

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132546.D
 Acq On : 27 Feb 2023 11:31
 Operator : CG\JU
 Sample : PB151039TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151039TB

Quant Time: Feb 27 13:19:20 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	178194	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	660994	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	366374	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	734456	20.000	ng	# 0.00
76) Chrysene-d12	14.201	240	591931	20.000	ng	0.00
86) Perylene-d12	15.754	264	513021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1278548	116.449	ng	0.01
7) Phenol-d6	6.631	99	1659750	115.830	ng	0.00
23) Nitrobenzene-d5	7.572	82	1130463	81.142	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	499057	126.130	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1815555	75.455	ng	0.00
79) Terphenyl-d14	13.142	244	2473743	70.658	ng	0.00

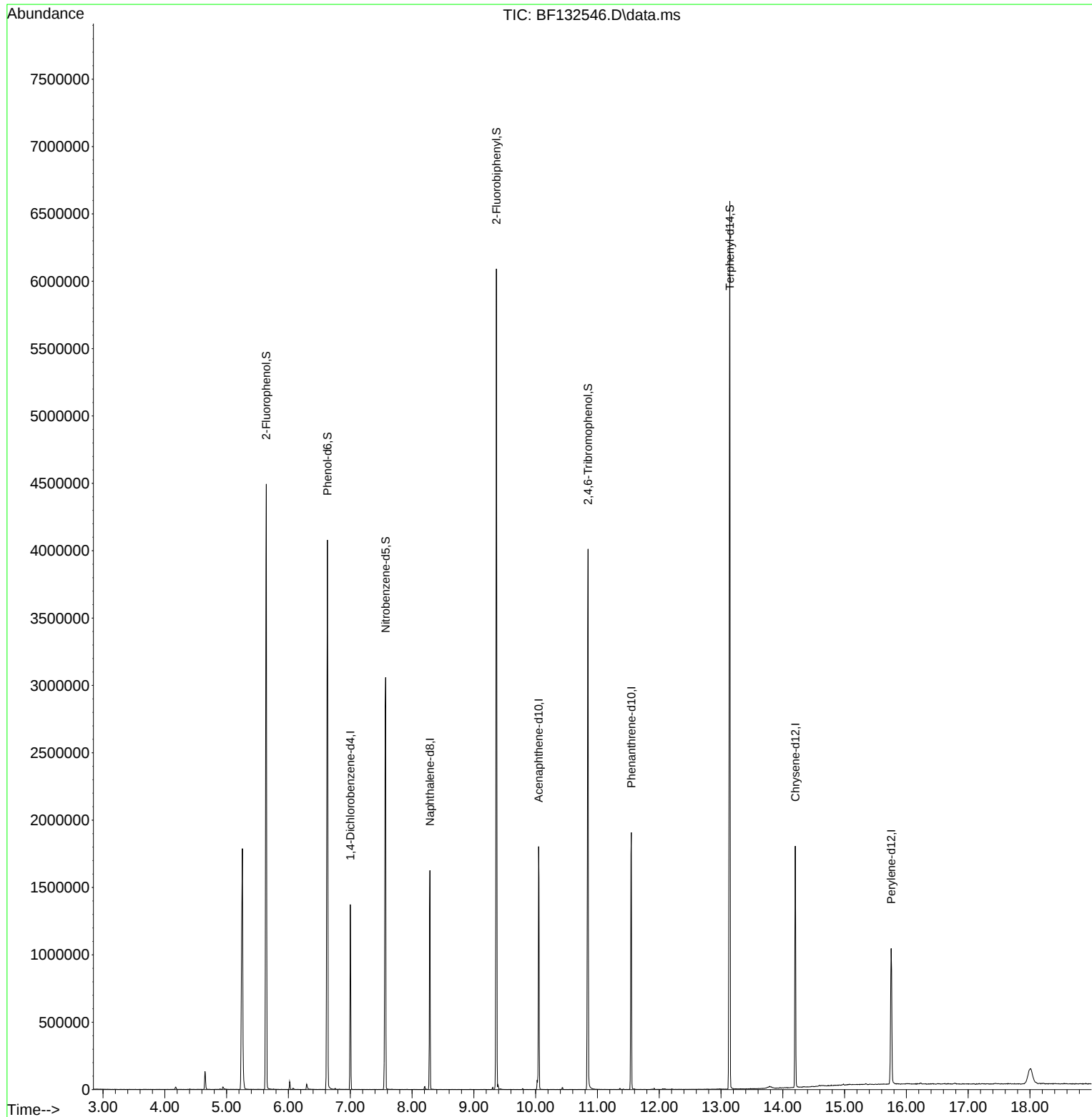
Target Compounds	Qvalue

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

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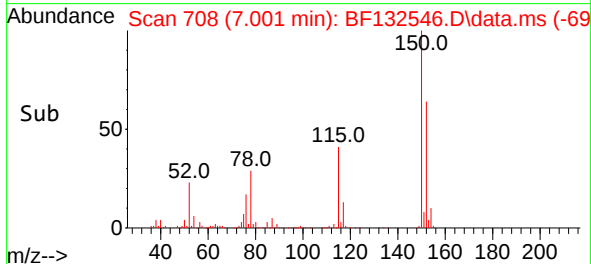
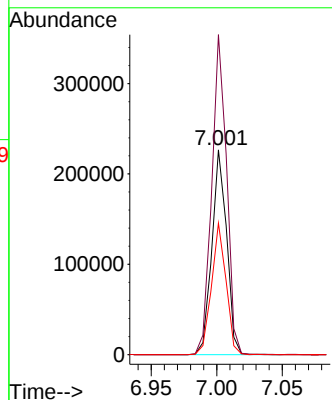
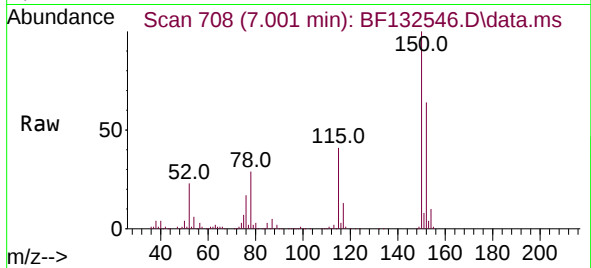




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

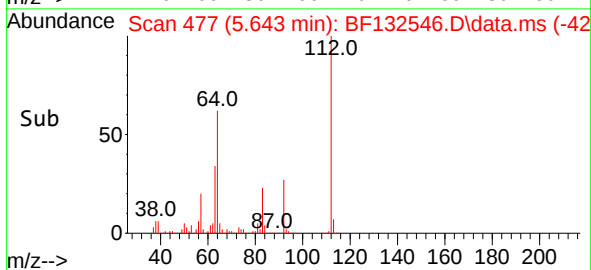
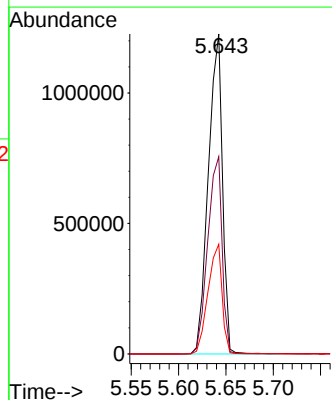
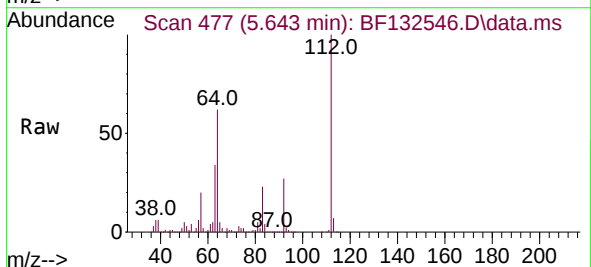
Instrument :
BNA_F
ClientSampleId :
PB151039TB

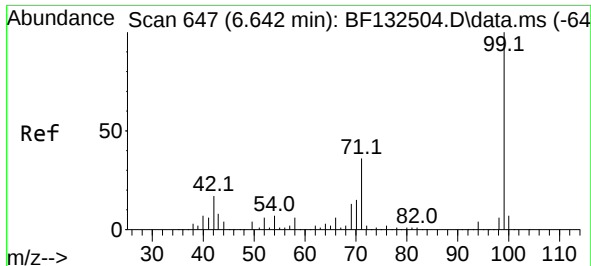
Tgt Ion:152 Resp: 178194
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.2
115 64.2 47.8 71.6



#5
2-Fluorophenol
Concen: 116.449 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.012 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:112 Resp: 1278548
Ion Ratio Lower Upper
112 100
64 61.6 51.6 77.4
63 34.3 27.4 41.2

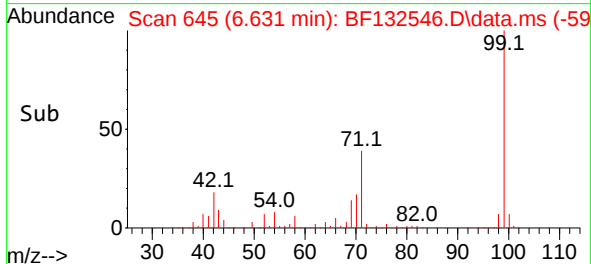
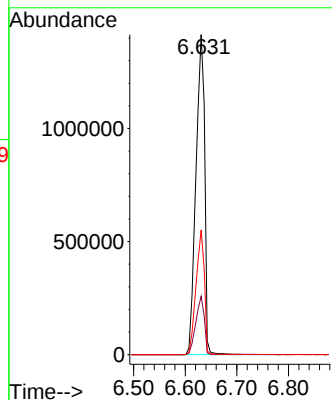
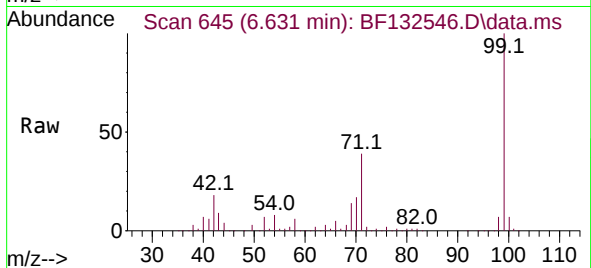




#7
Phenol-d6
Concen: 115.830 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

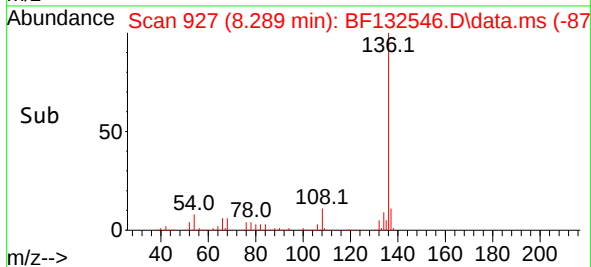
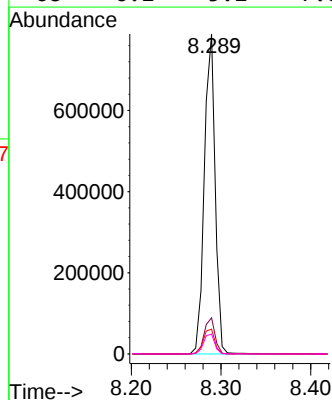
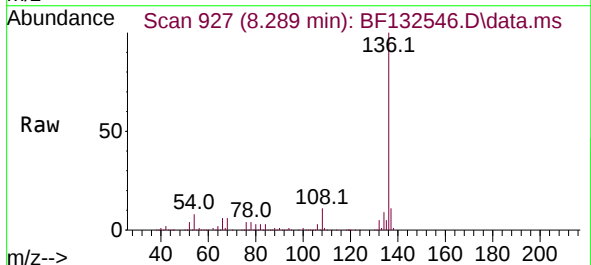
Instrument :
BNA_F
ClientSampleId :
PB151039TB

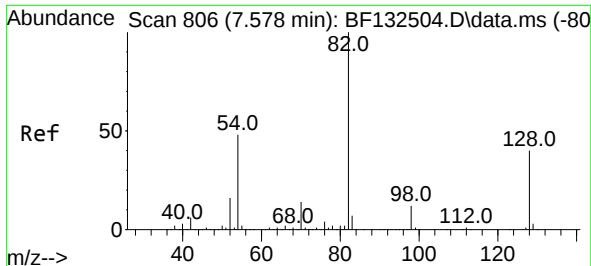
Tgt Ion: 99 Resp: 1659750
Ion Ratio Lower Upper
99 100
42 18.2 13.9 20.9
71 38.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:136 Resp: 660994
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 6.2 9.4
68 6.2 5.2 7.8

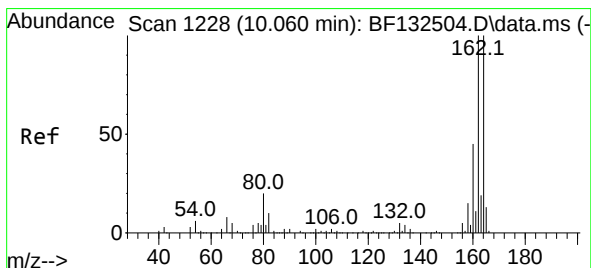
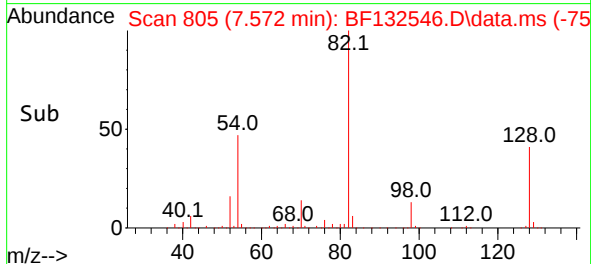
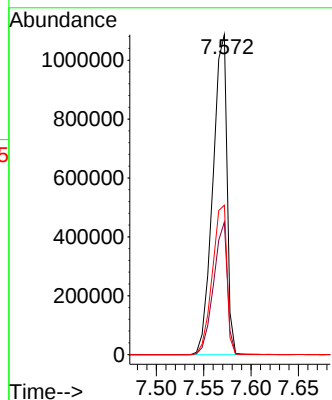
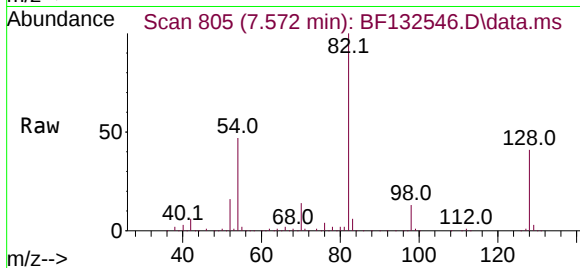




#23
Nitrobenzene-d5
Concen: 81.142 ng
RT: 7.572 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

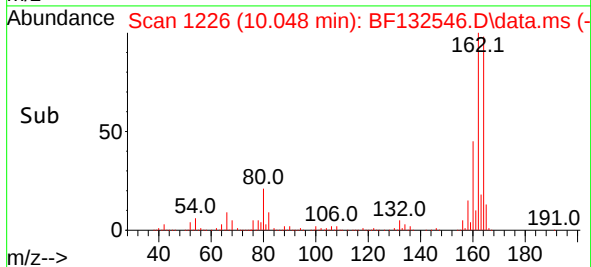
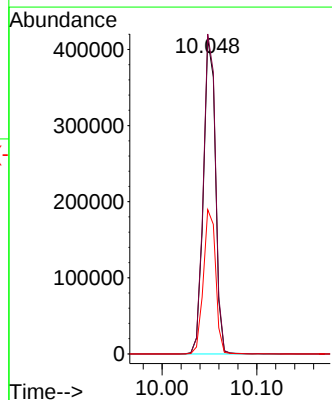
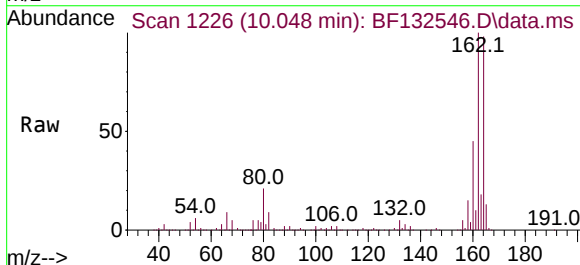
Instrument :
BNA_F
ClientSampleId :
PB151039TB

Tgt Ion: 82 Resp: 1130463
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 46.7 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: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:164 Resp: 366374
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 45.8 35.8 53.6

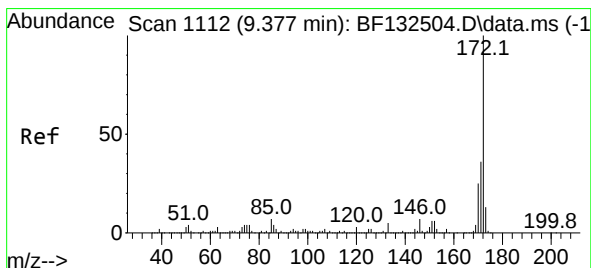
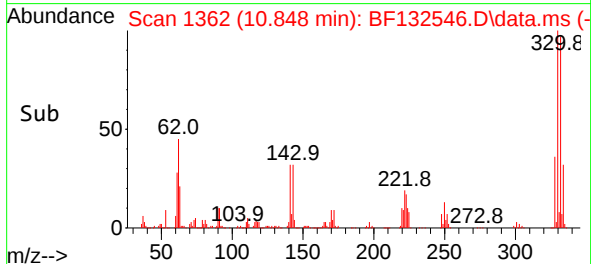
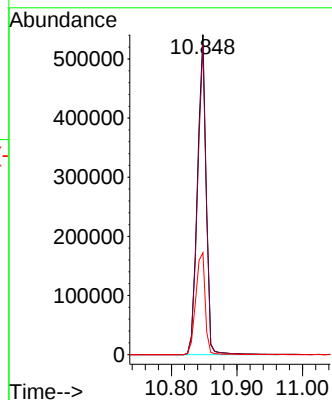
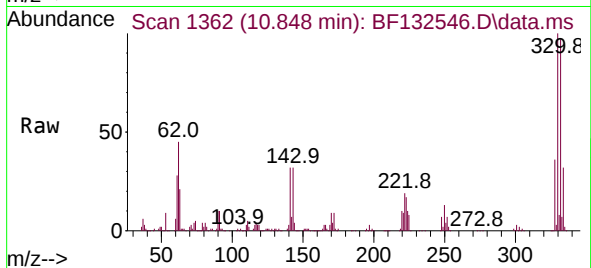




#42
2,4,6-Tribromophenol
Concen: 126.130 ng
RT: 10.848 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

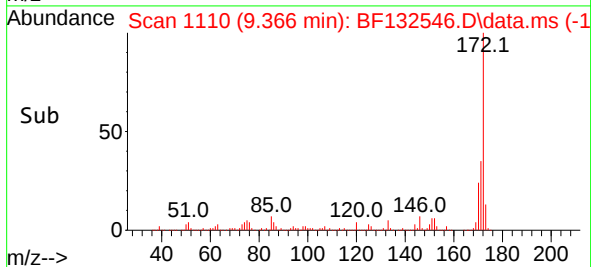
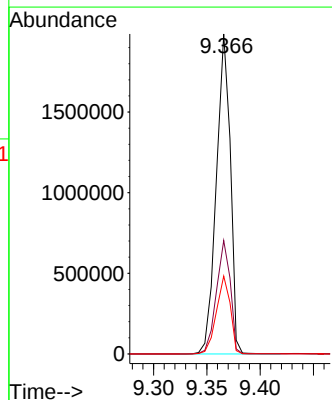
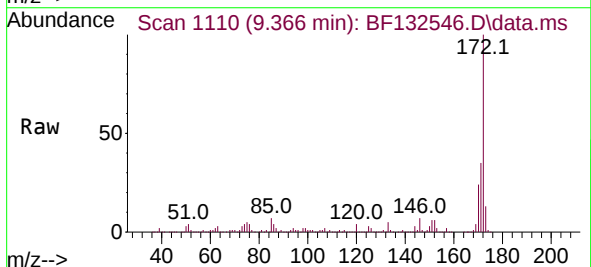
Instrument :
BNA_F
ClientSampleId :
PB151039TB

Tgt Ion:330 Resp: 499057
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 34.7 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 75.455 ng
RT: 9.366 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:172 Resp: 1815555
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.7 29.5

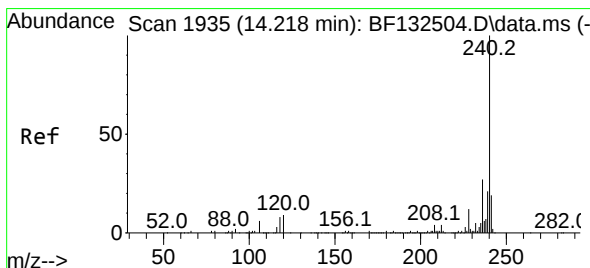
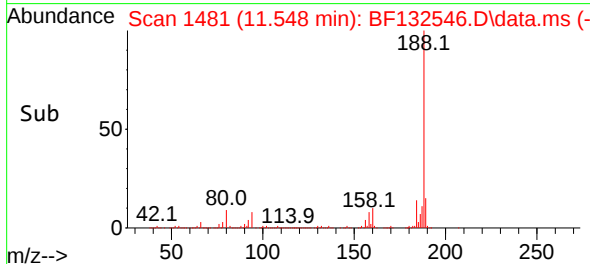
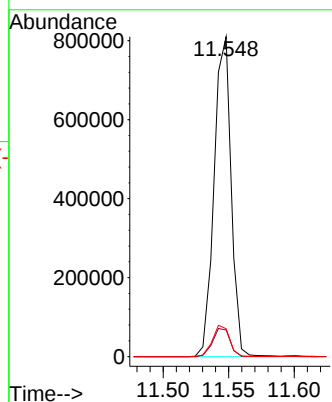
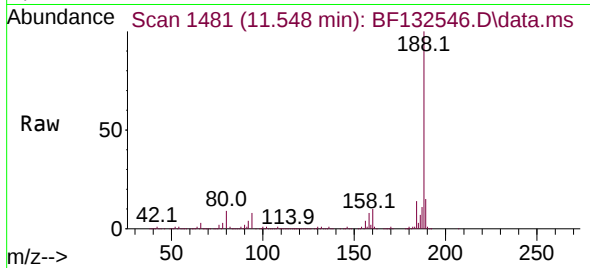




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

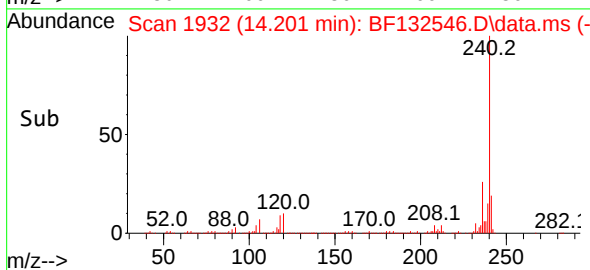
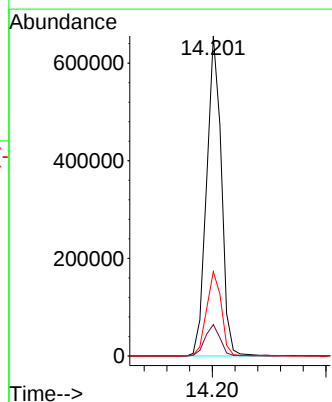
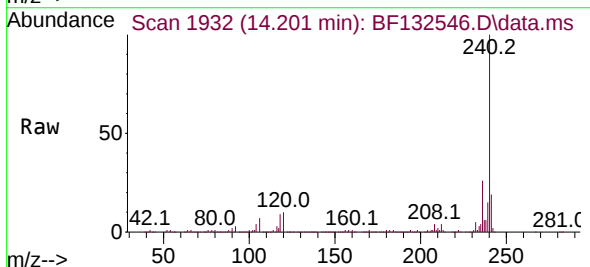
Instrument :
BNA_F
ClientSampleId :
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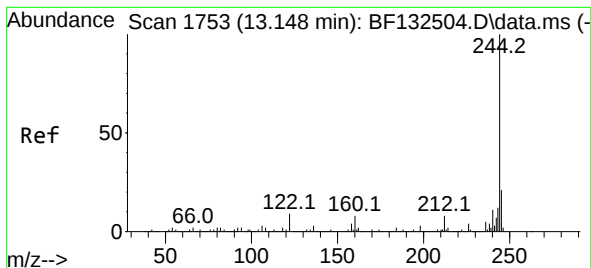
Tgt Ion:188 Resp: 734456
Ion Ratio Lower Upper
188 100
94 8.3 8.3 12.5#
80 8.7 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:240 Resp: 591931
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 26.4 21.8 32.6





#79

Terphenyl-d14

Concen: 70.658 ng

RT: 13.142 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF132546.D

Acq: 27 Feb 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB151039TB

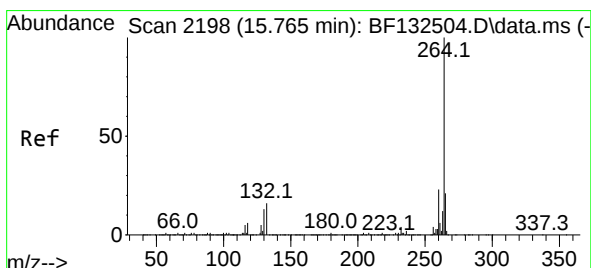
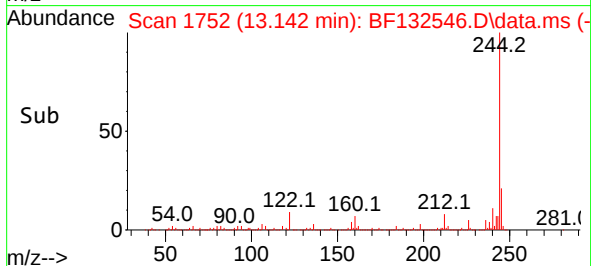
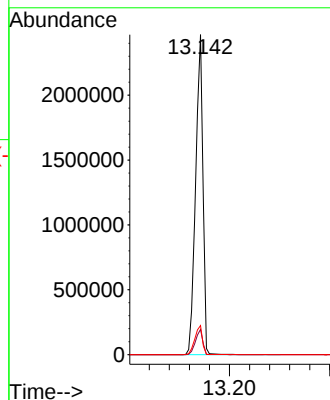
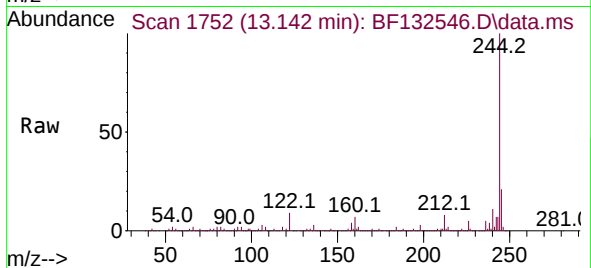
Tgt Ion:244 Resp: 2473743

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.1 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: BF132546.D

Acq: 27 Feb 2023 11:31

Tgt Ion:264 Resp: 513021

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.2 17.1 25.7

