

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132616.D
 Acq On : 02 Mar 2023 19:46
 Operator : CG\JU
 Sample : 01749-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-13

Quant Time: Mar 03 00:38:33 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	210749	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	763337	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	347080	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	534118	20.000	ng	0.00
76) Chrysene-d12	14.204	240	419420	20.000	ng	0.00
86) Perylene-d12	15.757	264	345696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	965478	74.351	ng	0.00
7) Phenol-d6	6.622	99	1261111	74.415	ng	-0.01
23) Nitrobenzene-d5	7.563	82	826600	51.376	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	226961	60.550	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1293566	56.750	ng	0.00
79) Terphenyl-d14	13.133	244	1066277	42.983	ng	0.00

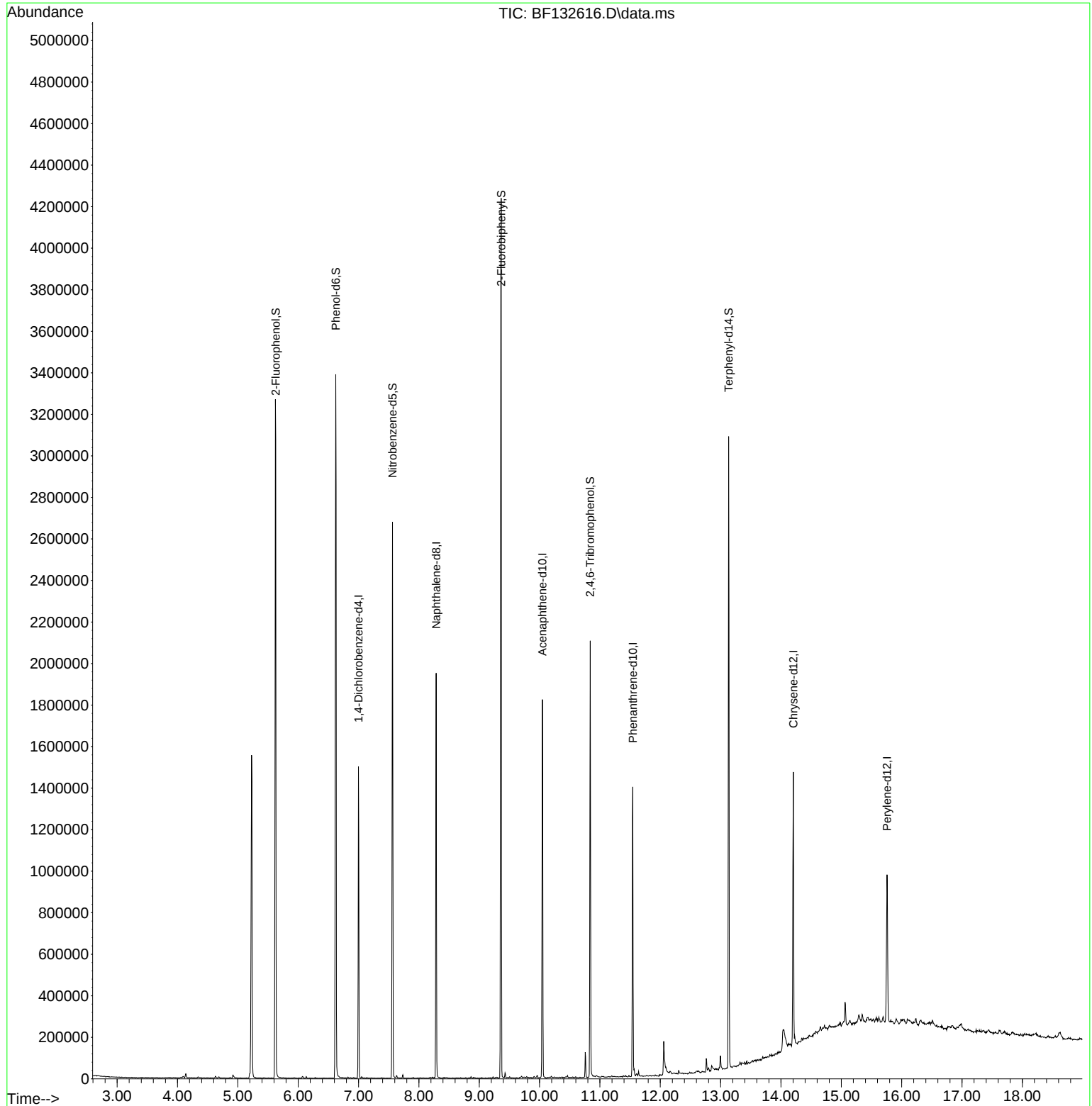
Target Compounds Qvalue

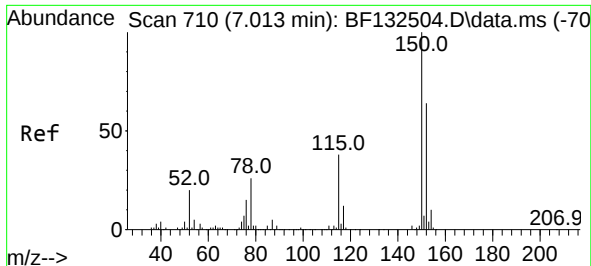
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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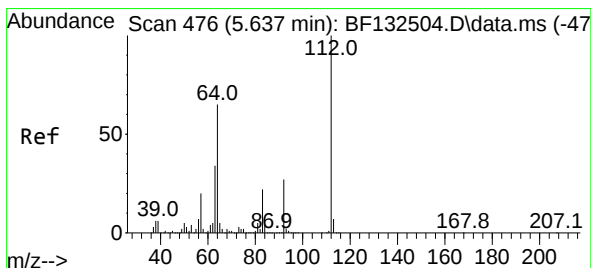
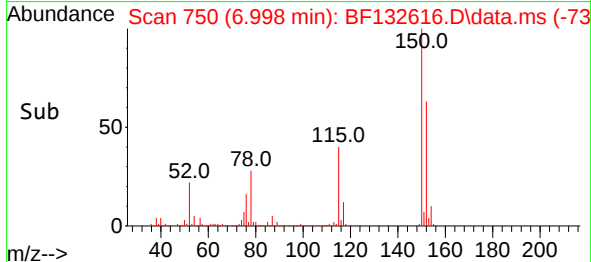
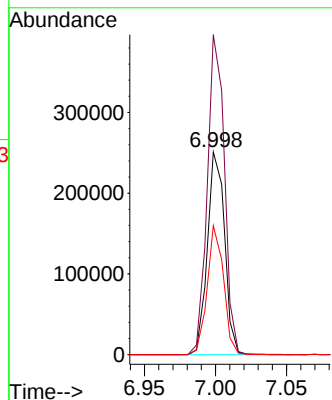
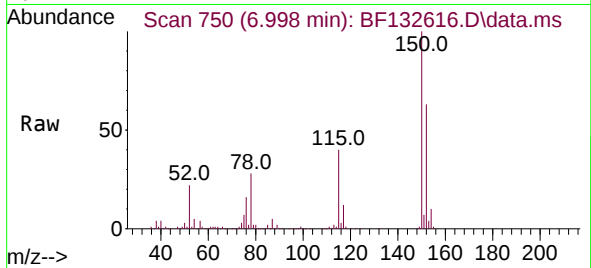




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

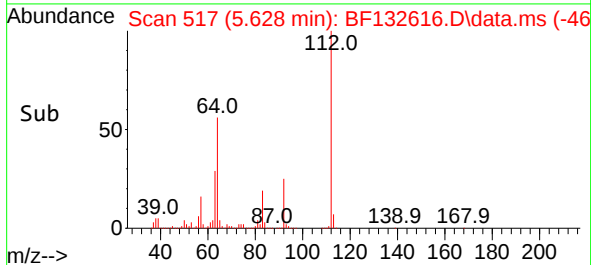
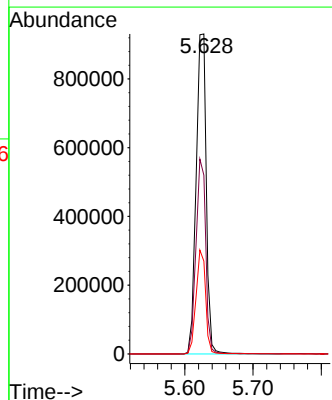
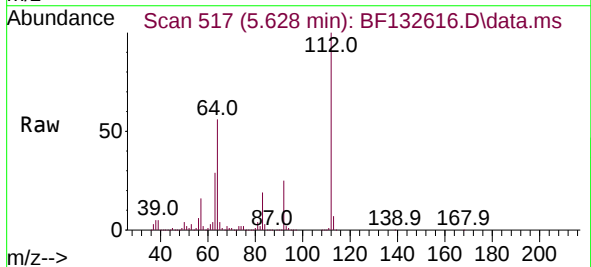
Instrument :
BNA_F
ClientSampleId :
CF-13

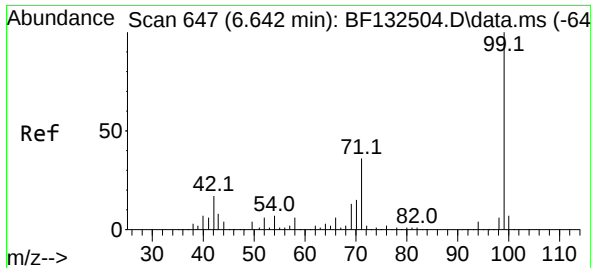
Tgt Ion:152 Resp: 210749
Ion Ratio Lower Upper
152 100
150 157.9 125.4 188.2
115 63.6 47.8 71.6



#5
2-Fluorophenol
Concen: 74.351 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:112 Resp: 965478
Ion Ratio Lower Upper
112 100
64 55.8 51.6 77.4
63 29.0 27.4 41.2

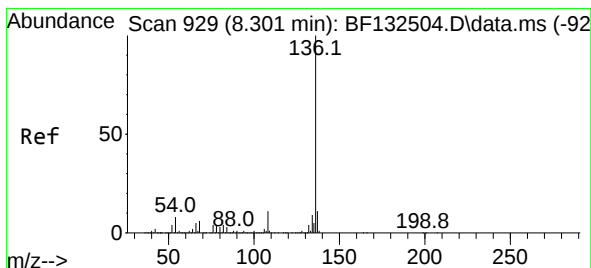
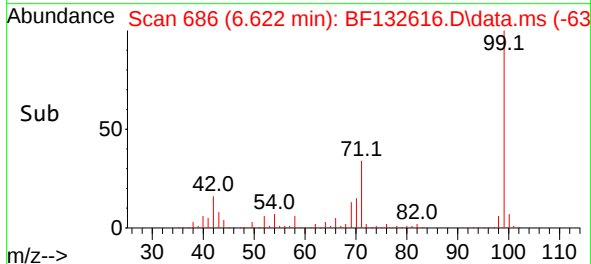
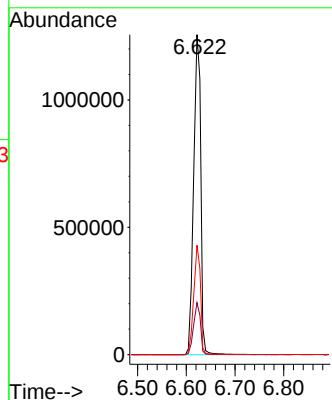
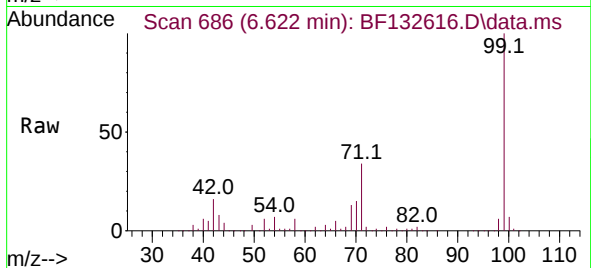




#7
Phenol-d6
Concen: 74.415 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

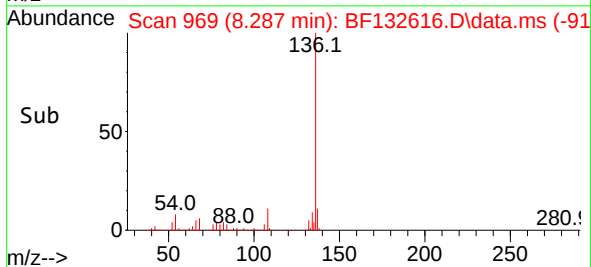
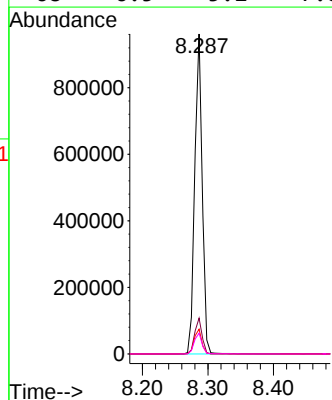
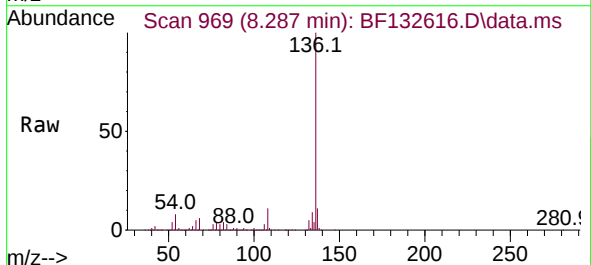
Instrument :
BNA_F
ClientSampleId :
CF-13

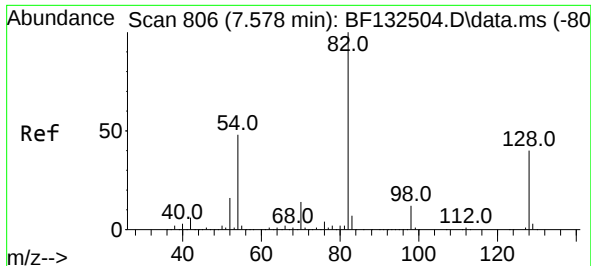
Tgt Ion: 99 Resp: 1261111
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 34.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion: 136 Resp: 763337
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.2 9.4
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 51.376 ng

RT: 7.563 min Scan# 84

Delta R.T. -0.009 min

Lab File: BF132616.D

Acq: 02 Mar 2023 19:46

Instrument :

BNA_F

ClientSampleId :

CF-13

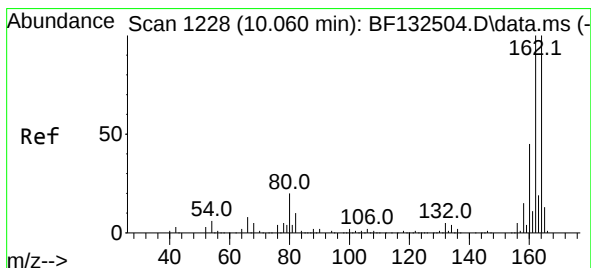
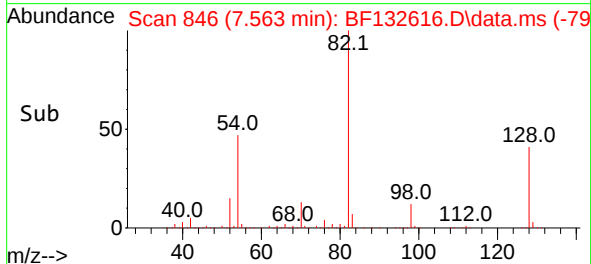
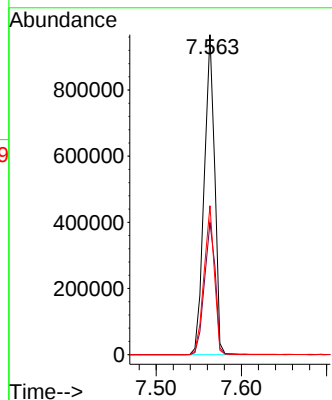
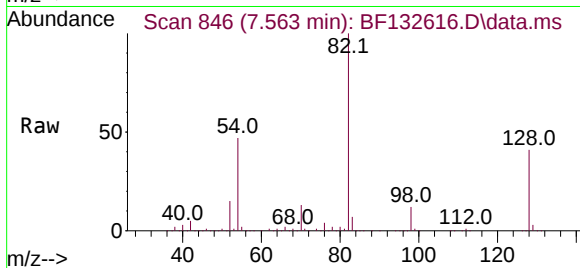
Tgt Ion: 82 Resp: 826600

Ion Ratio Lower Upper

82 100

128 41.3 32.2 48.2

54 46.5 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: BF132616.D

Acq: 02 Mar 2023 19:46

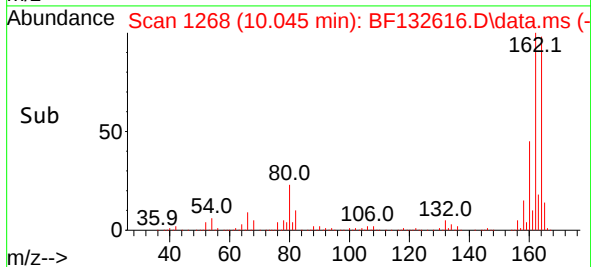
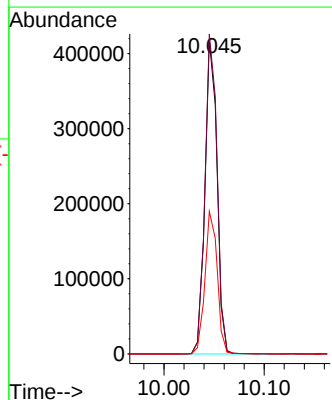
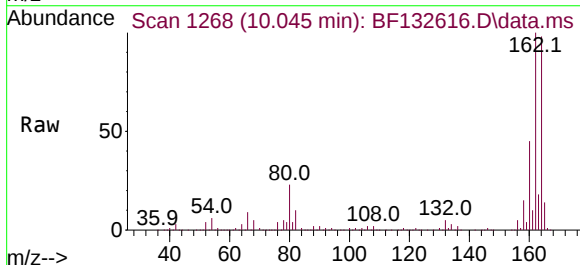
Tgt Ion:164 Resp: 347080

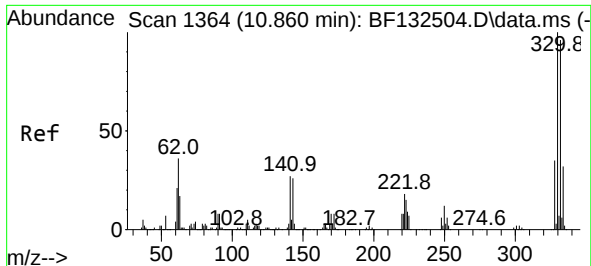
Ion Ratio Lower Upper

164 100

162 101.9 79.8 119.8

160 45.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 60.550 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132616.D

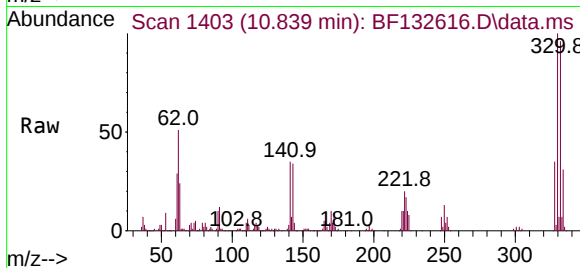
Acq: 02 Mar 2023 19:46

Instrument :

BNA_F

ClientSampleId :

CF-13



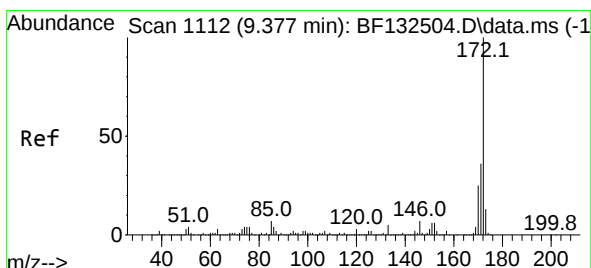
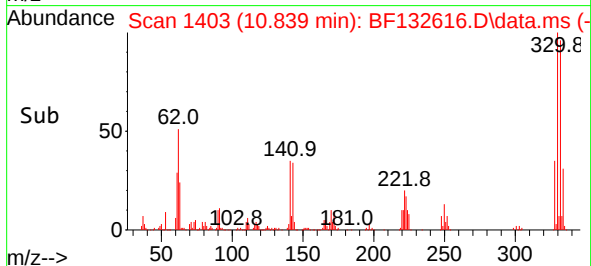
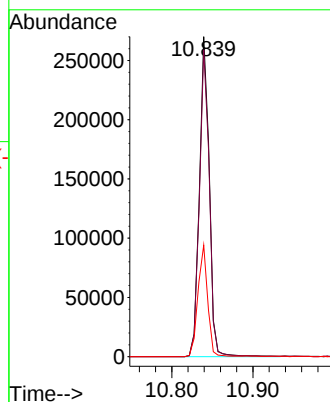
Tgt Ion:330 Resp: 226961

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 34.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 56.750 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132616.D

Acq: 02 Mar 2023 19:46

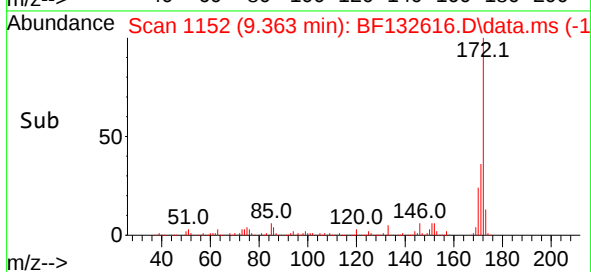
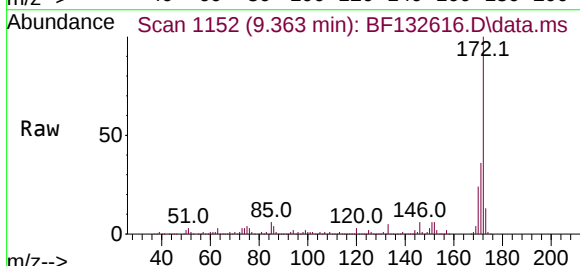
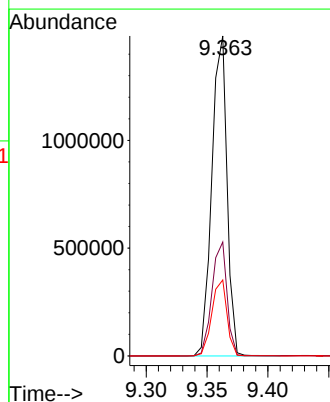
Tgt Ion:172 Resp: 1293566

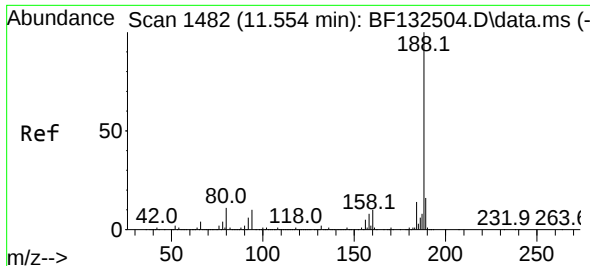
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.7 29.5

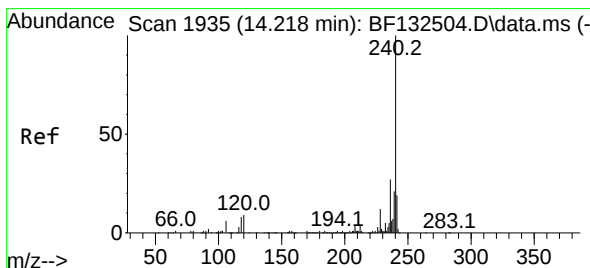
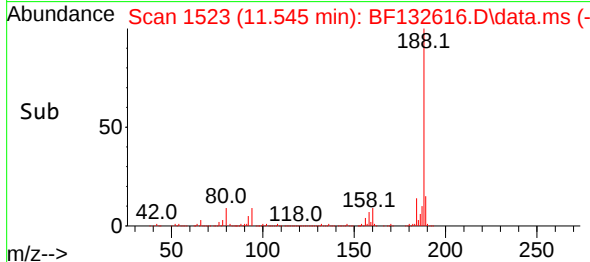
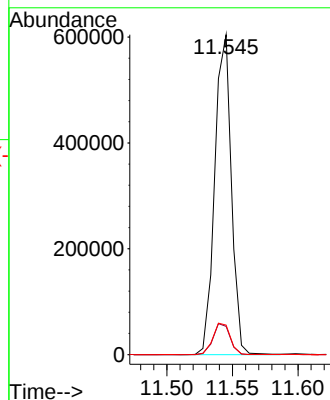
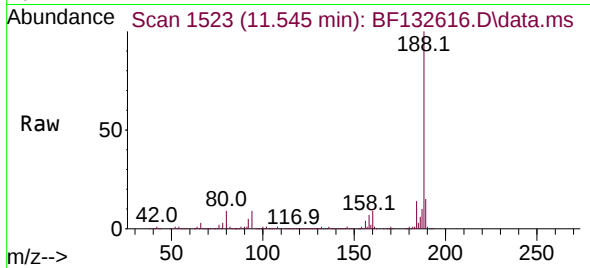




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

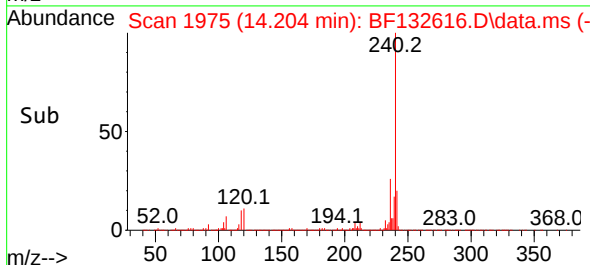
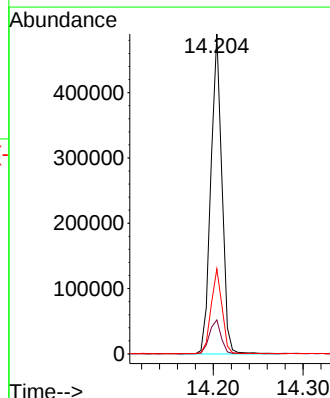
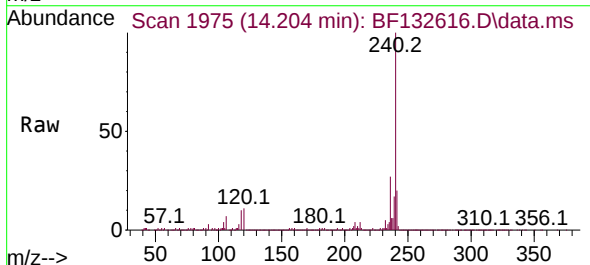
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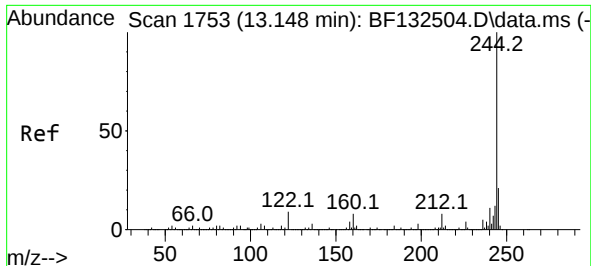
Tgt Ion:188 Resp: 534118
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 9.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:240 Resp: 419420
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.6 21.8 32.6

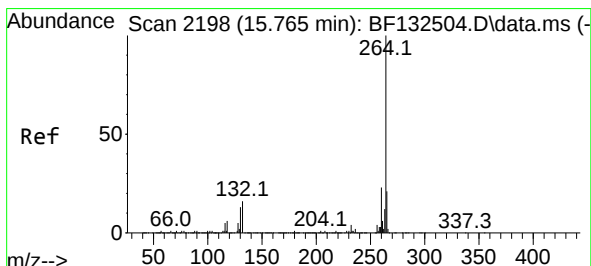
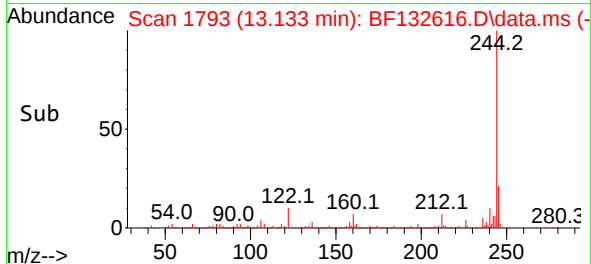
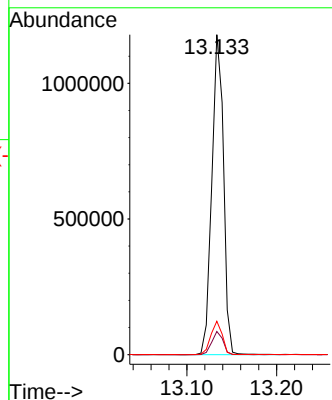
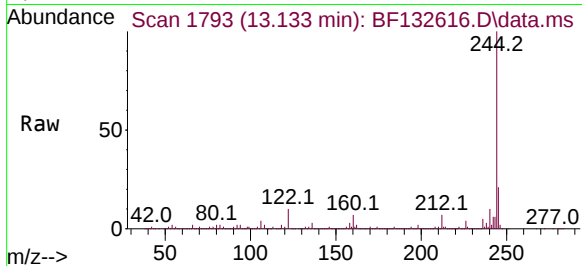




#79
Terphenyl-d14
Concen: 42.983 ng
RT: 13.133 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Instrument :
BNA_F
ClientSampleId :
CF-13

Tgt Ion:244 Resp: 1066277
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 10.4 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: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:264 Resp: 345696
Ion Ratio Lower Upper
264 100
260 25.4 18.8 28.2
265 21.7 17.1 25.7

