

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132609.D
 Acq On : 02 Mar 2023 16:00
 Operator : CG\JU
 Sample : 01749-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-4

Quant Time: Mar 02 16:48:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	203760	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	764829	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	413619	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	758063	20.000	ng	0.00
76) Chrysene-d12	14.204	240	367079	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	459889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1241889	98.918	ng	0.00
7) Phenol-d6	6.628	99	1575838	96.175	ng	0.00
23) Nitrobenzene-d5	7.563	82	1029927	63.889	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	405027	90.673	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1657436	61.015	ng	0.00
79) Terphenyl-d14	13.139	244	1565721	72.116	ng	0.00

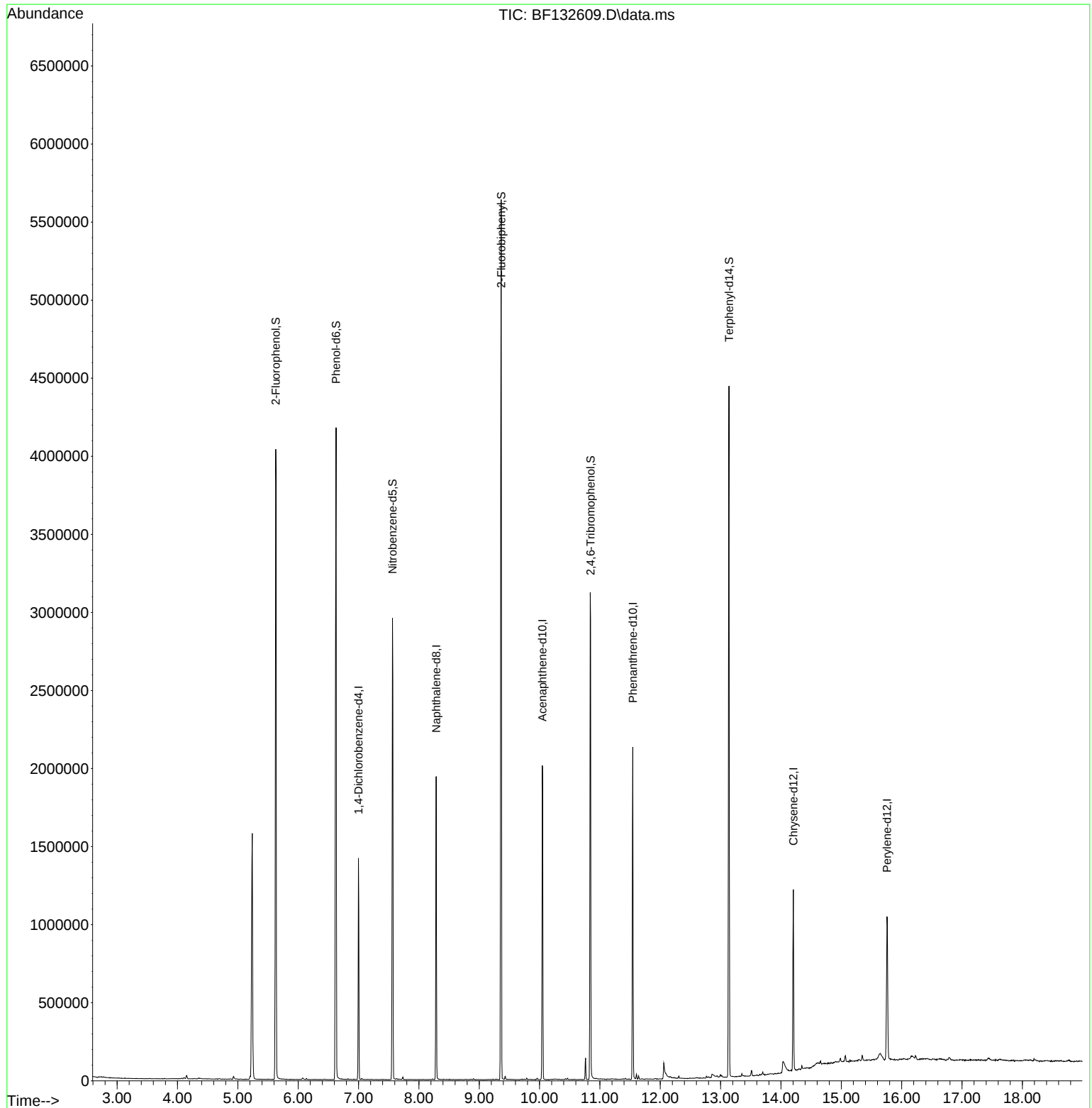
Target Compounds	Qvalue

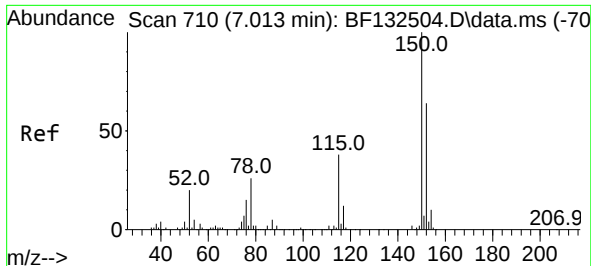
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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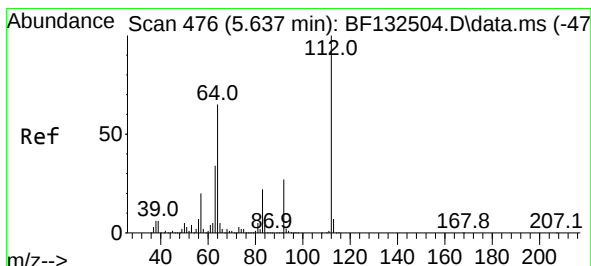
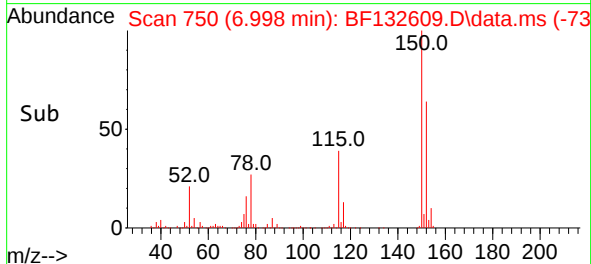
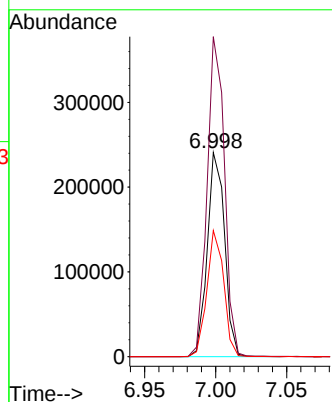
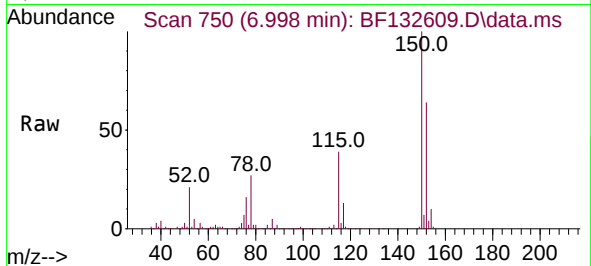




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

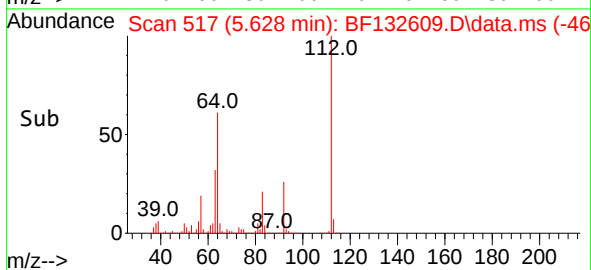
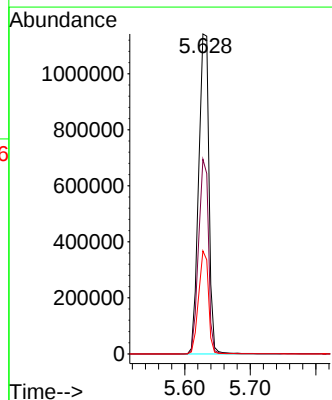
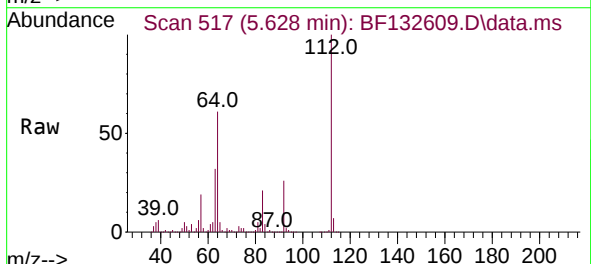
Instrument :
BNA_F
ClientSampleId :
CF-4

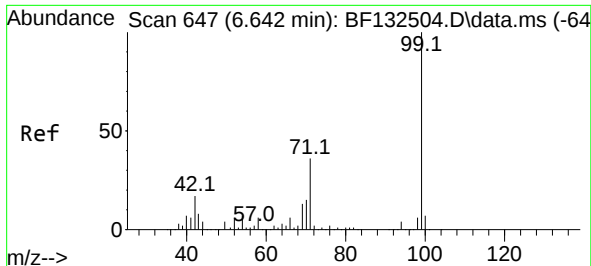
Tgt Ion:152 Resp: 203760
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.2
115 61.8 47.8 71.6



#5
2-Fluorophenol
Concen: 98.918 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Tgt Ion:112 Resp: 1241889
Ion Ratio Lower Upper
112 100
64 60.8 51.6 77.4
63 32.2 27.4 41.2

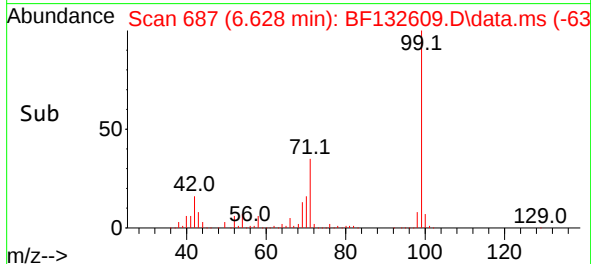
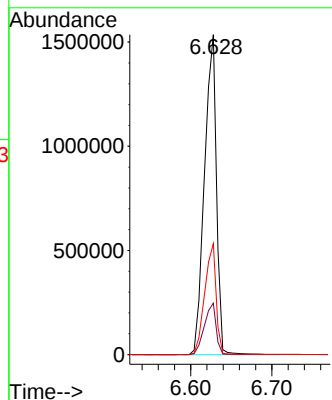
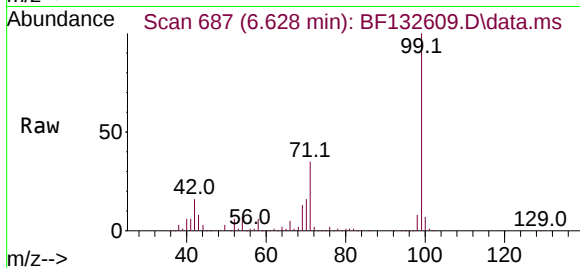




#7
Phenol-d6
Concen: 96.175 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

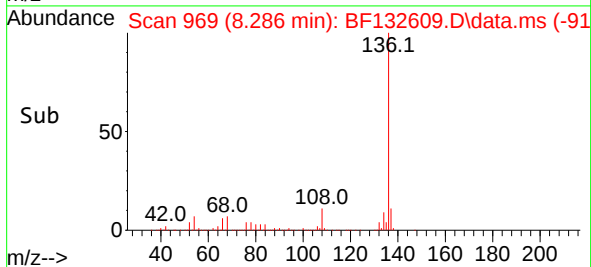
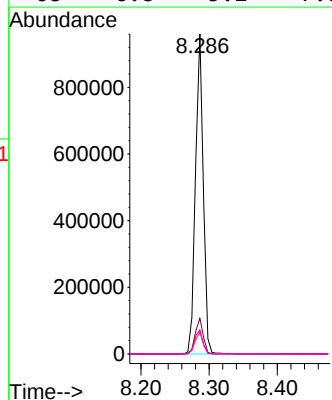
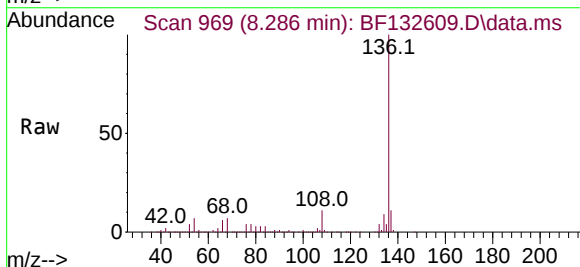
Instrument :
BNA_F
ClientSampleId :
CF-4

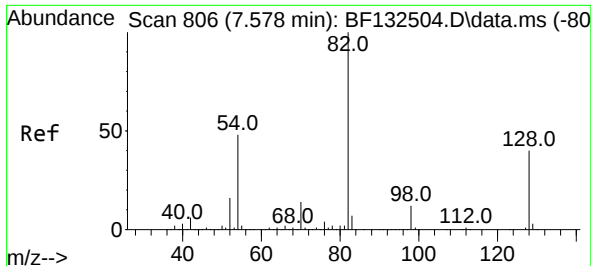
Tgt Ion: 99 Resp: 1575838
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 34.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Tgt Ion:136 Resp: 764829
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.2 9.4
68 6.8 5.2 7.8

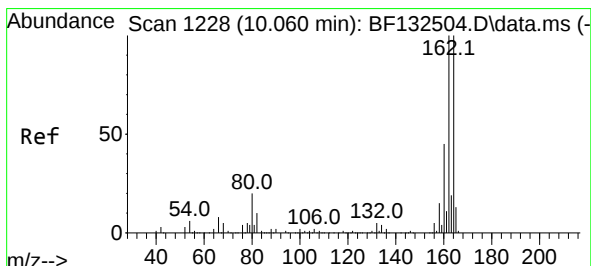
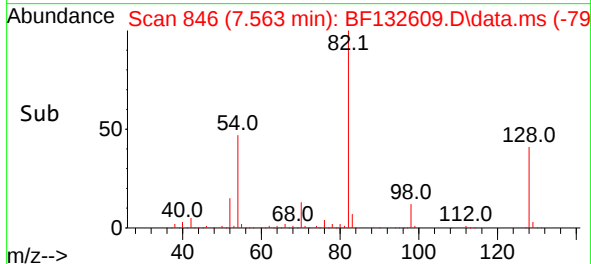
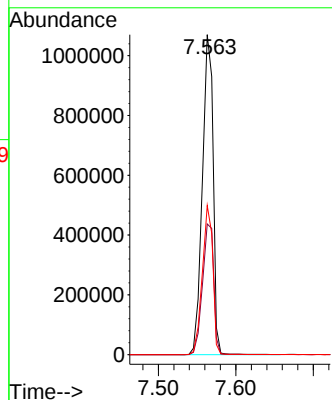
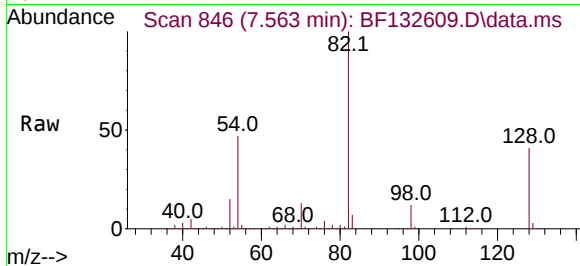




#23
Nitrobenzene-d5
Concen: 63.889 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

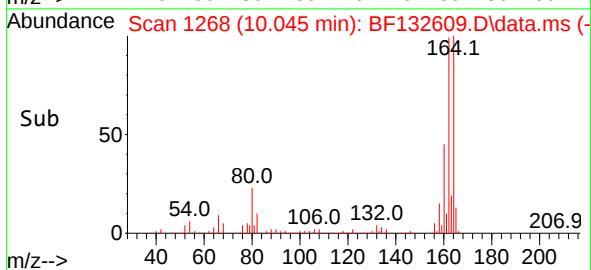
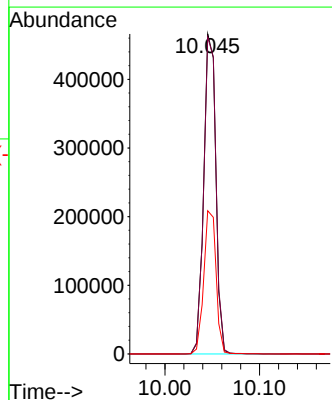
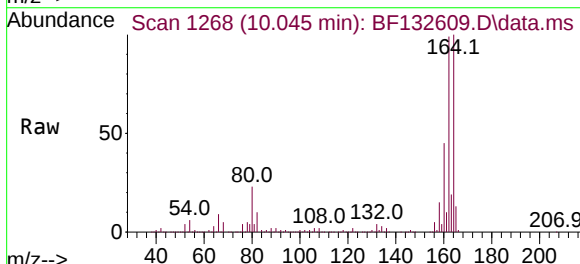
Instrument :
BNA_F
ClientSampleId :
CF-4

Tgt Ion: 82 Resp: 1029927
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 46.6 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Tgt Ion:164 Resp: 413619
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 90.673 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132609.D

Acq: 02 Mar 2023 16:00

Instrument :

BNA_F

ClientSampleId :

CF-4

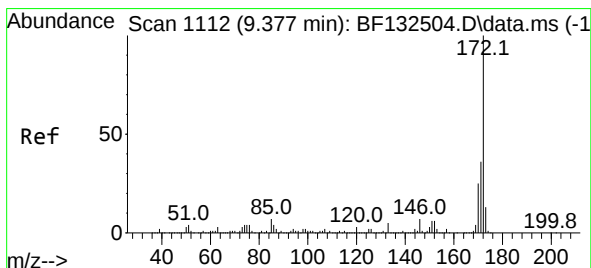
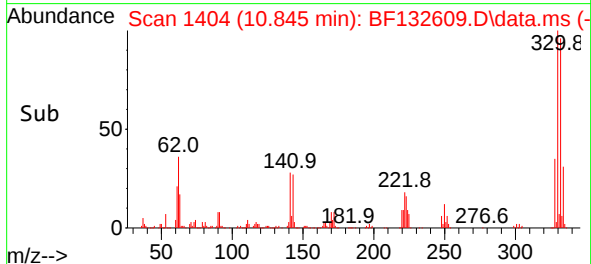
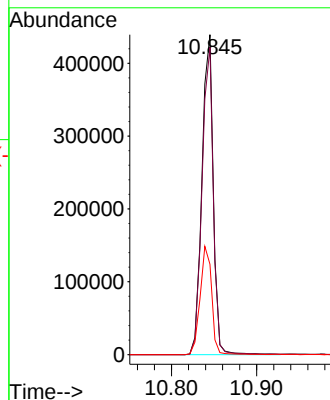
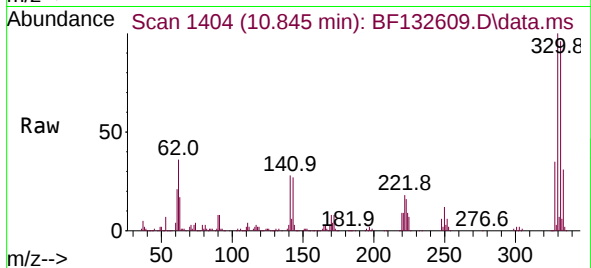
Tgt Ion:330 Resp: 405027

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 34.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 61.015 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132609.D

Acq: 02 Mar 2023 16:00

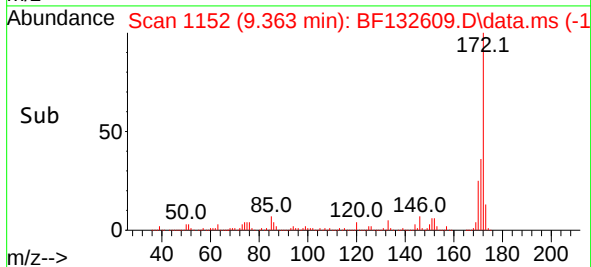
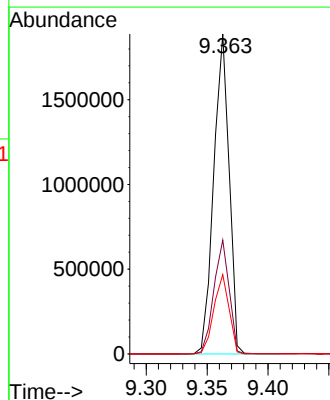
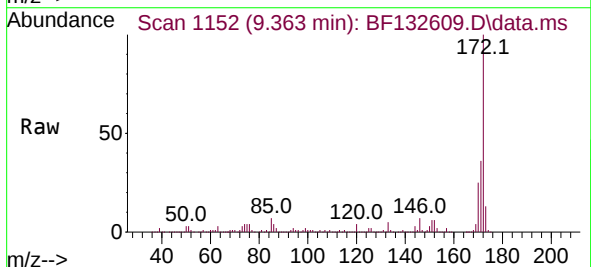
Tgt Ion:172 Resp: 1657436

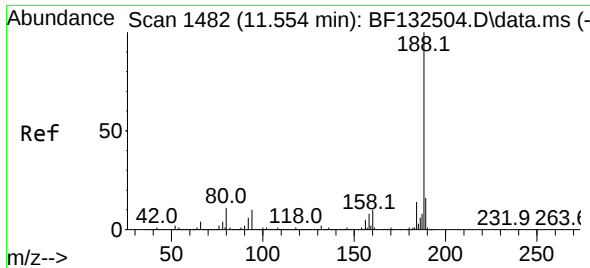
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.8 19.7 29.5

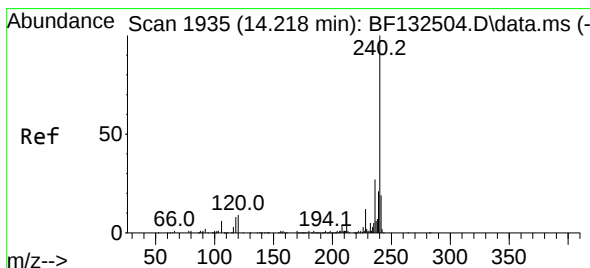
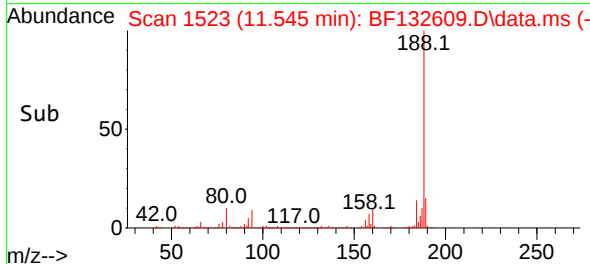
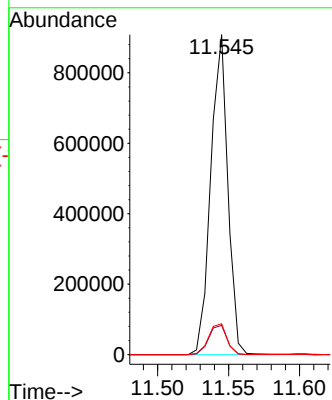
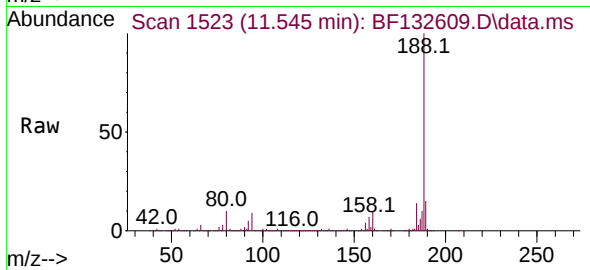




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

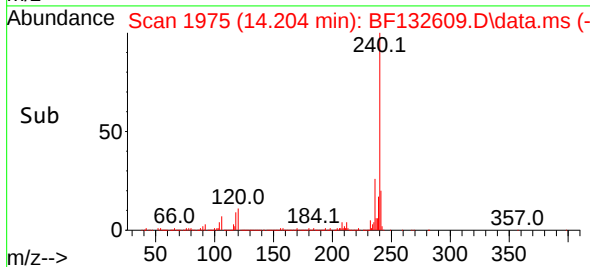
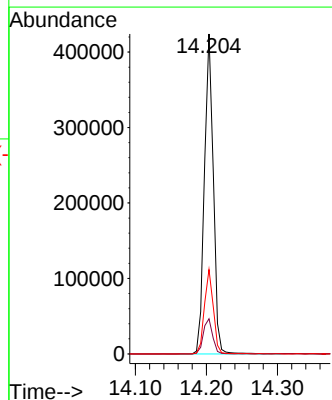
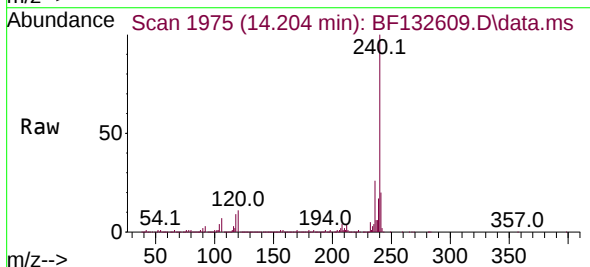
Instrument :
BNA_F
ClientSampleId :
CF-4

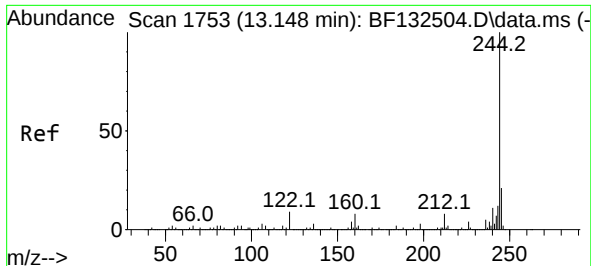
Tgt Ion:188 Resp: 758063
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Tgt Ion:240 Resp: 367079
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 26.4 21.8 32.6

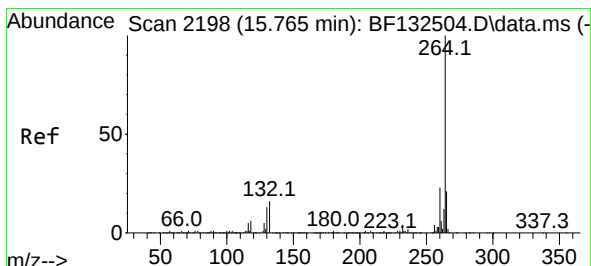
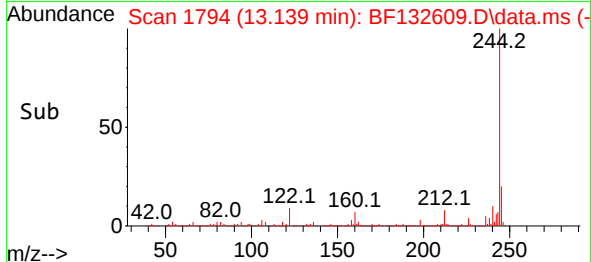
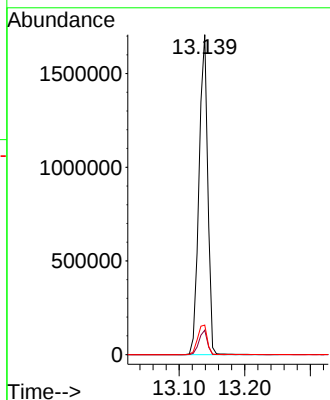
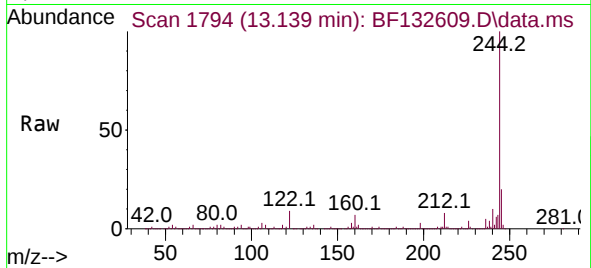




#79
 Terphenyl-d14
 Concen: 72.116 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

Instrument :
 BNA_F
 ClientSampleId :
 CF-4

Tgt Ion:244 Resp: 1565721
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

Tgt Ion:264 Resp: 459889
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.6 17.1 25.7

