

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133294.D
 Acq On : 08 May 2023 14:49
 Operator : CG\JU
 Sample : 02655-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Quant Time: May 09 05:05:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	205133	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	820115	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	421810	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	763578	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	432948	20.000	ng	-0.01
86) Perylene-d12	15.286	264	378077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1168629	86.058	ng	0.00
7) Phenol-d6	6.363	99	1504124	89.239	ng	0.00
23) Nitrobenzene-d5	7.286	82	884909	58.241	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	252196	59.451	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1533751	60.832	ng	0.00
79) Terphenyl-d14	12.827	244	1693119	67.446	ng	0.00

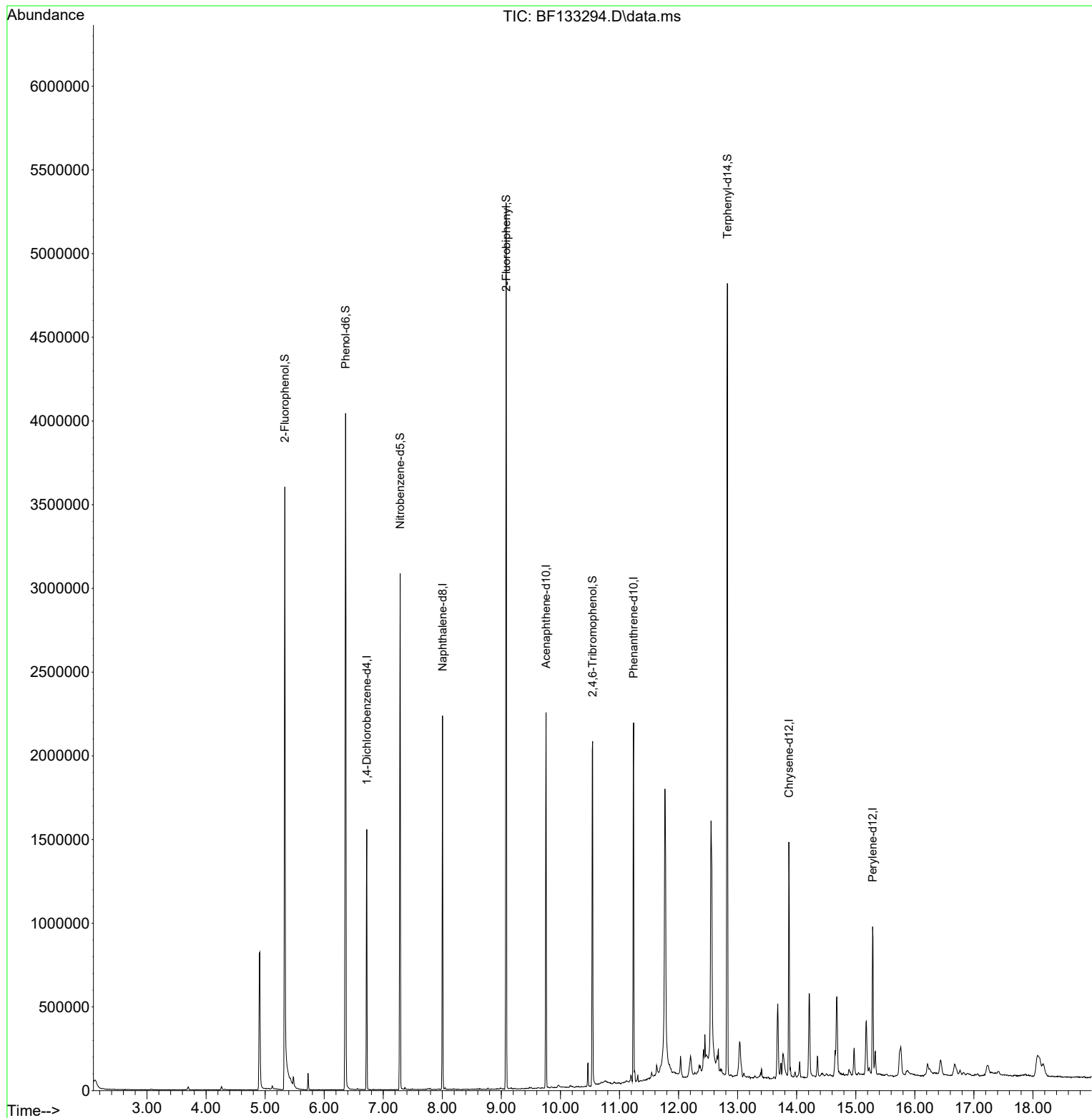
Target Compounds	Qvalue

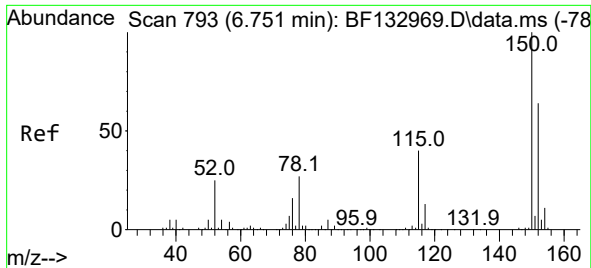
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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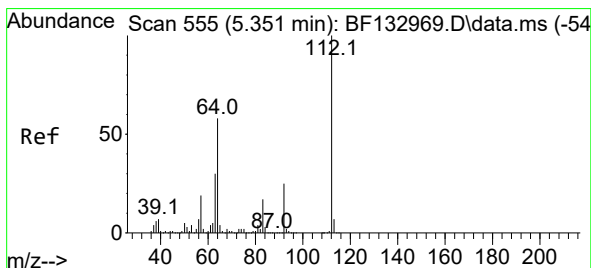
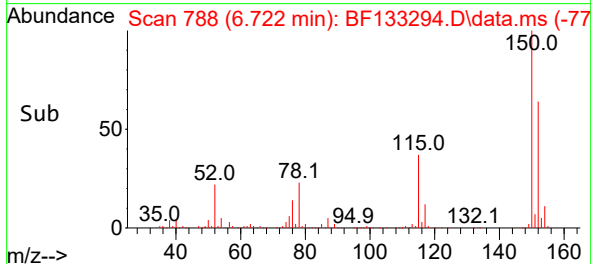
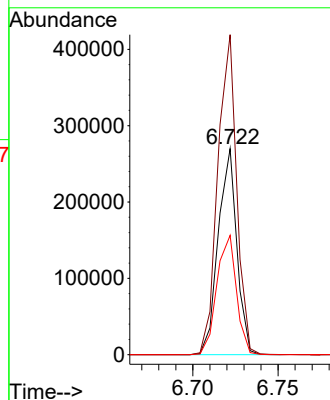
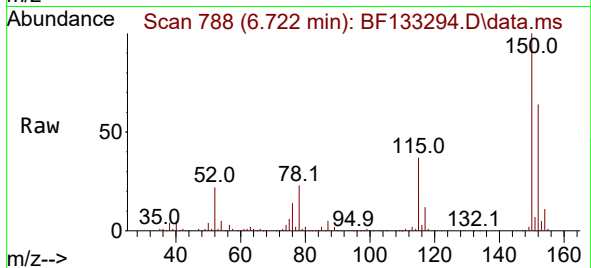




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133294.D
 Acq: 08 May 2023 14:49

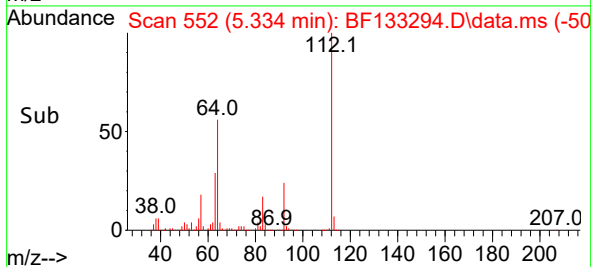
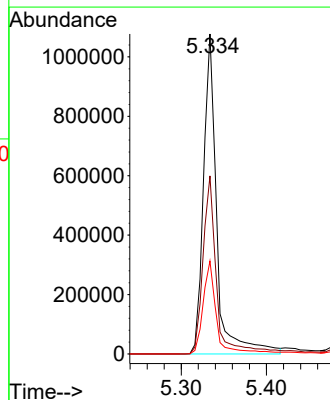
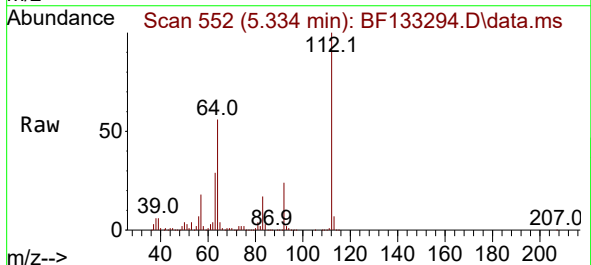
Instrument :
 BNA_F
 ClientSampleId :
 SS-2

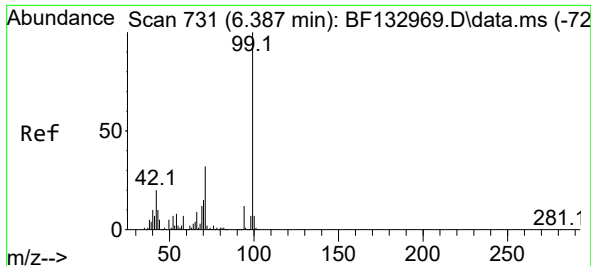
Tgt Ion:152 Resp: 205133
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.8 187.2
 115 58.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 86.058 ng
 RT: 5.334 min Scan# 552
 Delta R.T. 0.006 min
 Lab File: BF133294.D
 Acq: 08 May 2023 14:49

Tgt Ion:112 Resp: 1168629
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.8 70.2
 63 29.0 23.8 35.8

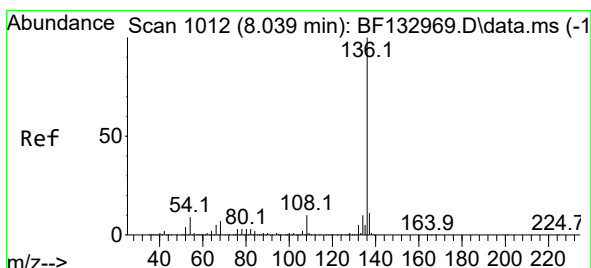
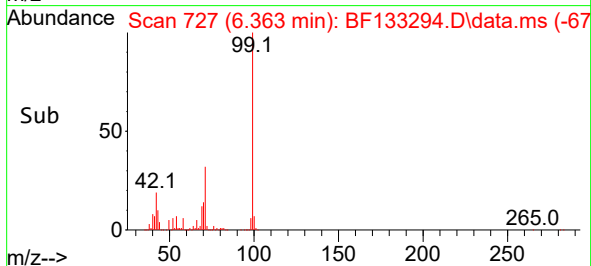
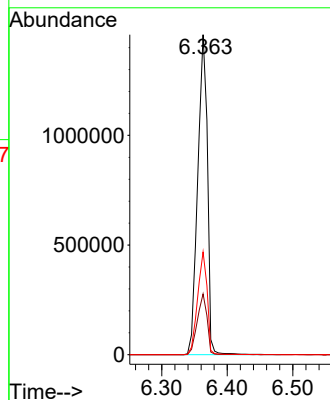
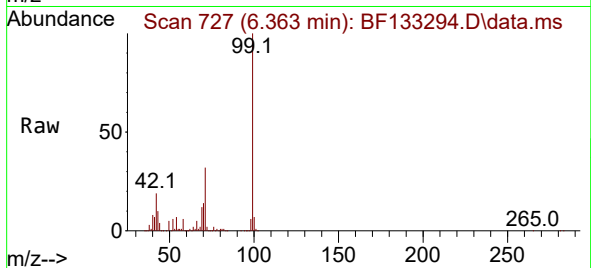




#7
Phenol-d6
Concen: 89.239 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

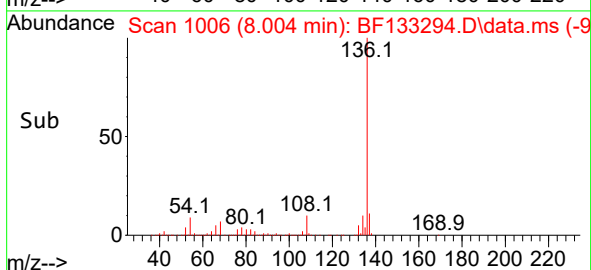
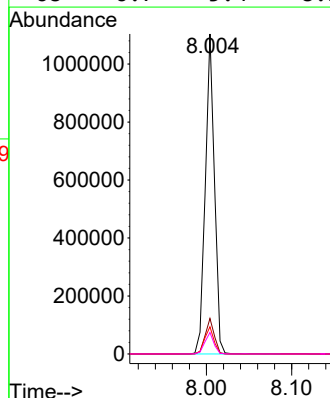
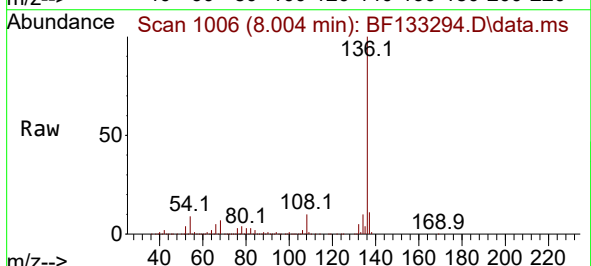
Instrument :
BNA_F
ClientSampleId :
SS-2

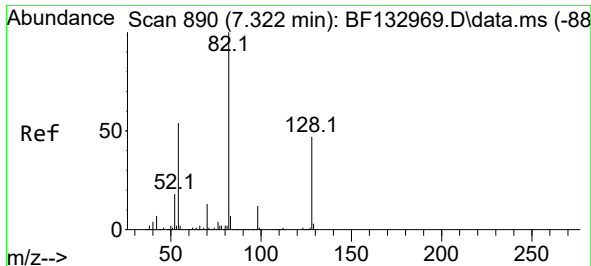
Tgt Ion: 99 Resp: 1504124
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion: 136 Resp: 820115
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.4
68 6.7 5.4 8.2

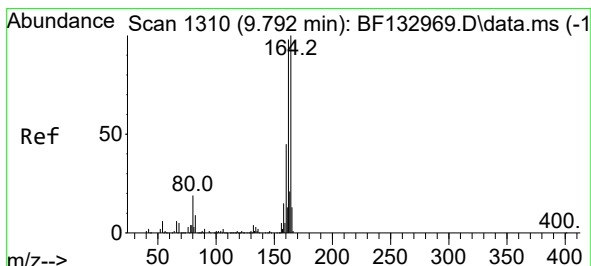
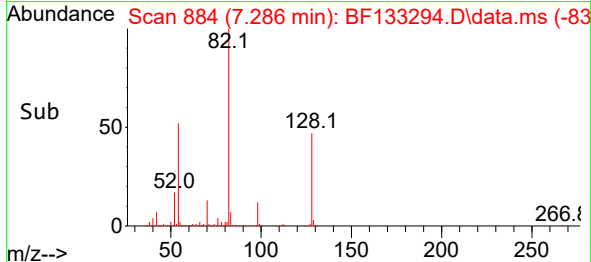
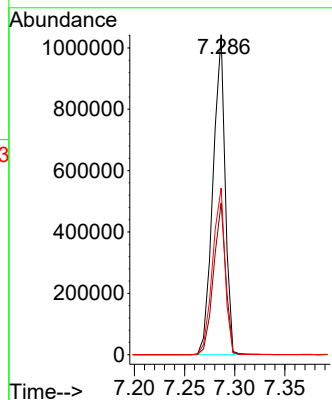
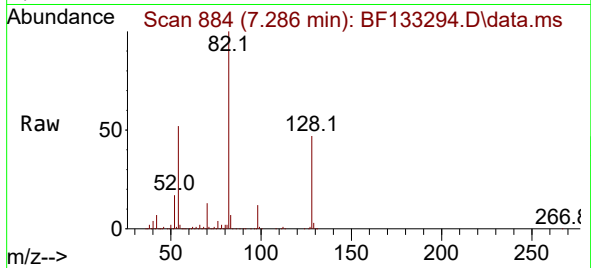




#23
Nitrobenzene-d5
Concen: 58.241 ng
RT: 7.286 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

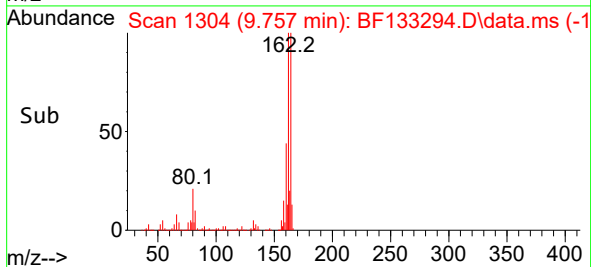
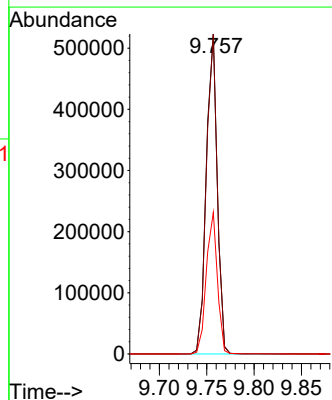
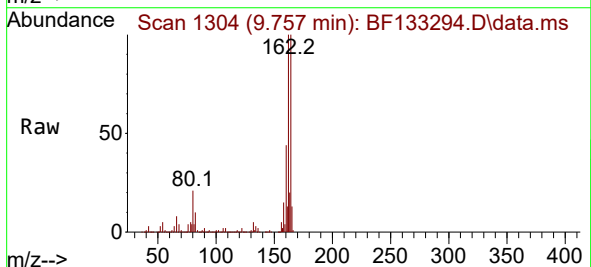
Instrument :
BNA_F
ClientSampleId :
SS-2

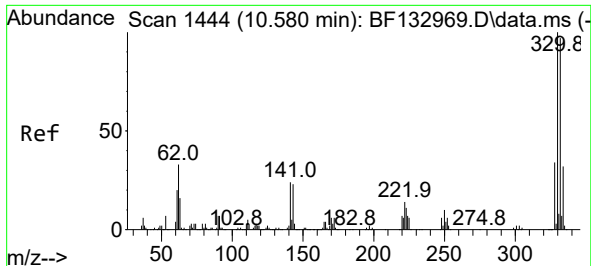
Tgt Ion: 82 Resp: 884909
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 52.1 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion: 164 Resp: 421810
Ion Ratio Lower Upper
164 100
162 100.1 78.7 118.1
160 44.3 35.8 53.6

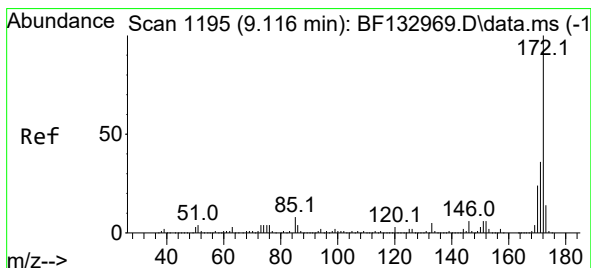
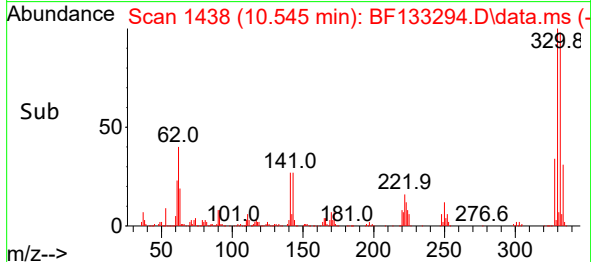
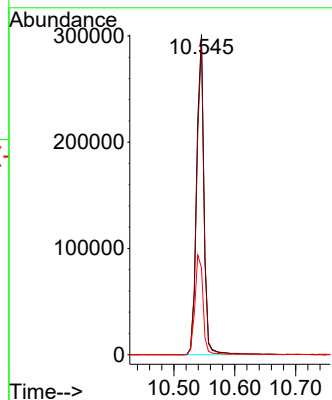
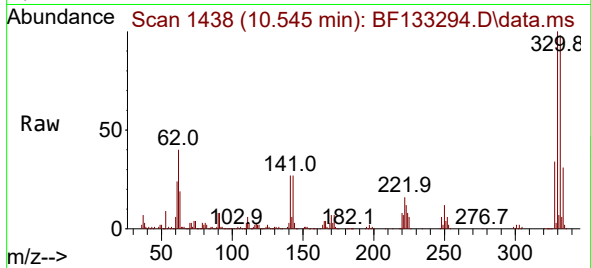




#42
2,4,6-Tribromophenol
Concen: 59.451 ng
RT: 10.545 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

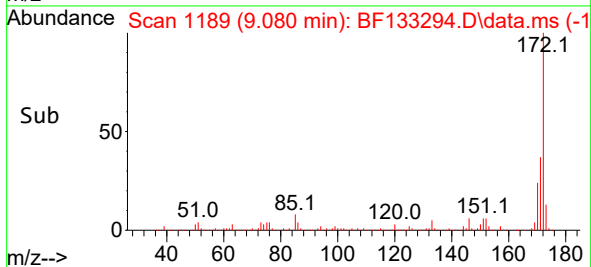
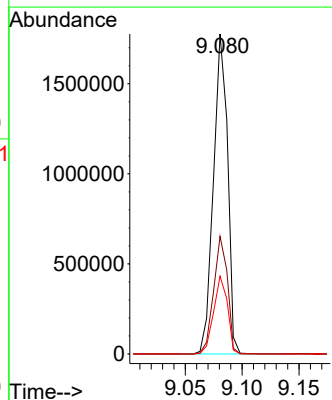
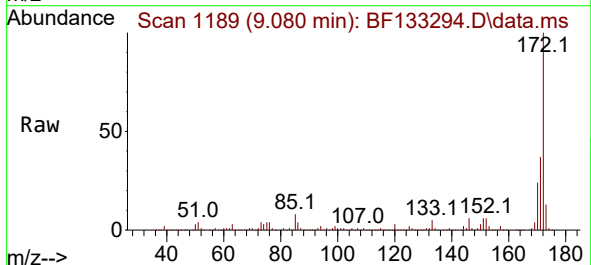
Instrument :
BNA_F
ClientSampleId :
SS-2

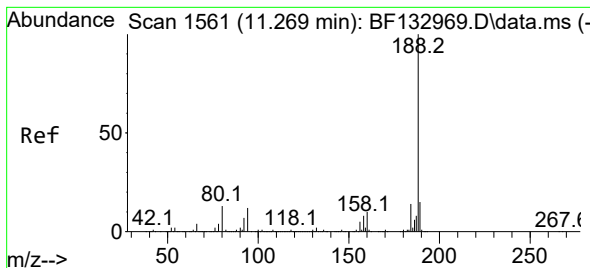
Tgt Ion:330 Resp: 252196
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 60.832 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion:172 Resp: 1533751
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133294.D

Acq: 08 May 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SS-2

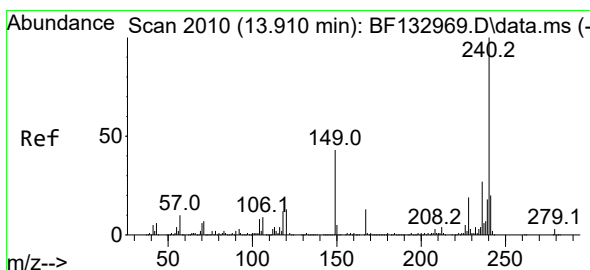
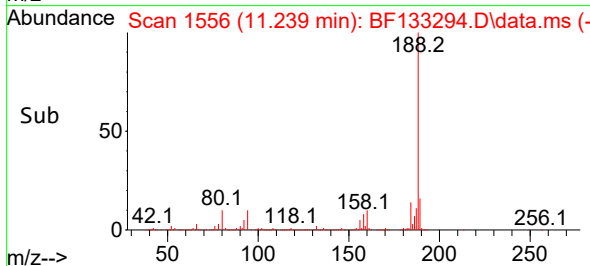
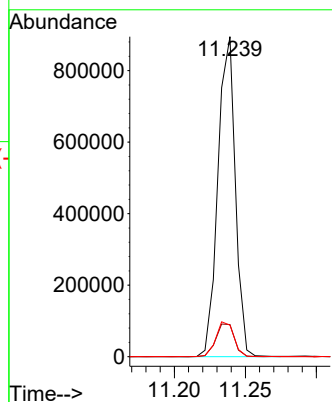
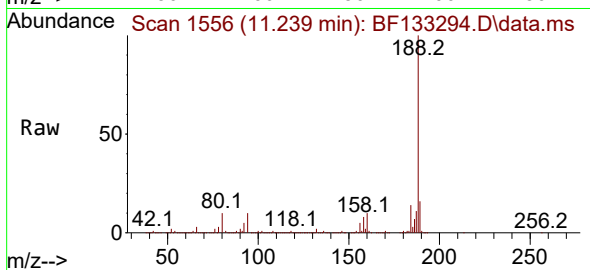
Tgt Ion:188 Resp: 763578

Ion Ratio Lower Upper

188 100

94 10.1 9.7 14.5

80 9.9 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF133294.D

Acq: 08 May 2023 14:49

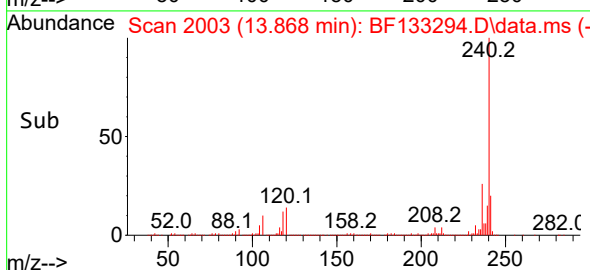
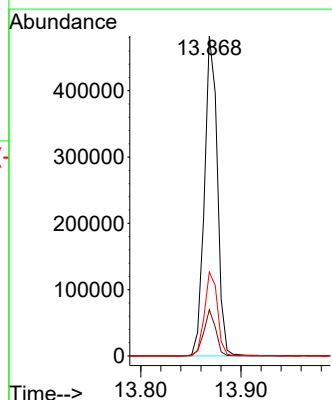
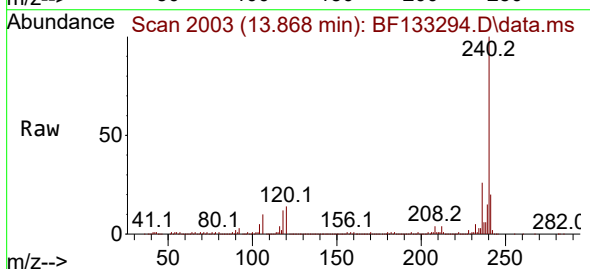
Tgt Ion:240 Resp: 432948

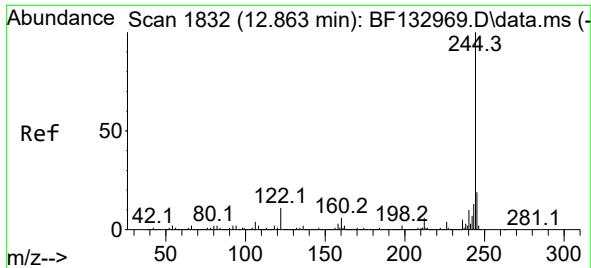
Ion Ratio Lower Upper

240 100

120 14.5 10.5 15.7

236 26.3 21.5 32.3

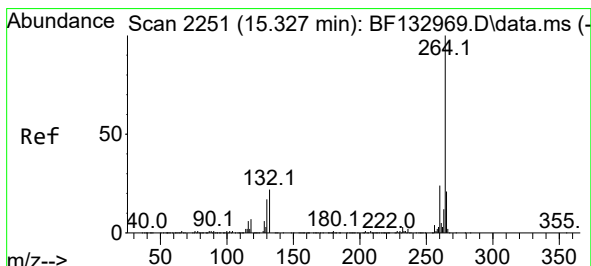
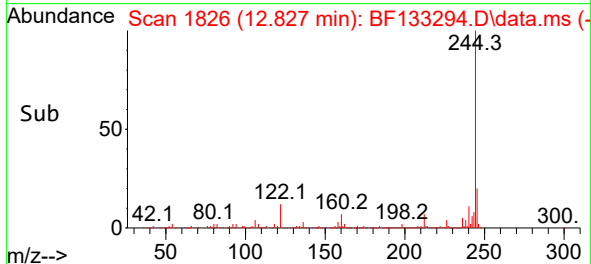
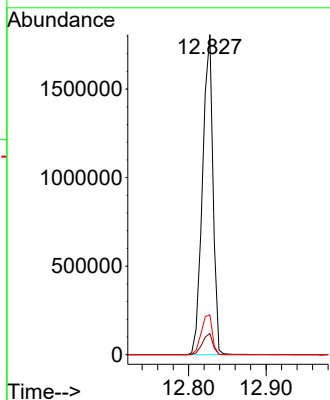
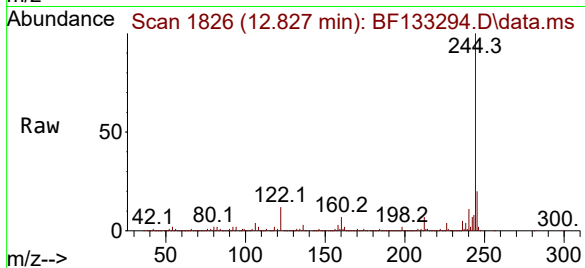




#79
 Terphenyl-d14
 Concen: 67.446 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133294.D
 Acq: 08 May 2023 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Tgt Ion:244 Resp: 1693119
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF133294.D
 Acq: 08 May 2023 14:49

Tgt Ion:264 Resp: 378077
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.4 17.0 25.4

