

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132611.D
 Acq On : 02 Mar 2023 17:05
 Operator : CG\JU
 Sample : 01749-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-6

Quant Time: Mar 02 17:57:24 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	206023	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	780042	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	405411	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	686420	20.000	ng	0.00
76) Chrysene-d12	14.204	240	325681	20.000	ng	0.00
86) Perylene-d12	15.757	264	331546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1093677	86.156	ng	0.00
7) Phenol-d6	6.622	99	1436989	86.738	ng	-0.01
23) Nitrobenzene-d5	7.563	82	926961	56.380	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	348872	79.683	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1466791	55.090	ng	0.00
79) Terphenyl-d14	13.133	244	1184499	61.492	ng	0.00

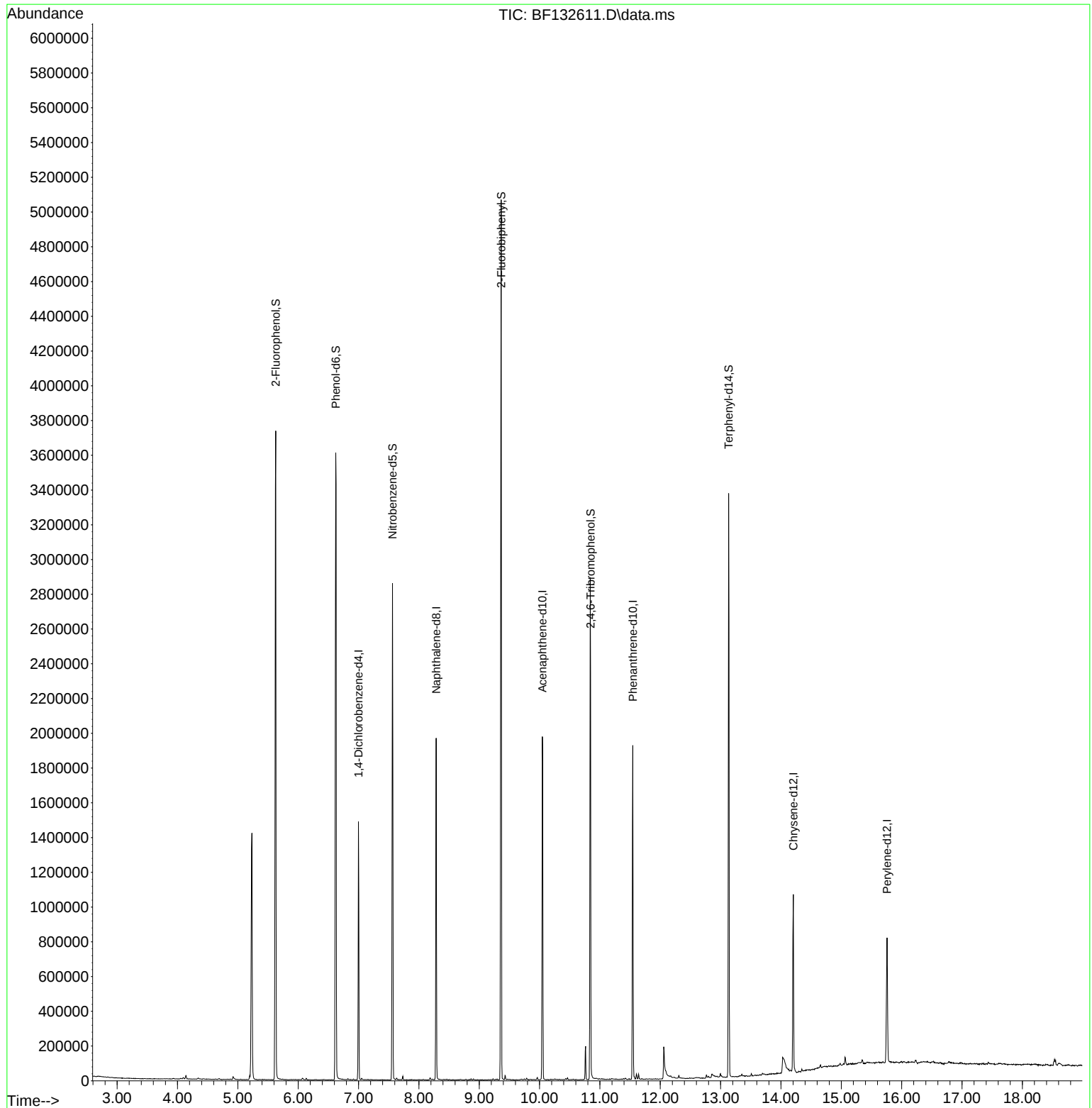
Target Compounds	Qvalue

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

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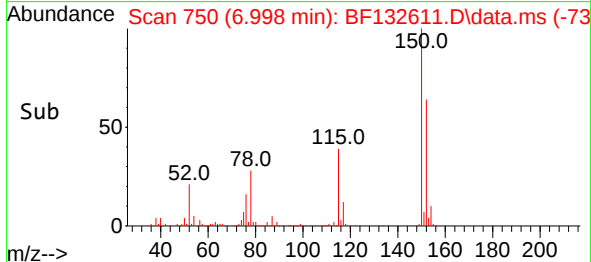
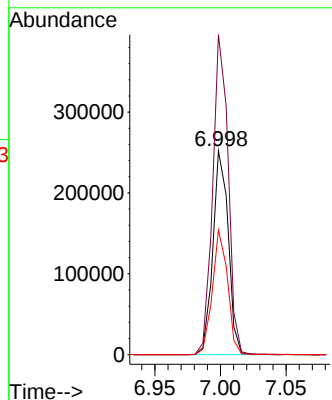
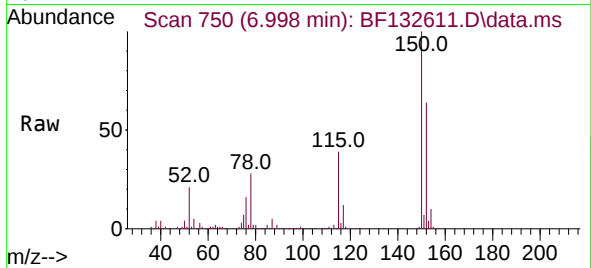




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

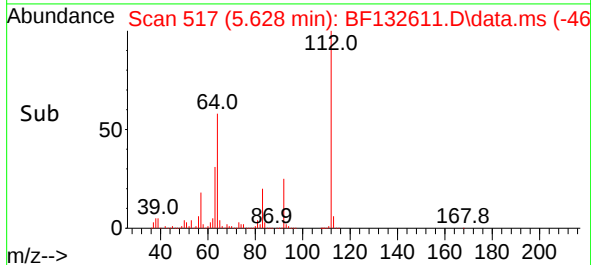
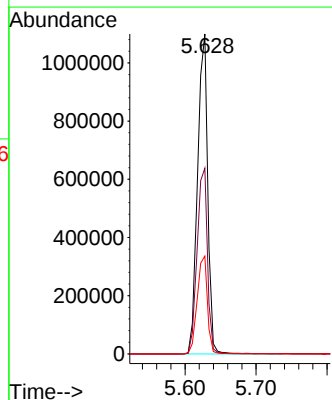
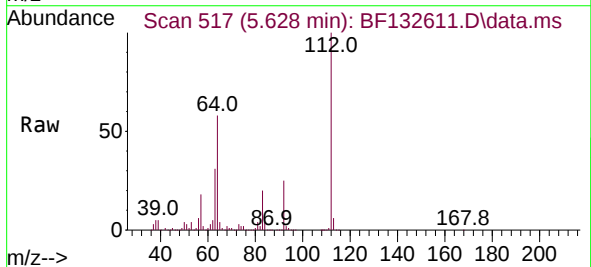
Instrument :
BNA_F
ClientSampleId :
CF-6

Tgt Ion:152 Resp: 206023
Ion Ratio Lower Upper
152 100
150 157.1 125.4 188.2
115 61.2 47.8 71.6



#5
2-Fluorophenol
Concen: 86.156 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

Tgt Ion:112 Resp: 1093677
Ion Ratio Lower Upper
112 100
64 58.0 51.6 77.4
63 30.6 27.4 41.2

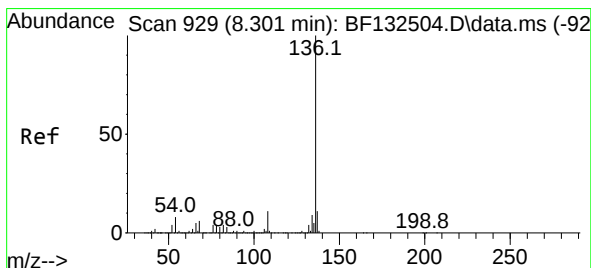
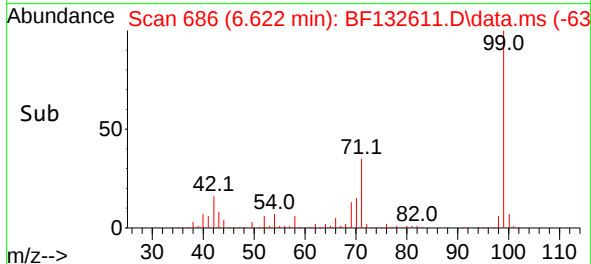
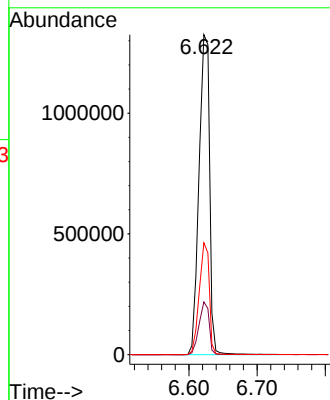
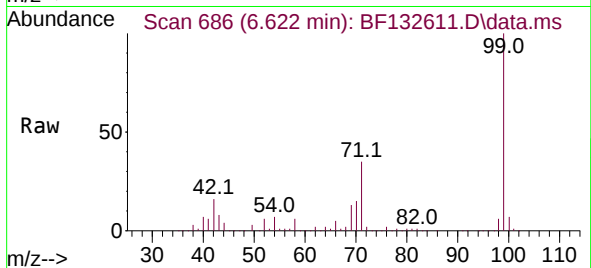




#7
Phenol-d6
Concen: 86.738 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

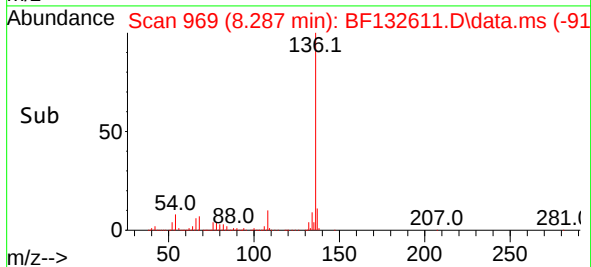
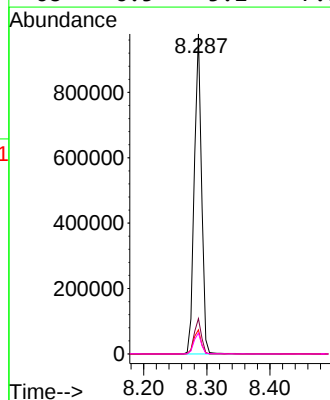
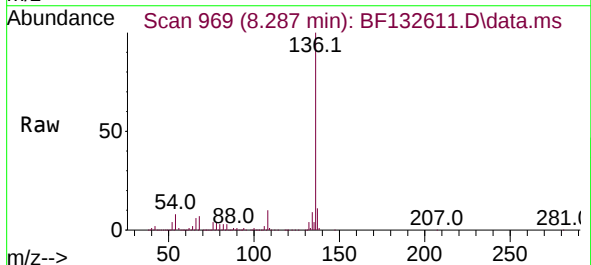
Instrument :
BNA_F
ClientSampleId :
CF-6

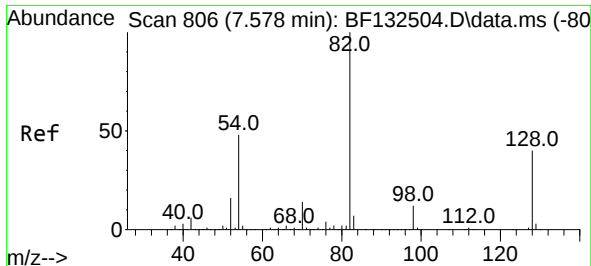
Tgt Ion: 99 Resp: 1436989
Ion Ratio Lower Upper
99 100
42 16.5 13.9 20.9
71 34.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

Tgt Ion: 136 Resp: 780042
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.2 9.4
68 6.5 5.2 7.8

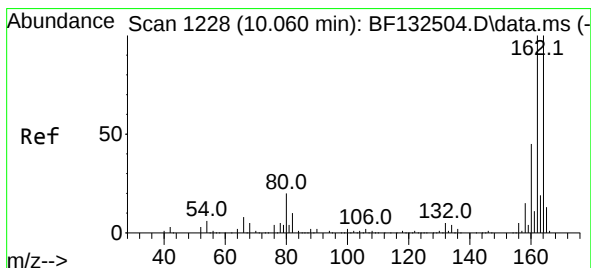
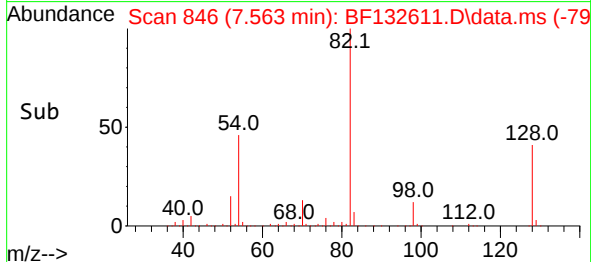
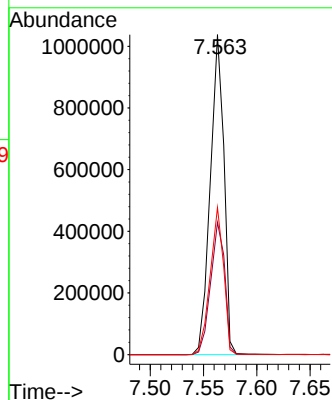
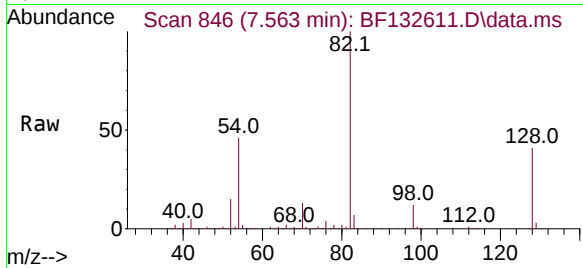




#23
Nitrobenzene-d5
Concen: 56.380 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

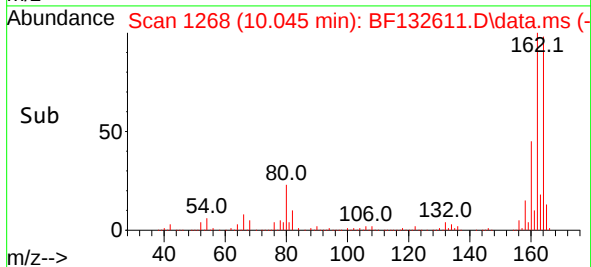
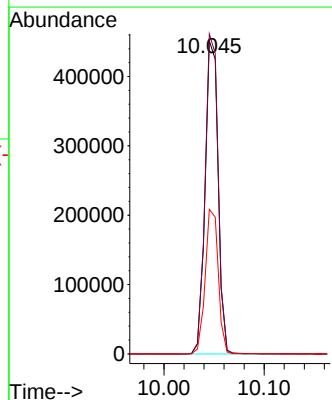
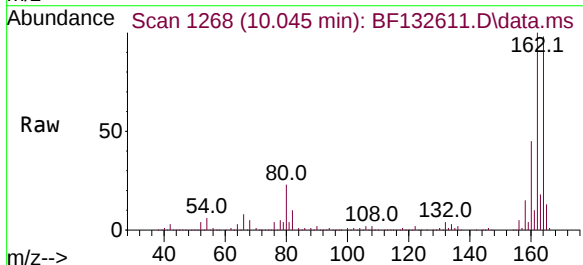
Instrument :
BNA_F
ClientSampleId :
CF-6

Tgt Ion: 82 Resp: 926961
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.2
54 46.0 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: BF132611.D
Acq: 02 Mar 2023 17:05

Tgt Ion:164 Resp: 405411
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.8
160 46.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 79.683 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CF-6

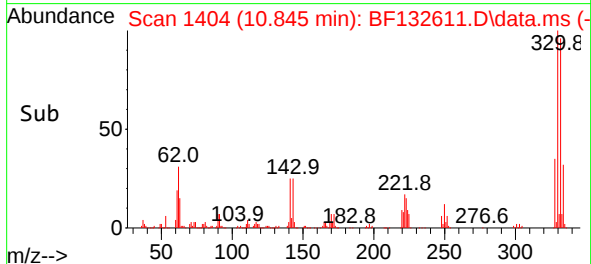
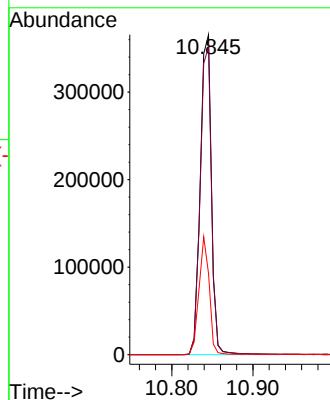
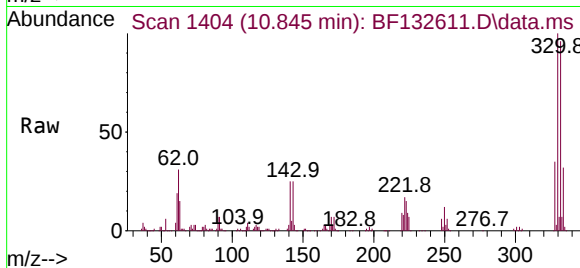
Tgt Ion:330 Resp: 348872

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 33.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 55.090 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

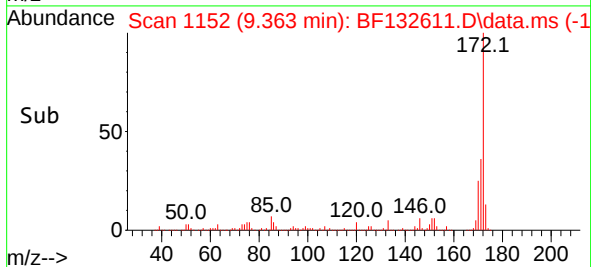
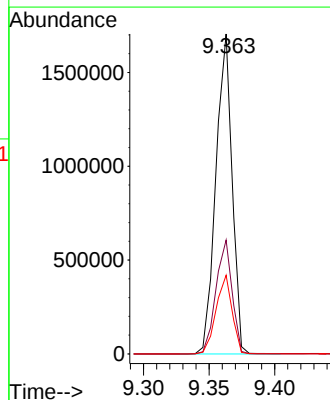
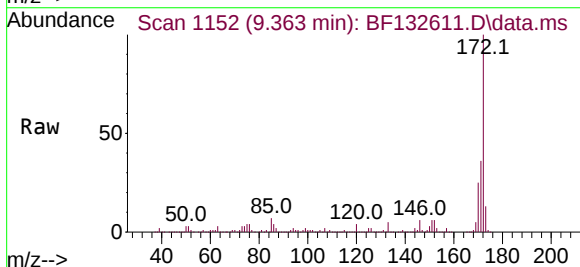
Tgt Ion:172 Resp: 1466791

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.6 19.7 29.5

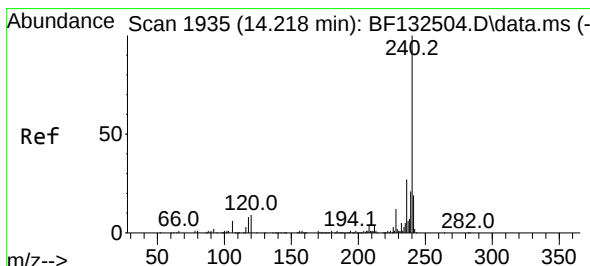
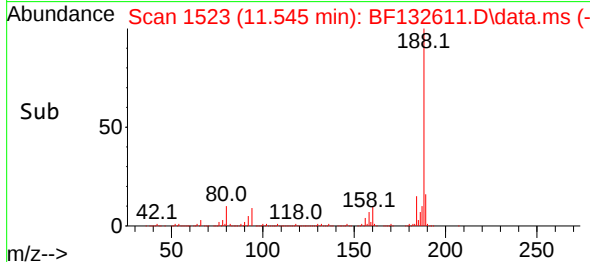
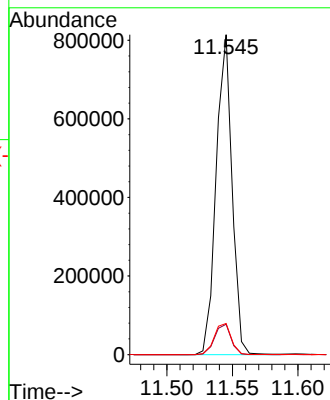
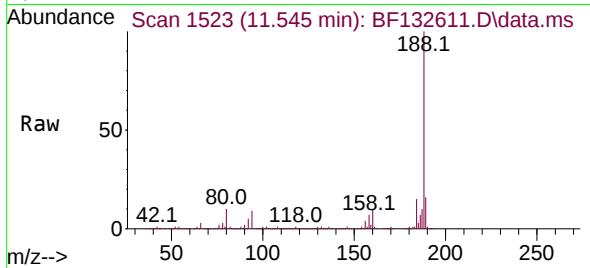




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

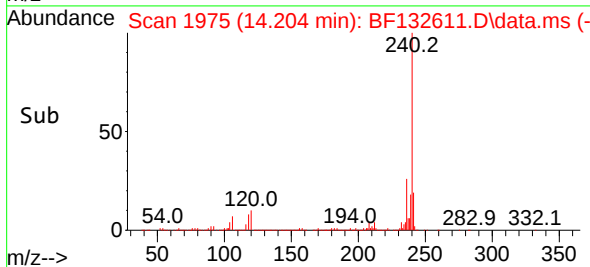
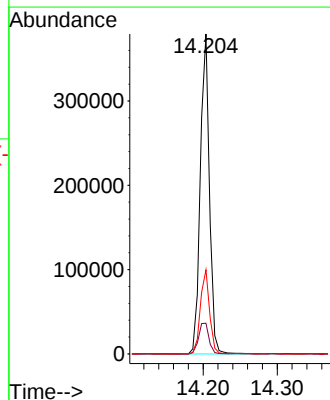
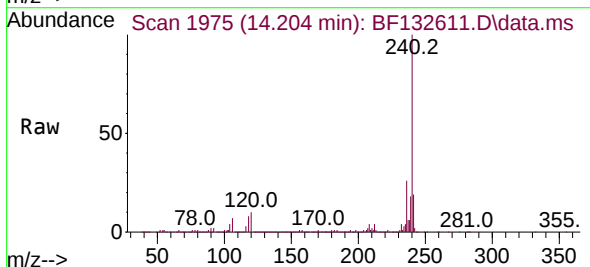
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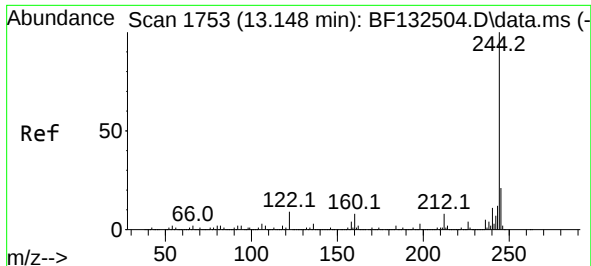
Tgt Ion:188 Resp: 686420
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 9.7 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

Tgt Ion:240 Resp: 325681
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.3 21.8 32.6

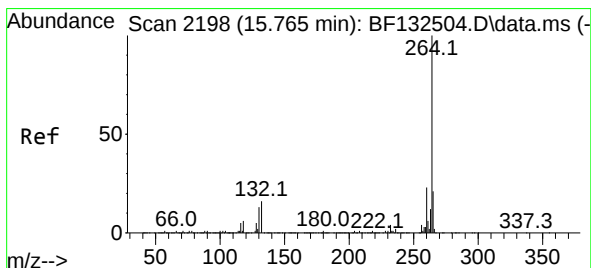
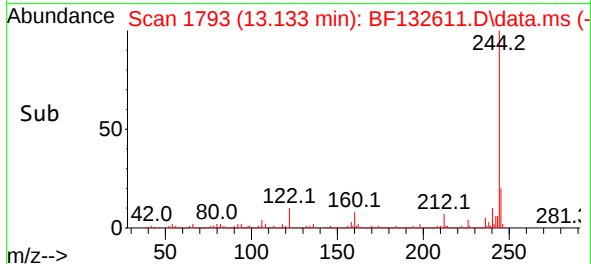
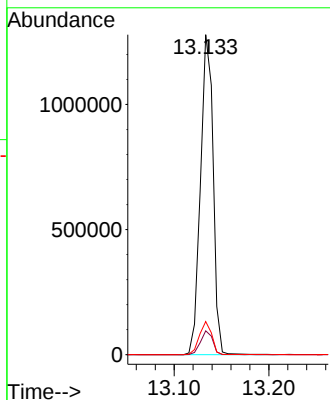
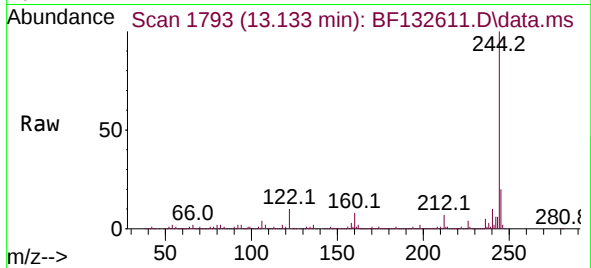




#79
Terphenyl-d14
Concen: 61.492 ng
RT: 13.133 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

Instrument :
BNA_F
ClientSampleId :
CF-6

Tgt Ion:244 Resp: 1184499
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 10.3 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: BF132611.D
Acq: 02 Mar 2023 17:05

Tgt Ion:264 Resp: 331546
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.2 17.1 25.7

