

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132556.D
 Acq On : 27 Feb 2023 17:04
 Operator : CG\JU
 Sample : 01701-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB02

Quant Time: Feb 27 18:00:36 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	7.001	152	141477	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	506948	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	255432	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	405194	20.000	ng	# 0.00
76) Chrysene-d12	14.201	240	307065	20.000	ng	# 0.00
86) Perylene-d12	15.754	264	234023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	928370	106.499	ng	0.00
7) Phenol-d6	6.631	99	1203070	105.749	ng	0.00
23) Nitrobenzene-d5	7.566	82	790773	74.007	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	270092	97.911	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1245458	74.243	ng	0.00
79) Terphenyl-d14	13.136	244	1123285	61.850	ng	0.00

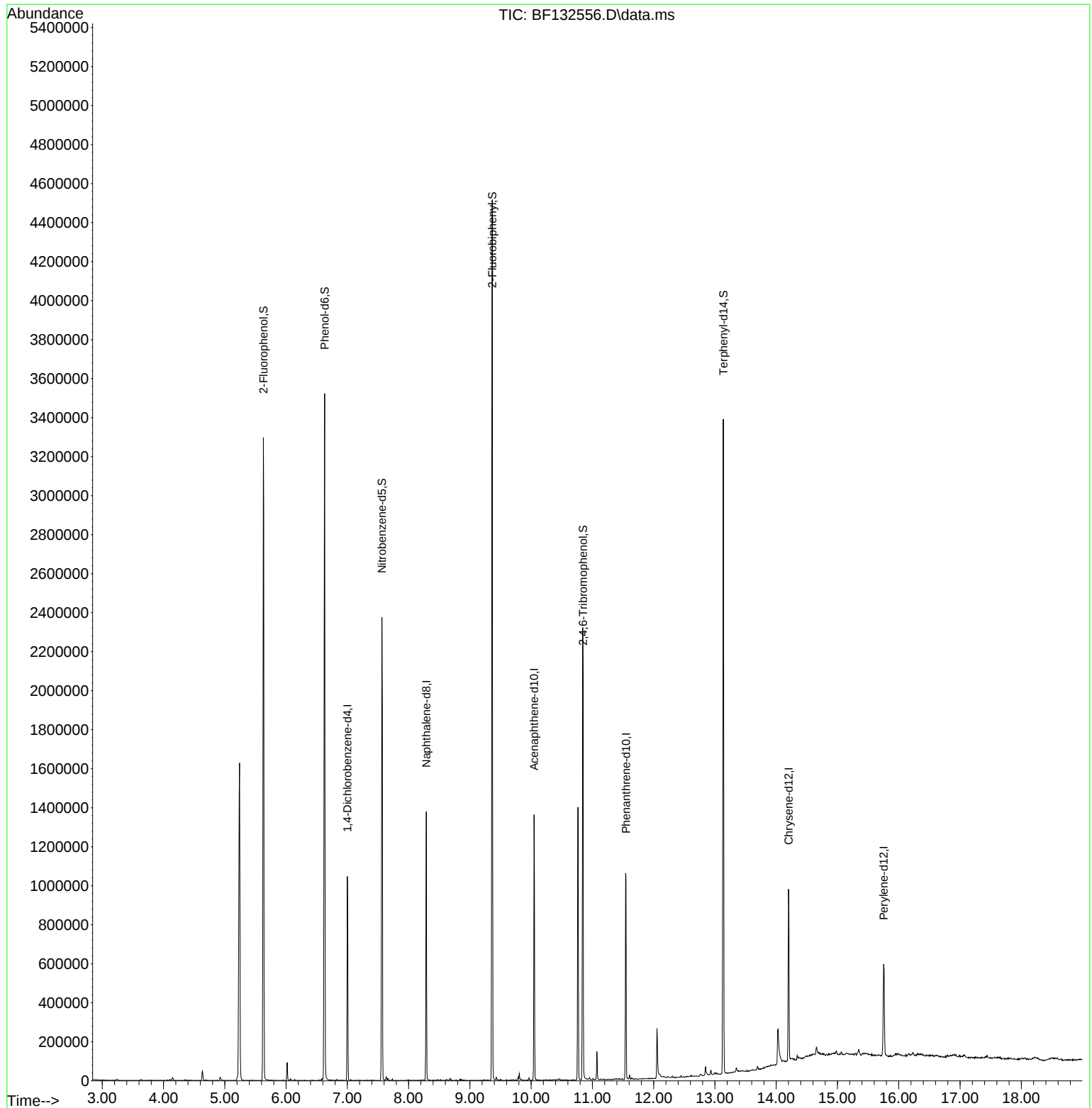
Target Compounds	Qvalue

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

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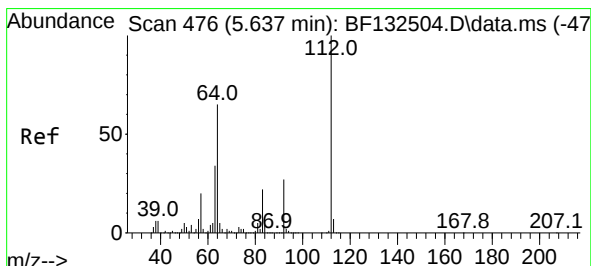
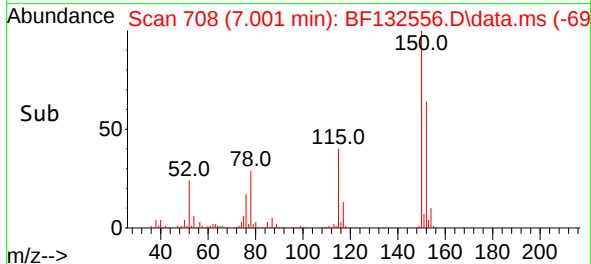
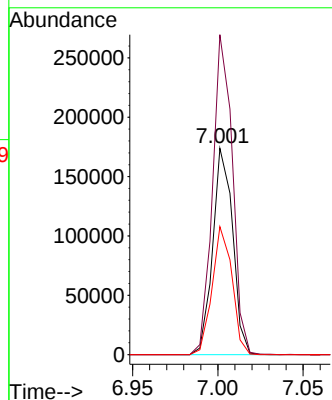
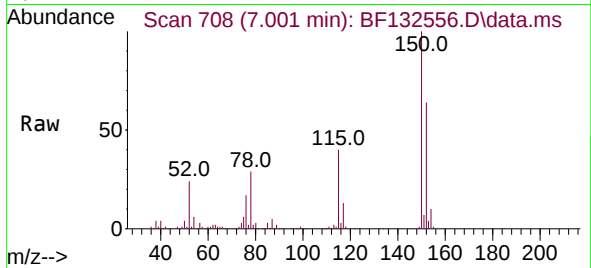




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

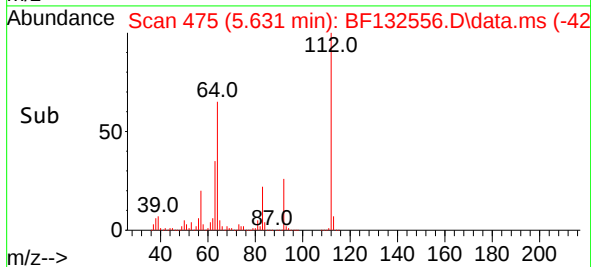
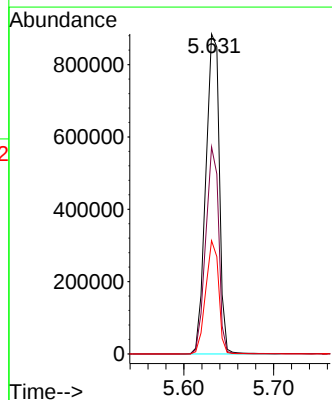
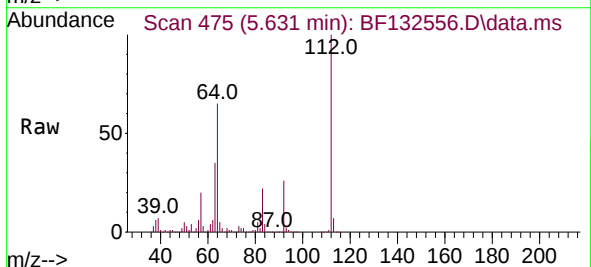
Instrument :
BNA_F
ClientSampleId :
B-19-SB02

Tgt Ion:152 Resp: 141477
Ion Ratio Lower Upper
152 100
150 155.1 125.4 188.2
115 62.0 47.8 71.6



#5
2-Fluorophenol
Concen: 106.499 ng
RT: 5.631 min Scan# 475
Delta R.T. 0.000 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

Tgt Ion:112 Resp: 928370
Ion Ratio Lower Upper
112 100
64 64.7 51.6 77.4
63 35.4 27.4 41.2

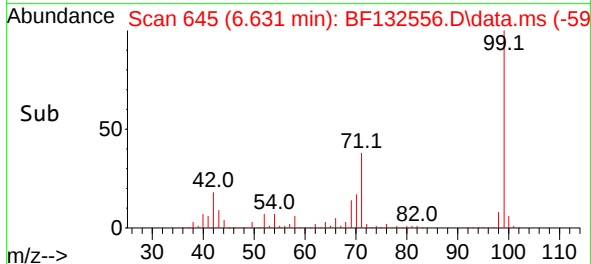
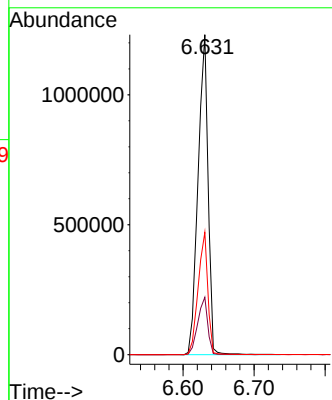
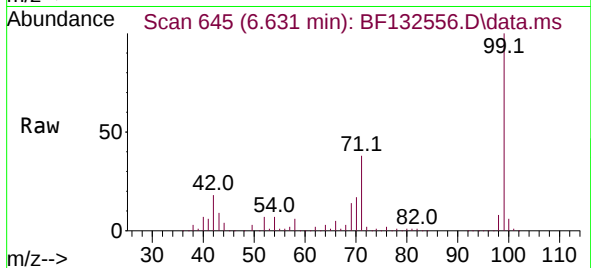




#7
Phenol-d6
Concen: 105.749 ng
RT: 6.631 min Scan# 647
Delta R.T. -0.006 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

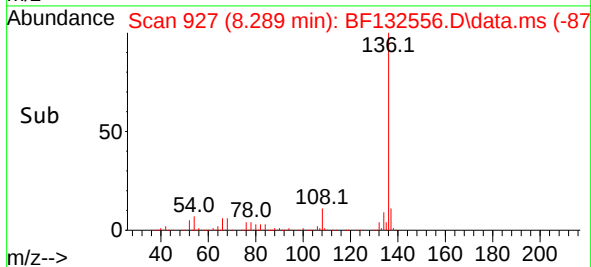
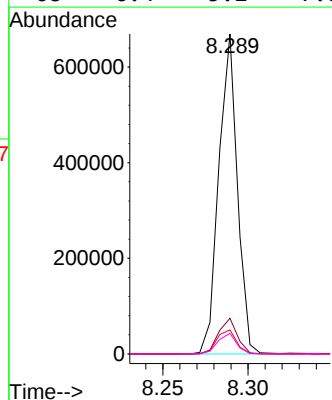
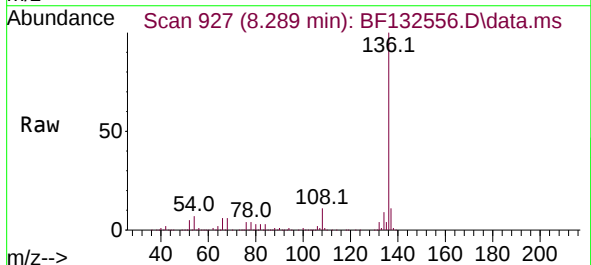
Instrument :
BNA_F
ClientSampleId :
B-19-SB02

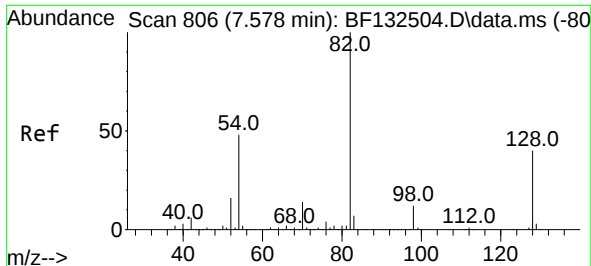
Tgt Ion: 99 Resp: 1203070
Ion Ratio Lower Upper
99 100
42 17.9 13.9 20.9
71 38.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

Tgt Ion: 136 Resp: 506948
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.2 9.4
68 6.4 5.2 7.8

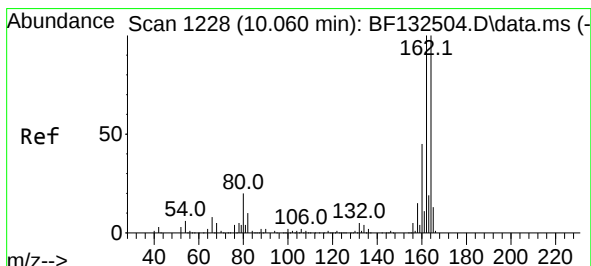
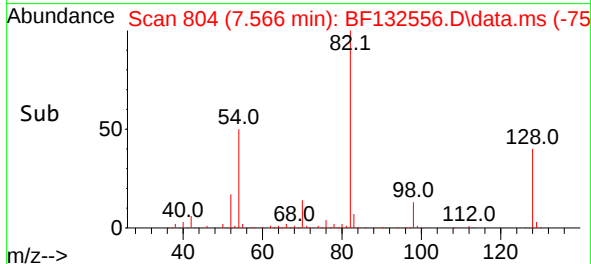
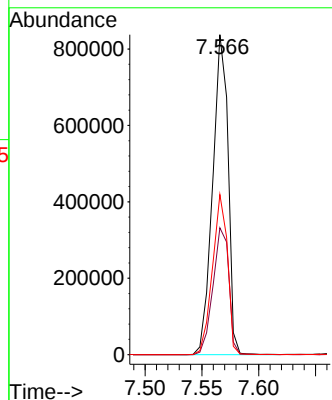
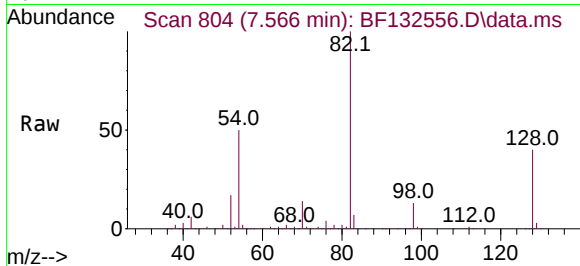




#23
Nitrobenzene-d5
Concen: 74.007 ng
RT: 7.566 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

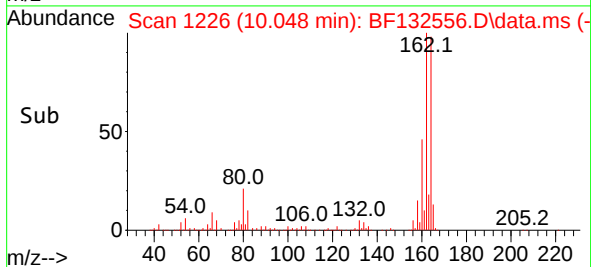
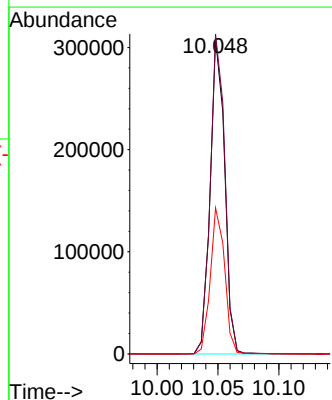
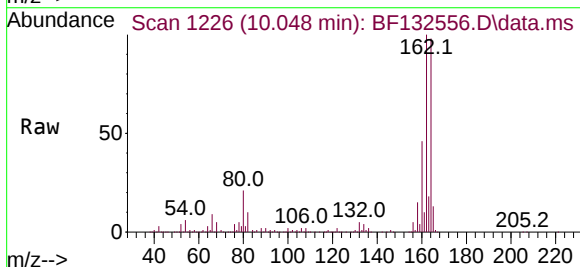
Instrument :
BNA_F
ClientSampleId :
B-19-SB02

Tgt Ion: 82 Resp: 790773
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.2
54 50.0 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.048 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

Tgt Ion:164 Resp: 255432
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 46.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 97.911 ng

RT: 10.848 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132556.D

Acq: 27 Feb 2023 17:04

Instrument :

BNA_F

ClientSampleId :

B-19-SB02

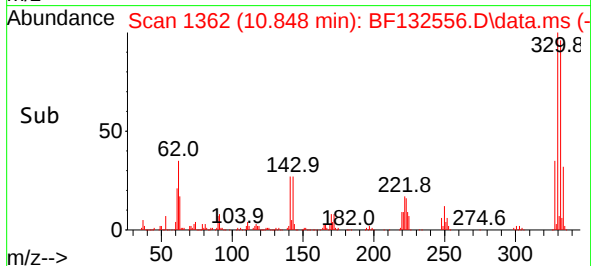
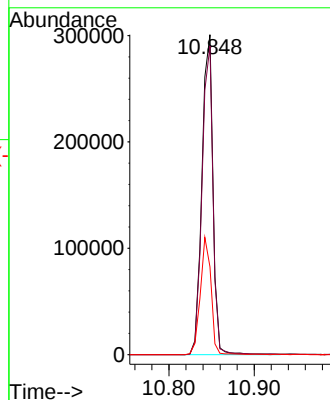
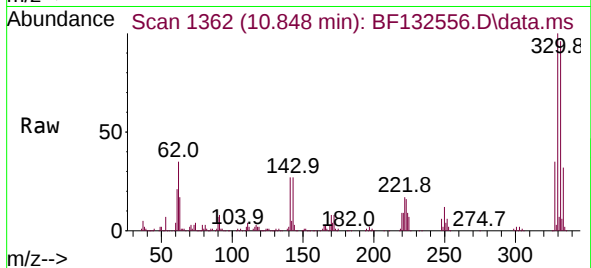
Tgt Ion:330 Resp: 270092

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 35.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 74.243 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132556.D

Acq: 27 Feb 2023 17:04

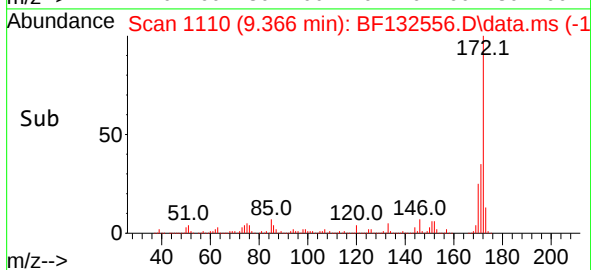
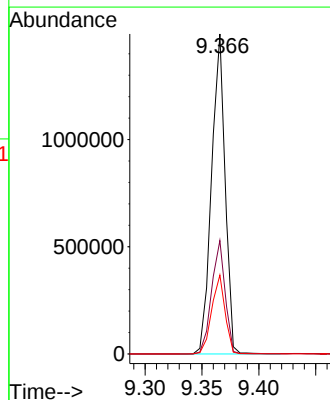
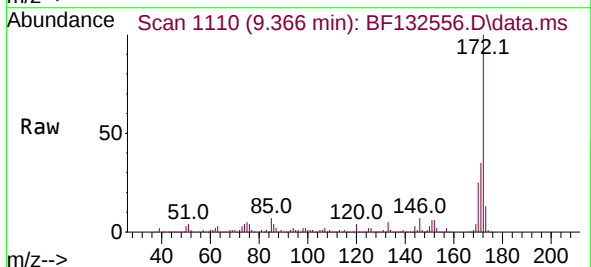
Tgt Ion:172 Resp: 1245458

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.6 19.7 29.5

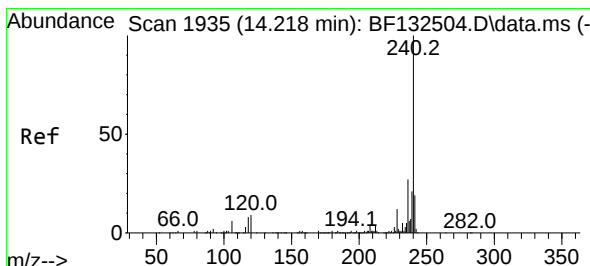
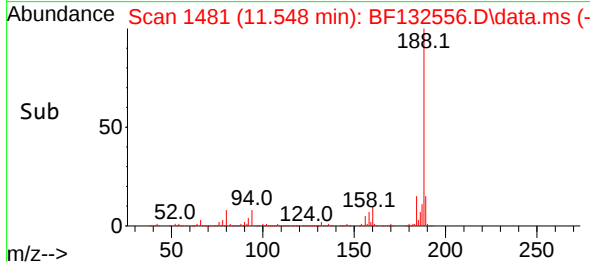
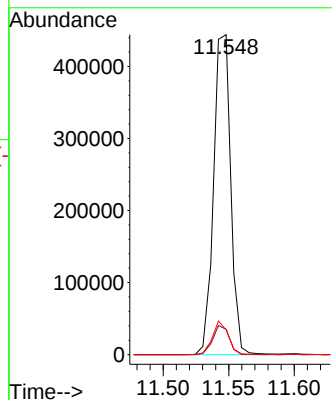
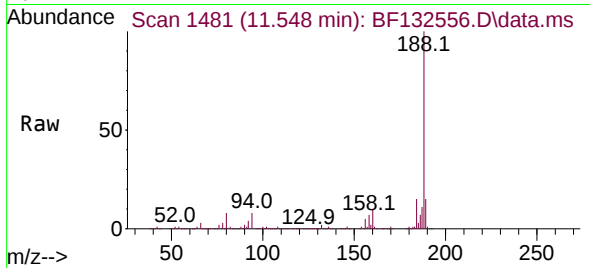




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

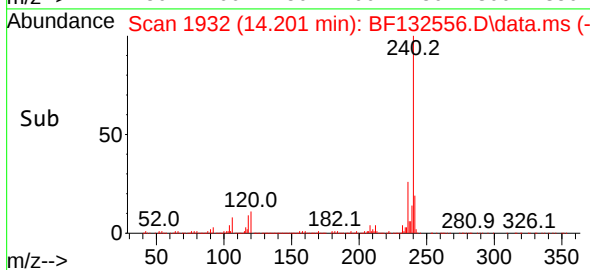
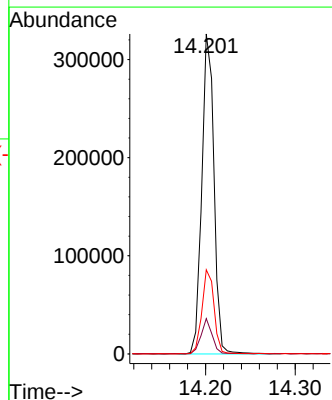
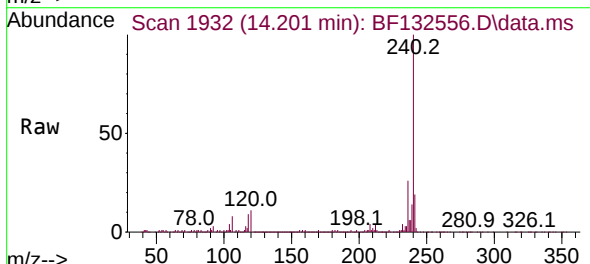
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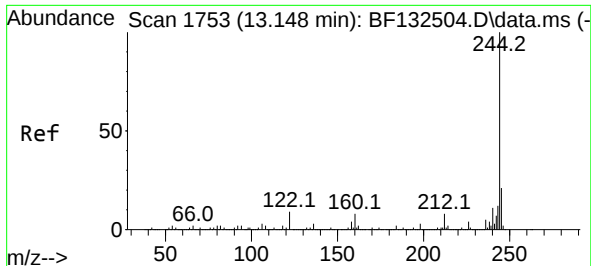
Tgt Ion:188 Resp: 405194
Ion Ratio Lower Upper
188 100
94 7.9 8.3 12.5#
80 7.7 8.7 13.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132556.D
Acq: 27 Feb 2023 17:04

Tgt Ion:240 Resp: 307065
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 26.3 21.8 32.6

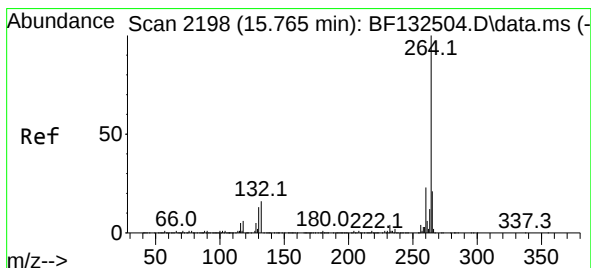
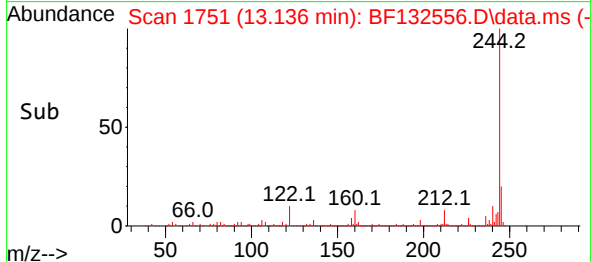
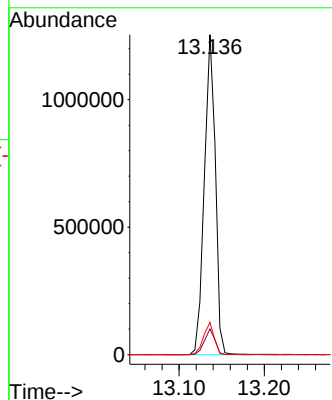
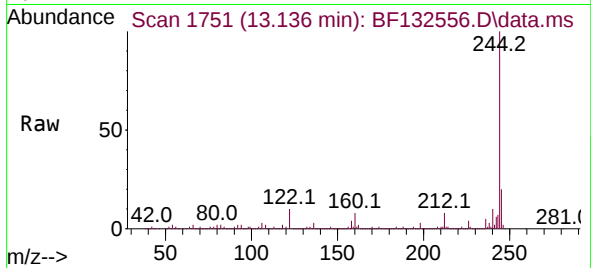




#79
 Terphenyl-d14
 Concen: 61.850 ng
 RT: 13.136 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132556.D
 Acq: 27 Feb 2023 17:04

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB02

Tgt Ion:244 Resp: 1123285
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 10.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.754 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF132556.D
 Acq: 27 Feb 2023 17:04

Tgt Ion:264 Resp: 234023
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.7 17.1 25.7

