

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132620.D
 Acq On : 02 Mar 2023 21:54
 Operator : CG\JU
 Sample : 01742-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251669

Quant Time: Mar 03 00:39:53 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	208678	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	723497	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	314219	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	524972	20.000	ng	0.00
76) Chrysene-d12	14.204	240	373691	20.000	ng	# 0.00
86) Perylene-d12	15.763	264	296435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	215988	16.798	ng	-0.01
7) Phenol-d6	6.616	99	268465	15.999	ng	-0.02
23) Nitrobenzene-d5	7.557	82	151246	9.918	ng	-0.01
42) 2,4,6-Tribromophenol	10.839	330	42517	12.529	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	273092	13.234	ng	-0.01
79) Terphenyl-d14	13.133	244	249627	11.294	ng	0.00

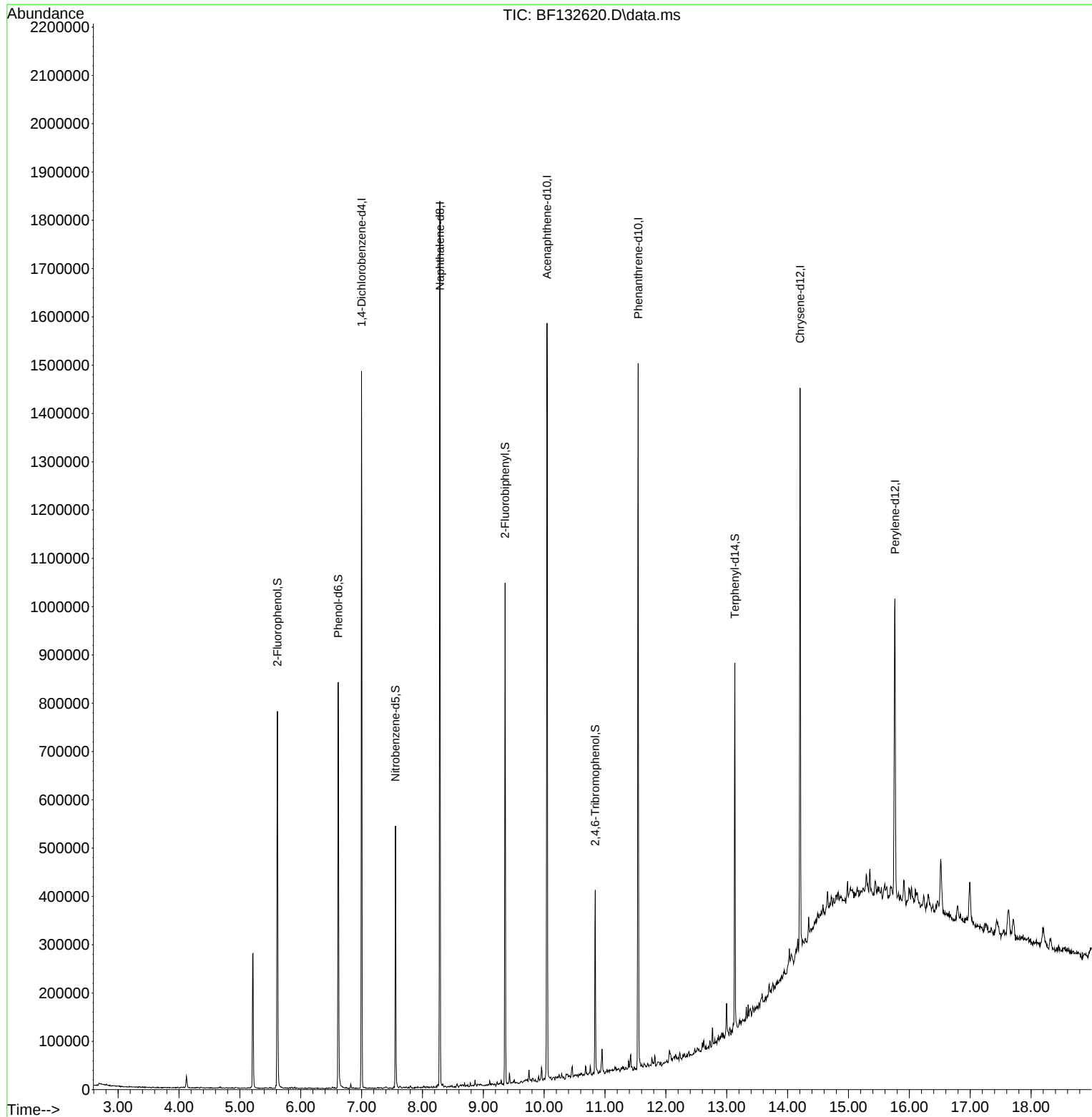
Target Compounds	Qvalue

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

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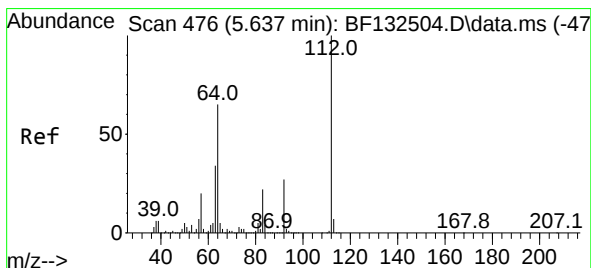
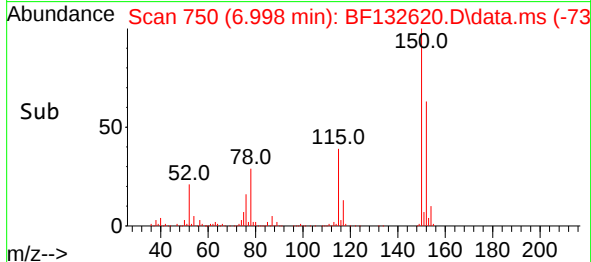
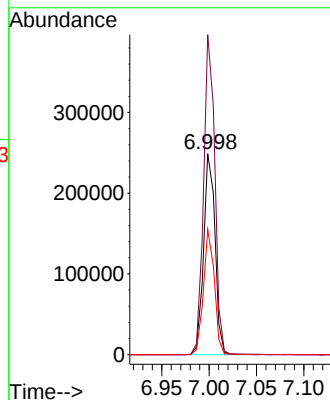
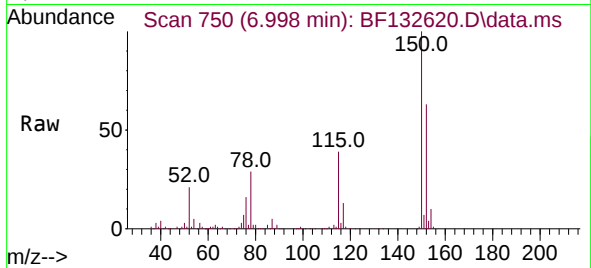




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan# 710
 Delta R.T. -0.009 min
 Lab File: BF132620.D
 Acq: 02 Mar 2023 21:54

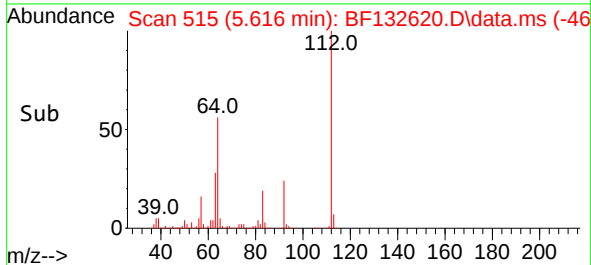
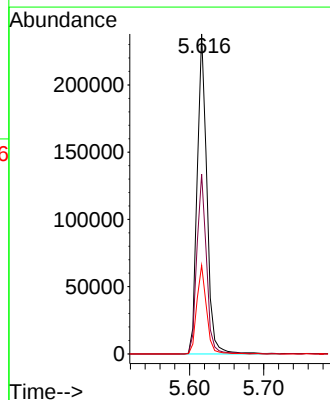
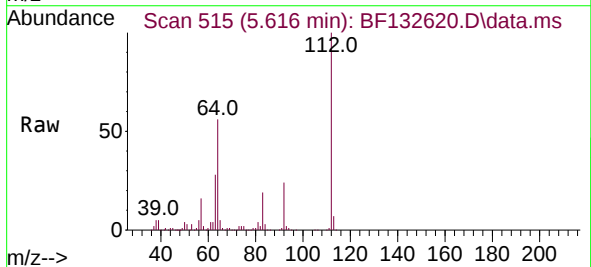
Instrument :
 BNA_F
 ClientSampleId :
 RBR251669

Tgt Ion:152 Resp: 208678
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.4 188.2
 115 62.3 47.8 71.6



#5
 2-Fluorophenol
 Concen: 16.798 ng
 RT: 5.616 min Scan# 515
 Delta R.T. -0.015 min
 Lab File: BF132620.D
 Acq: 02 Mar 2023 21:54

Tgt Ion:112 Resp: 215988
 Ion Ratio Lower Upper
 112 100
 64 56.2 51.6 77.4
 63 27.7 27.4 41.2

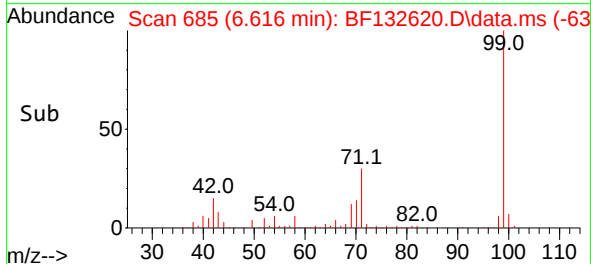
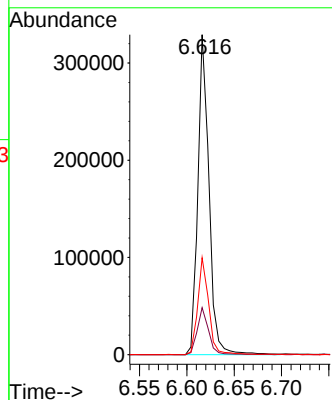
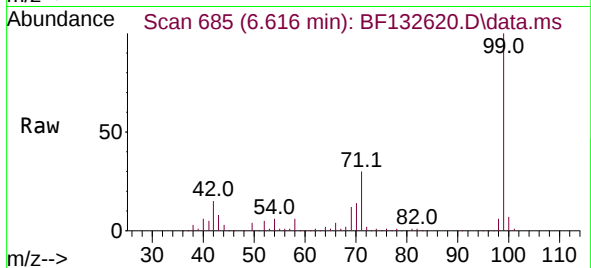




#7
Phenol-d6
Concen: 15.999 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.020 min
Lab File: BF132620.D
Acq: 02 Mar 2023 21:54

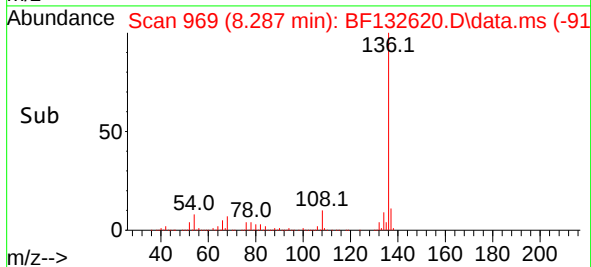
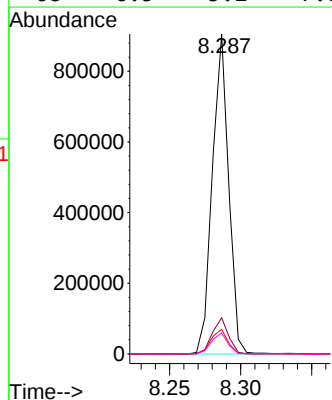
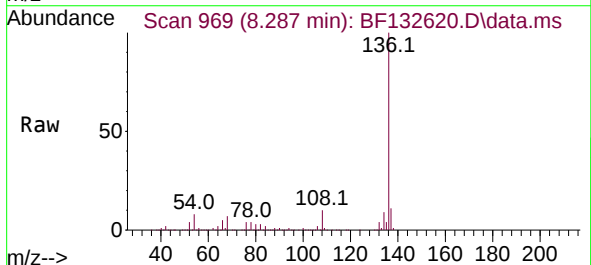
Instrument :
BNA_F
ClientSampleId :
RBR251669

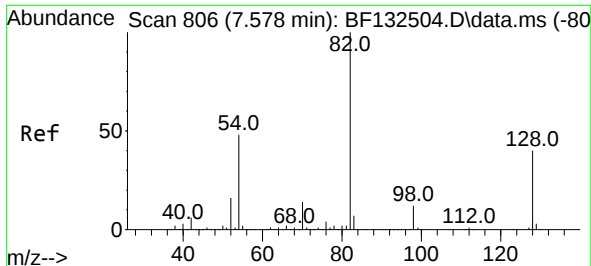
Tgt Ion: 99 Resp: 268465
Ion Ratio Lower Upper
99 100
42 14.7 13.9 20.9
71 30.3 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132620.D
Acq: 02 Mar 2023 21:54

Tgt Ion:136 Resp: 723497
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 6.2 9.4
68 6.5 5.2 7.8

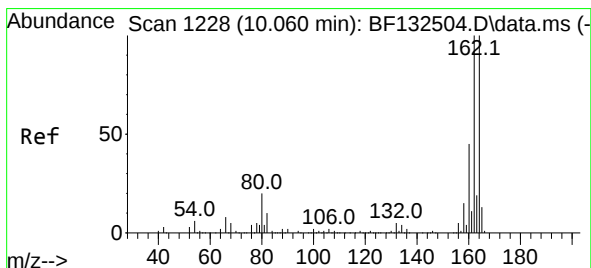
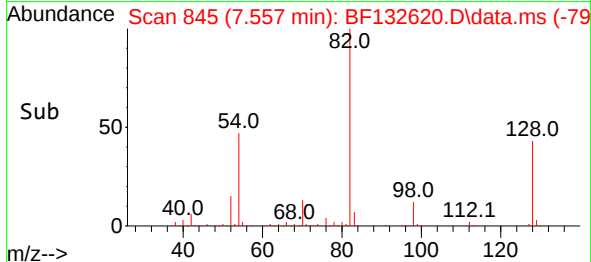
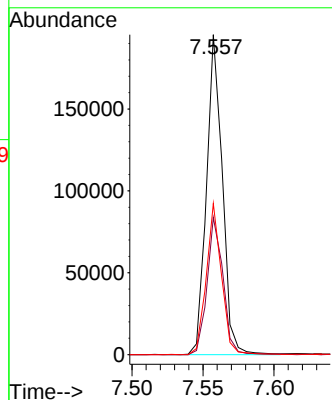
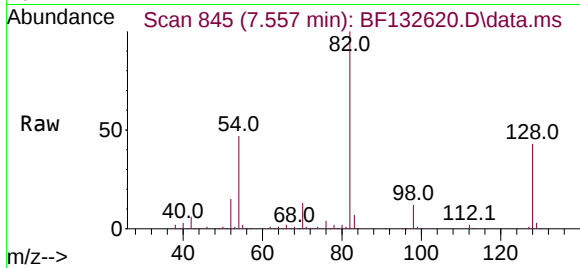




#23
Nitrobenzene-d5
Concen: 9.918 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.015 min
Lab File: BF132620.D
Acq: 02 Mar 2023 21:54

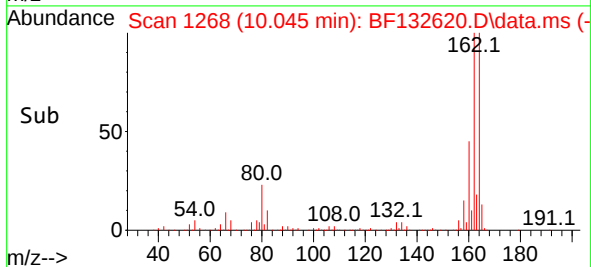
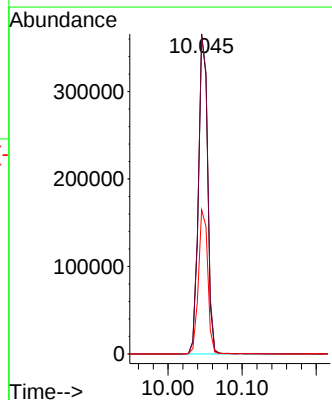
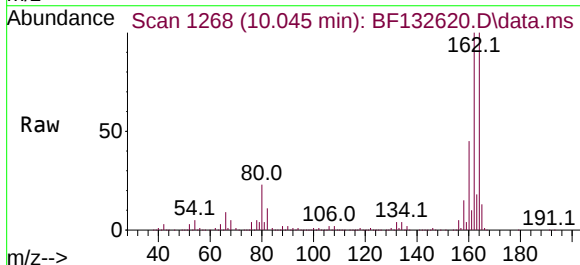
Instrument :
BNA_F
ClientSampleId :
RBR251669

Tgt Ion: 82 Resp: 151246
Ion Ratio Lower Upper
82 100
128 42.8 32.2 48.2
54 47.2 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: BF132620.D
Acq: 02 Mar 2023 21:54

Tgt Ion:164 Resp: 314219
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 12.529 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132620.D

Acq: 02 Mar 2023 21:54

Instrument :

BNA_F

ClientSampleId :

RBR251669

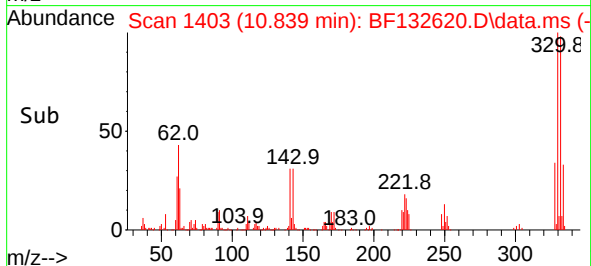
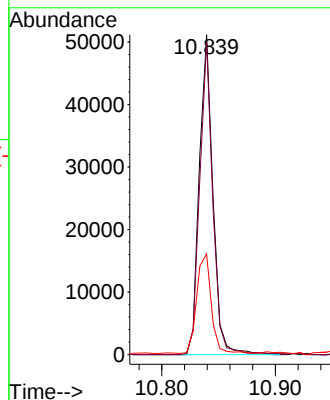
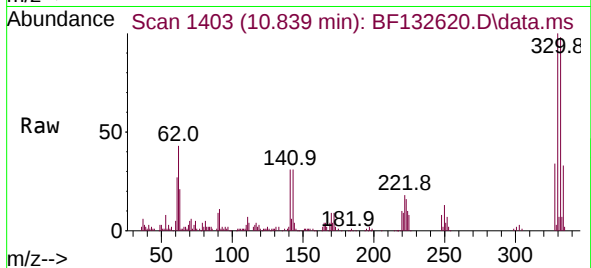
Tgt Ion:330 Resp: 42517

Ion Ratio Lower Upper

330 100

332 94.4 76.2 114.4

141 33.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 13.234 ng

RT: 9.357 min Scan# 1151

Delta R.T. -0.015 min

Lab File: BF132620.D

Acq: 02 Mar 2023 21:54

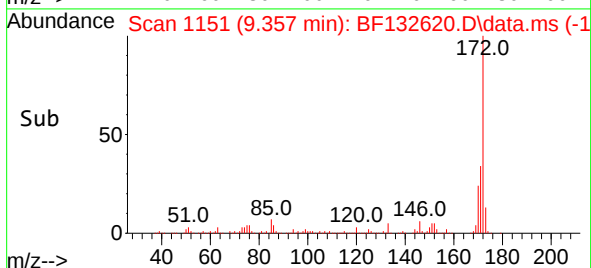
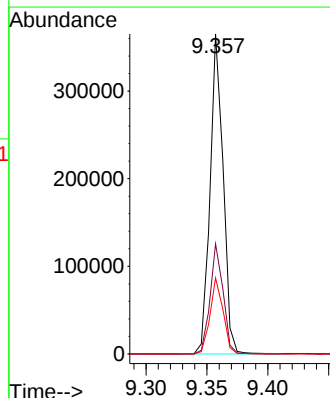
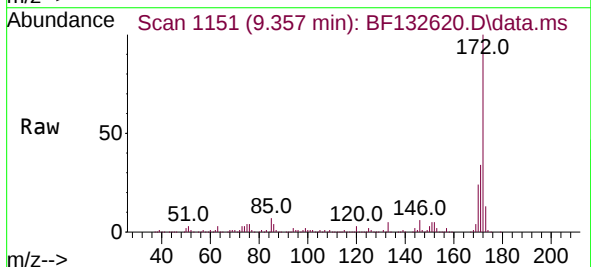
Tgt Ion:172 Resp: 273092

Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.7 19.7 29.5

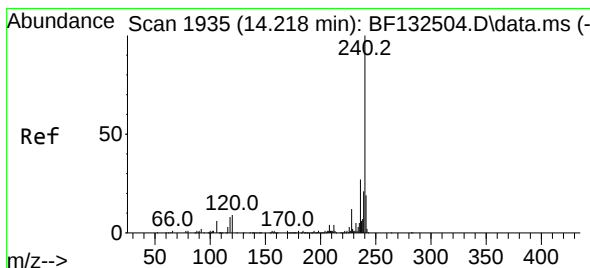
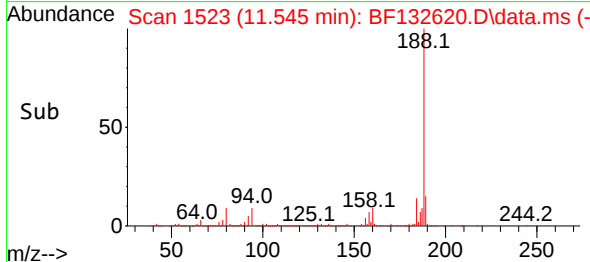
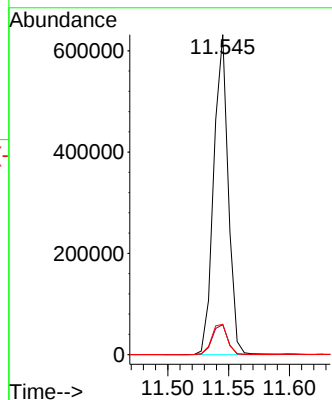
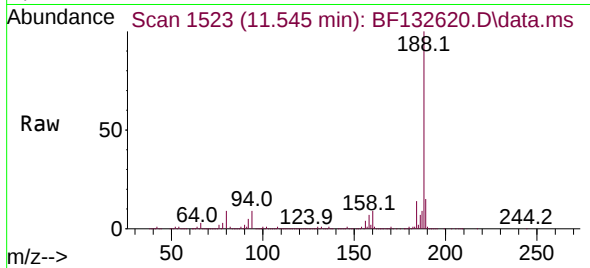




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132620.D
Acq: 02 Mar 2023 21:54

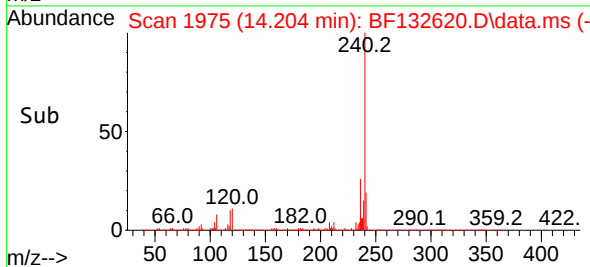
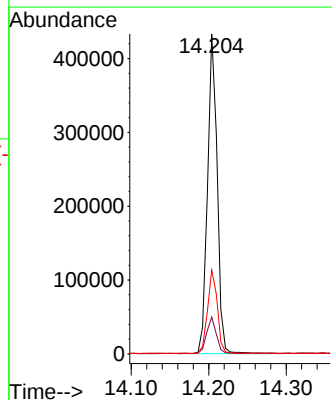
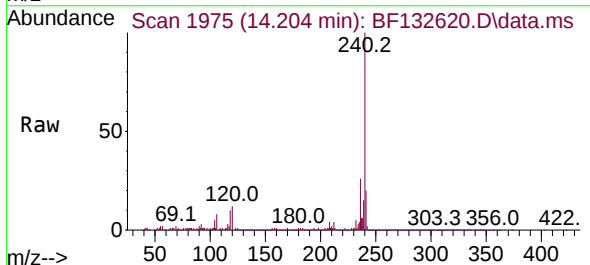
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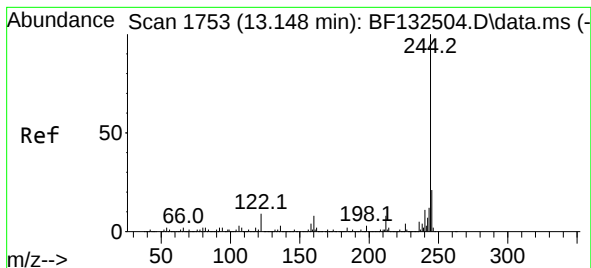
Tgt Ion:188 Resp: 524972
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 9.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132620.D
Acq: 02 Mar 2023 21:54

Tgt Ion:240 Resp: 373691
Ion Ratio Lower Upper
240 100
120 11.5 7.2 10.8#
236 26.2 21.8 32.6





#79

Terphenyl-d14

Concen: 11.294 ng

RT: 13.133 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132620.D

Acq: 02 Mar 2023 21:54

Instrument :

BNA_F

ClientSampleId :

RBR251669

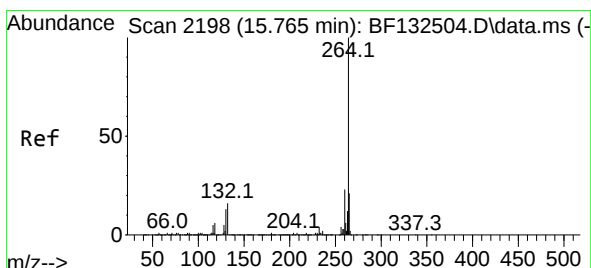
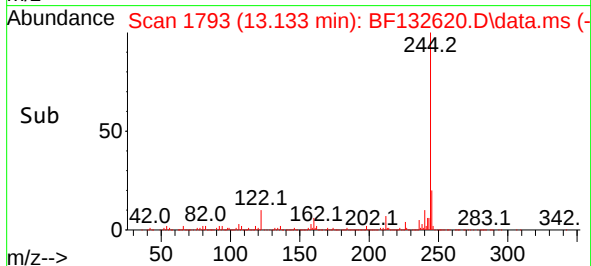
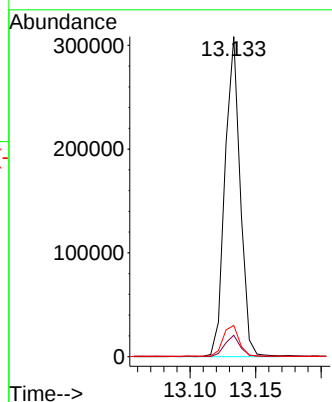
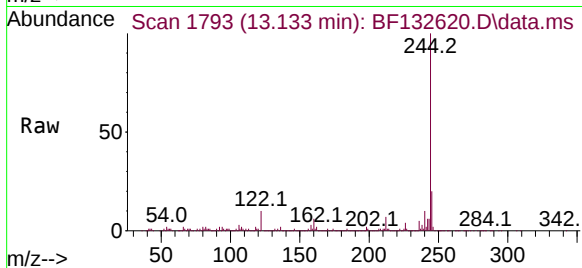
Tgt Ion:244 Resp: 249627

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

122 9.7 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.763 min Scan# 2240

Delta R.T. 0.009 min

Lab File: BF132620.D

Acq: 02 Mar 2023 21:54

Tgt Ion:264 Resp: 296435

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.5 17.1 25.7

