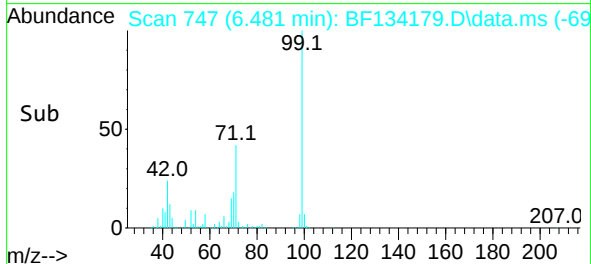
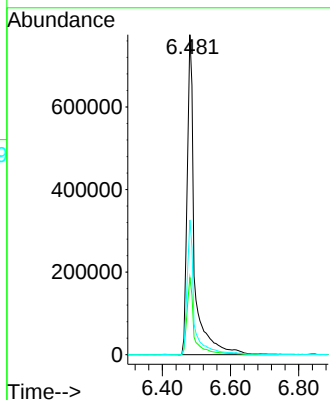
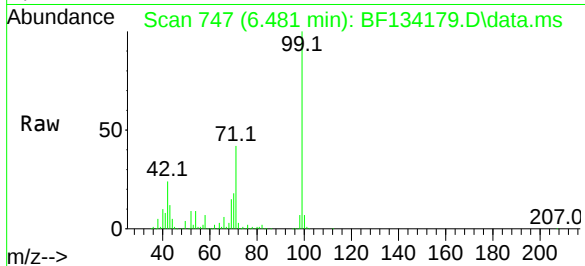




#7
Phenol-d6
Concen: 123.884 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

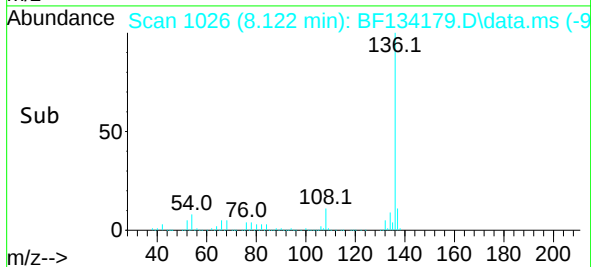
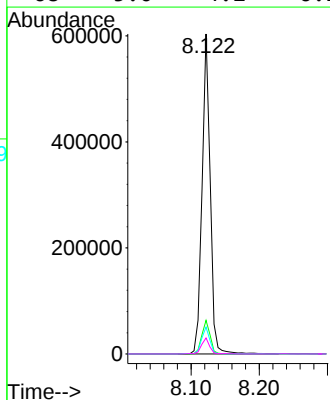
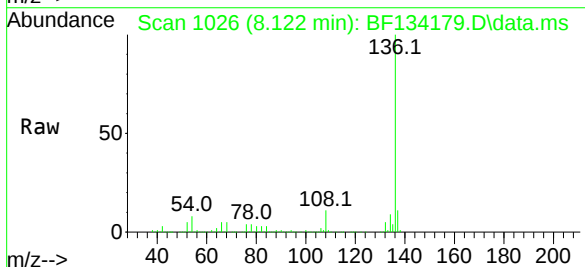
Instrument :
BNA_F
ClientSampleId :
CP-5

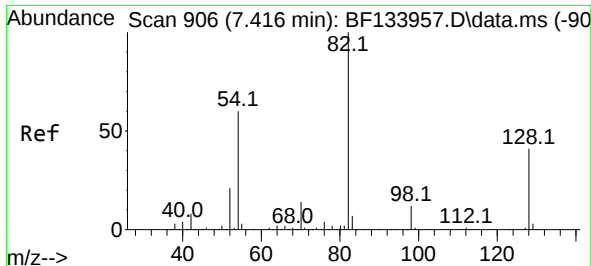
Tgt Ion: 99 Resp: 1162929
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 42.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Tgt Ion: 136 Resp: 502888
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.4 6.5 9.7
68 5.0 4.2 6.2

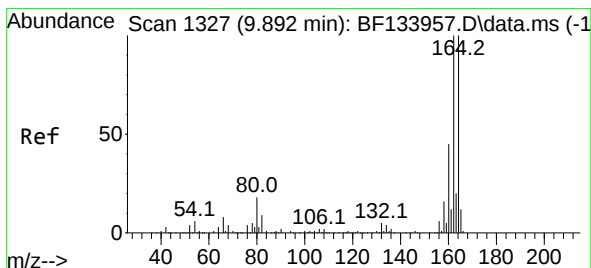
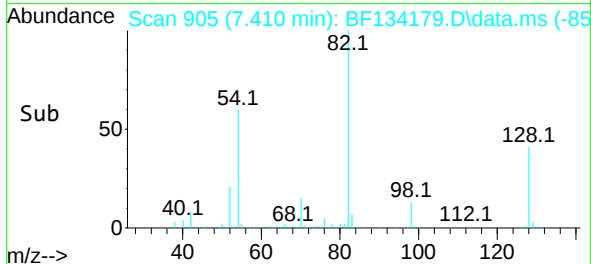
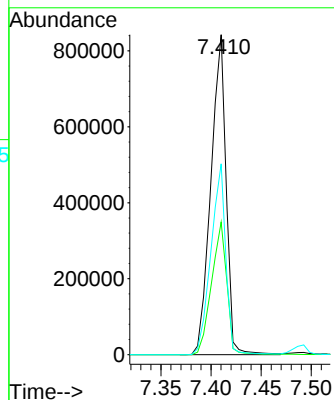
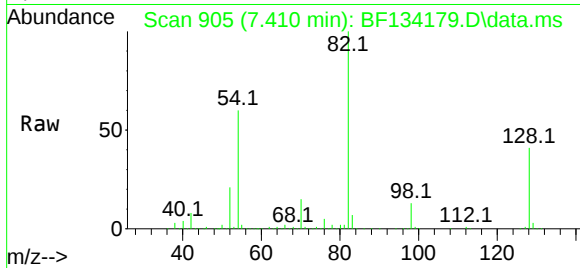




#23
Nitrobenzene-d5
Concen: 95.884 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

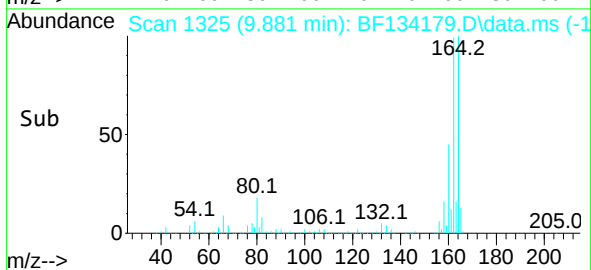
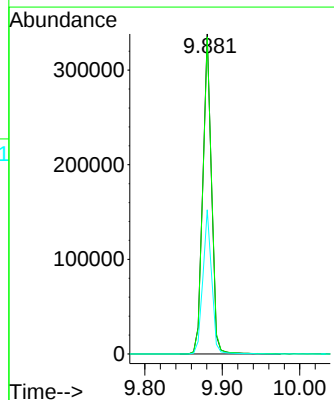
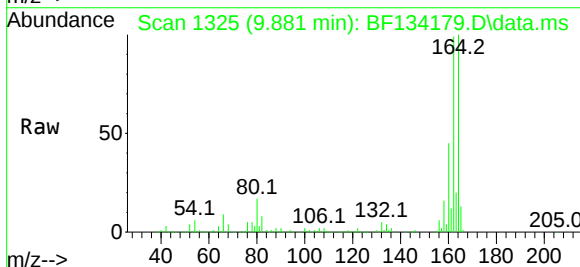
Instrument :
BNA_F
ClientSampleId :
CP-5

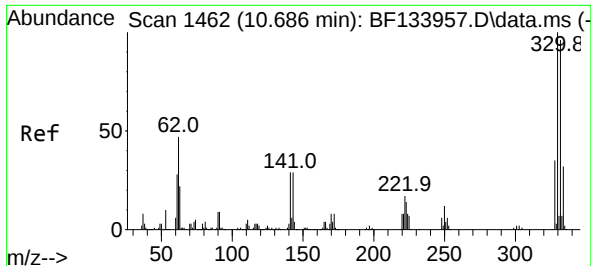
Tgt Ion: 82 Resp: 894510
Ion Ratio Lower Upper
82 100
128 41.5 32.5 48.7
54 59.7 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Tgt Ion: 164 Resp: 263938
Ion Ratio Lower Upper
164 100
162 99.1 80.0 120.0
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 143.814 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

Instrument :

BNA_F

ClientSampleId :

CP-5

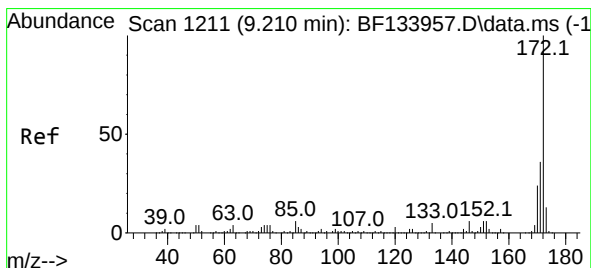
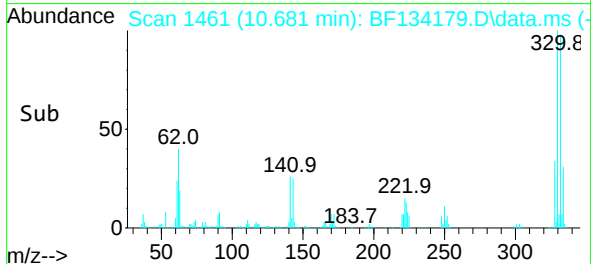
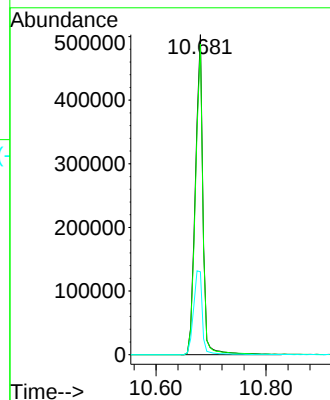
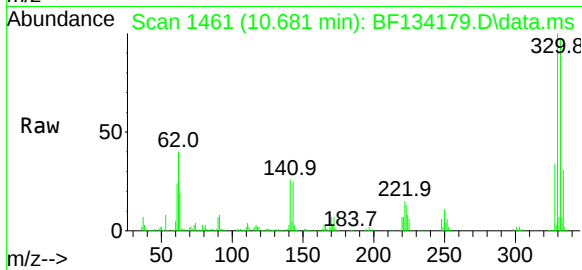
Tgt Ion:330 Resp: 475918

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 30.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 87.271 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

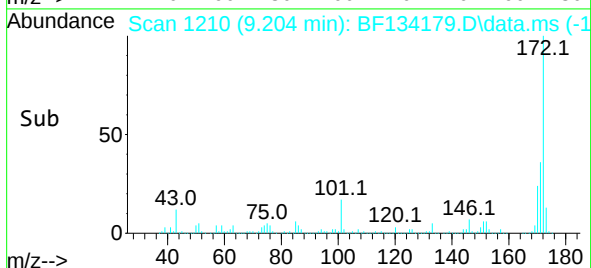
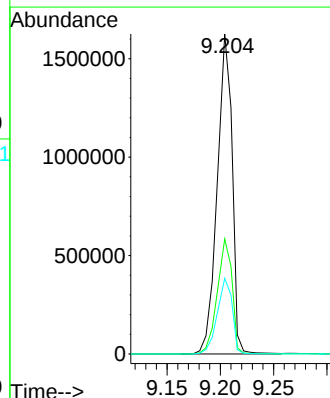
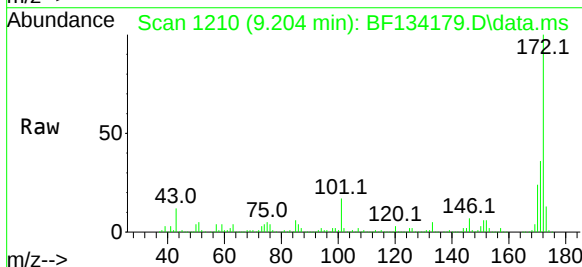
Tgt Ion:172 Resp: 1584313

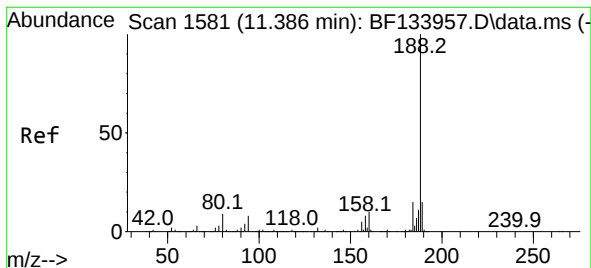
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

Instrument :

BNA_F

ClientSampleId :

CP-5

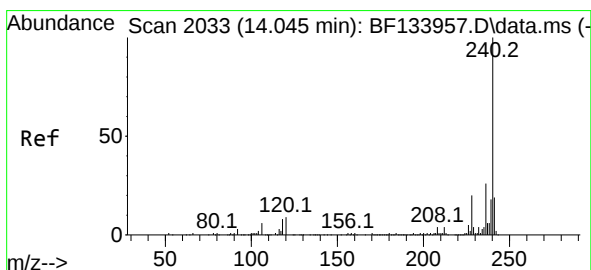
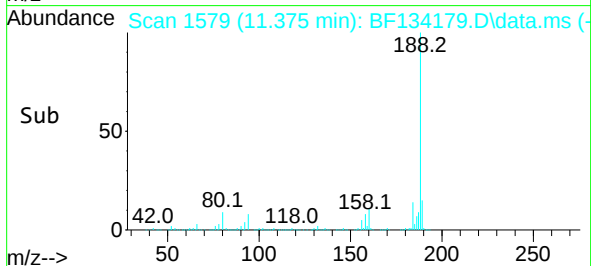
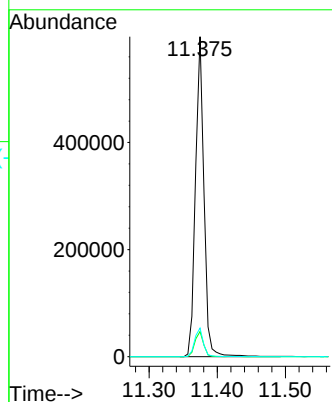
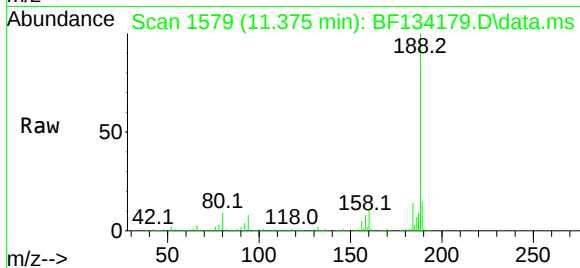
Tgt Ion:188 Resp: 511958

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

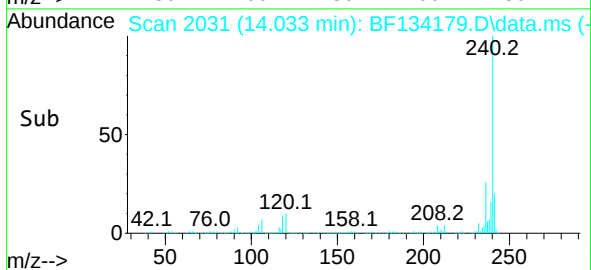
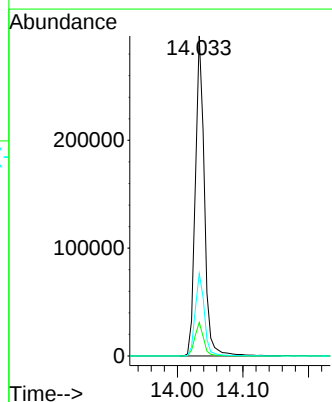
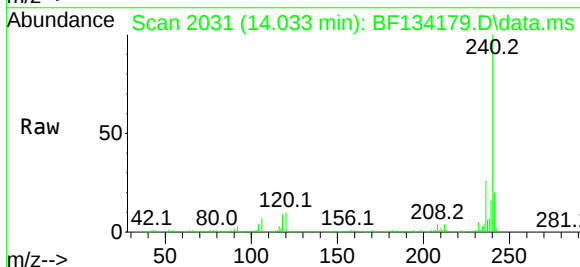
Tgt Ion:240 Resp: 285171

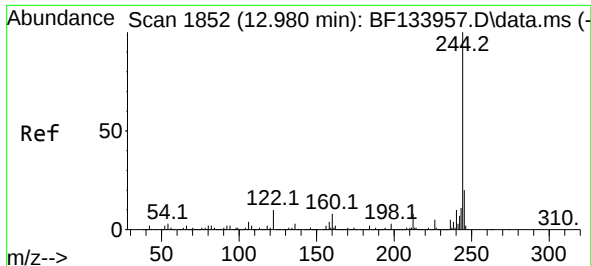
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.0

236 25.8 21.0 31.6

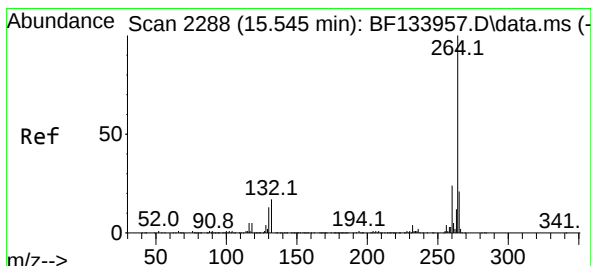
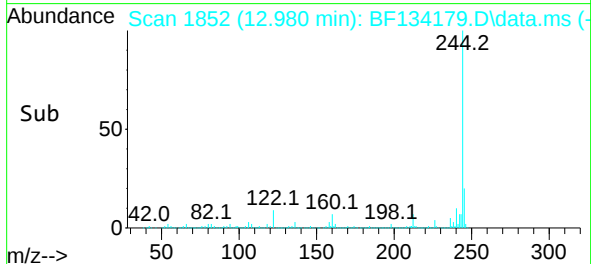
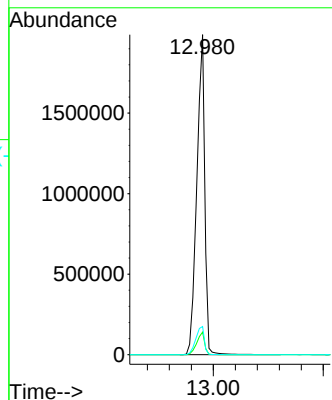
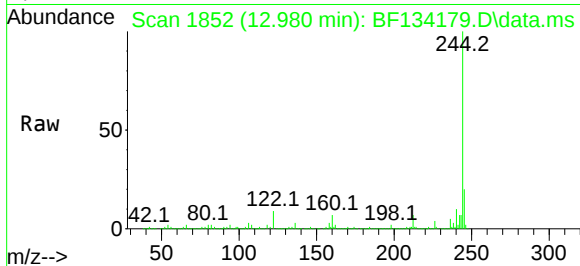




#79
 Terphenyl-d14
 Concen: 112.517 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134179.D
 Acq: 09 Jul 2023 09:22

Instrument :
 BNA_F
 ClientSampleId :
 CP-5

Tgt Ion:244 Resp: 1993681
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134179.D
 Acq: 09 Jul 2023 09:22

Tgt Ion:264 Resp: 248181
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.8 16.6 25.0

