

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132721.D
 Acq On : 09 Mar 2023 16:50
 Operator : CG\JU
 Sample : 01833-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11

Quant Time: Mar 09 17:46:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	175172	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	652051	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	335935	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	553027	20.000	ng	0.00
76) Chrysene-d12	14.180	240	385041	20.000	ng	0.00
86) Perylene-d12	15.721	264	382773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	972693	90.120	ng	0.00
7) Phenol-d6	6.610	99	1231101	87.398	ng	-0.01
23) Nitrobenzene-d5	7.540	82	795424	57.876	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	268042	73.882	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1322172	59.929	ng	0.00
79) Terphenyl-d14	13.110	244	1233355	54.158	ng	0.00

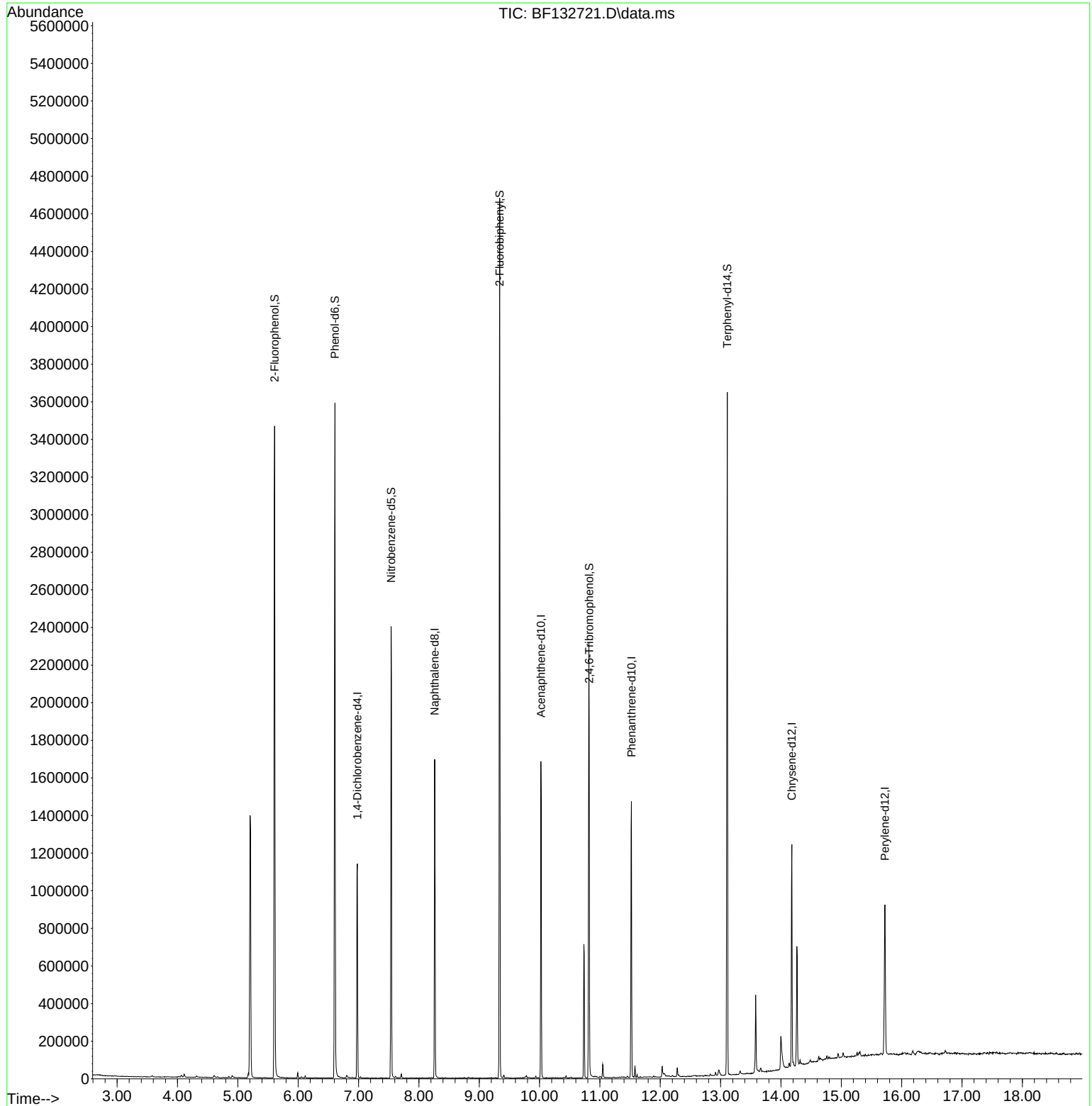
Target Compounds	Qvalue

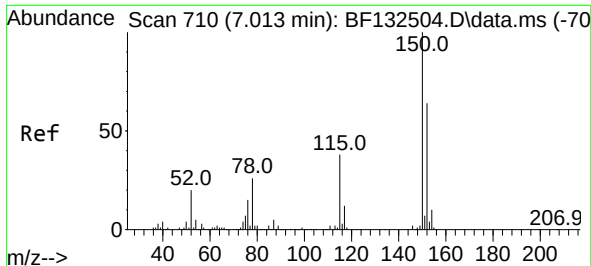
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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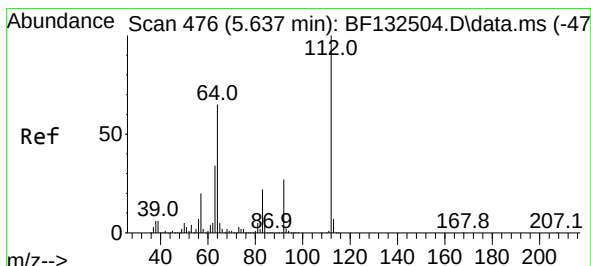
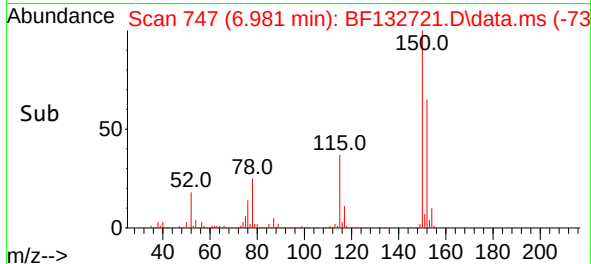
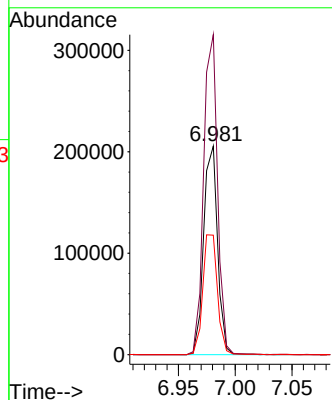
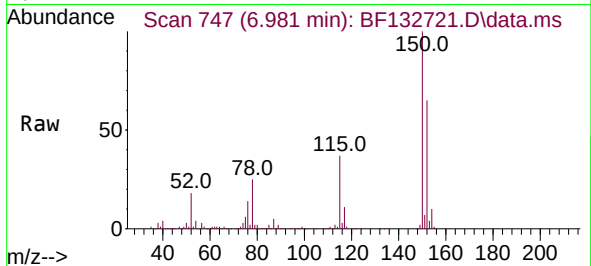




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

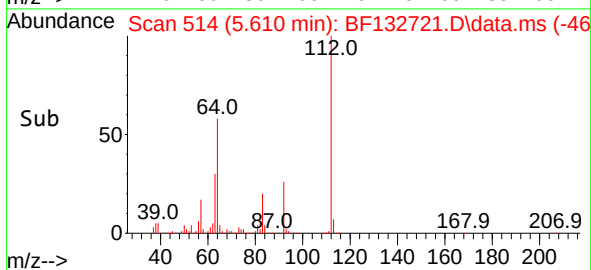
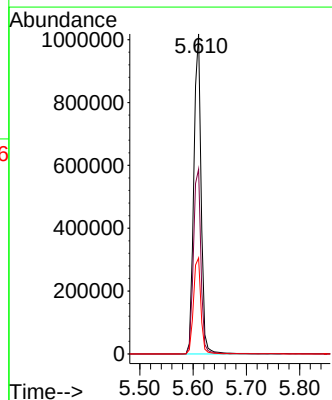
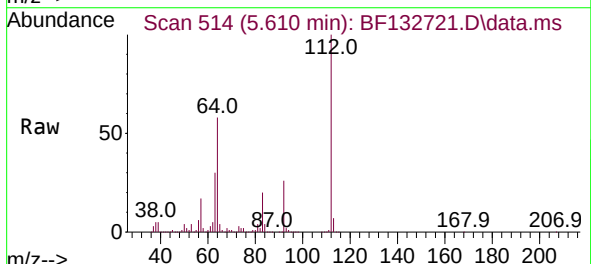
Instrument :
 BNA_F
 ClientSampleId :
 11

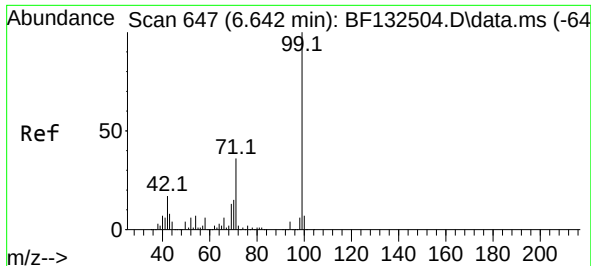
Tgt Ion:152 Resp: 175172
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.4 188.2
 115 57.2 47.8 71.6



#5
 2-Fluorophenol
 Concen: 90.120 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:112 Resp: 972693
 Ion Ratio Lower Upper
 112 100
 64 57.7 51.6 77.4
 63 30.0 27.4 41.2

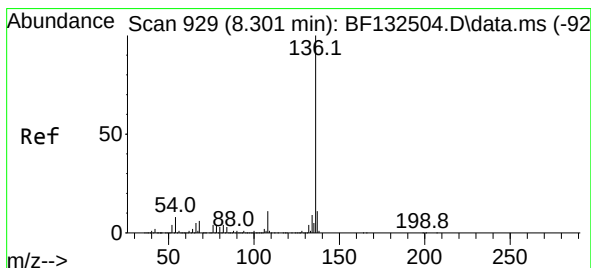
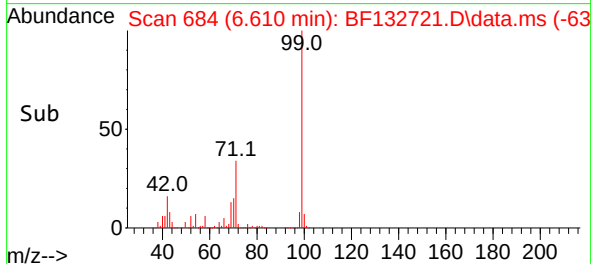
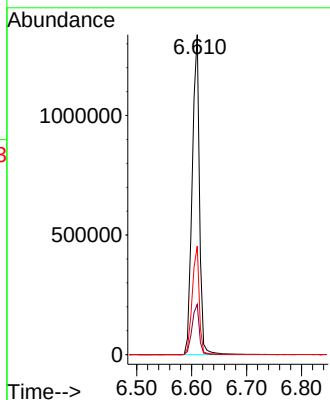
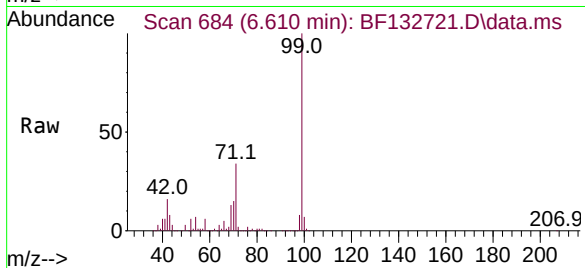




#7
Phenol-d6
Concen: 87.398 ng
RT: 6.610 min Scan# 611
Delta R.T. -0.012 min
Lab File: BF132721.D
Acq: 09 Mar 2023 16:50

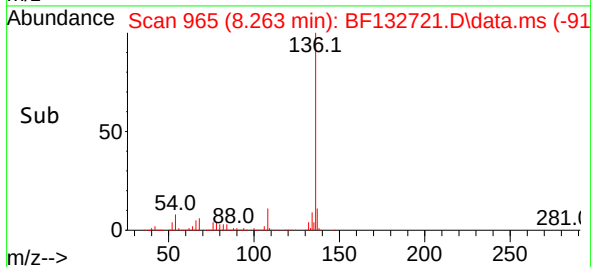
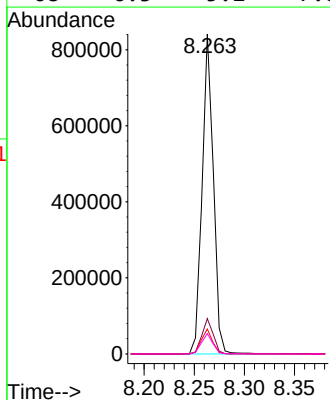
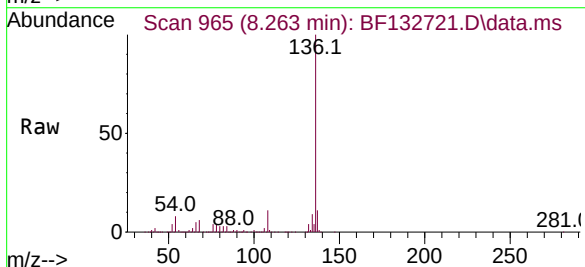
Instrument :
BNA_F
ClientSampleId :
11

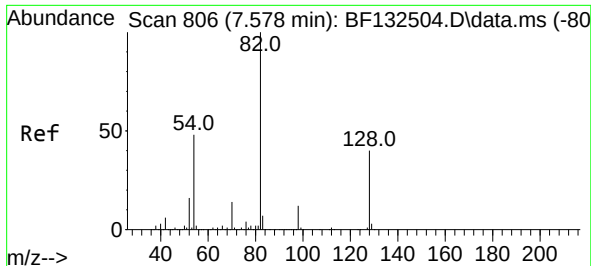
Tgt Ion: 99 Resp: 1231101
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 33.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132721.D
Acq: 09 Mar 2023 16:50

Tgt Ion:136 Resp: 652051
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.8 6.2 9.4
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 57.876 ng

RT: 7.540 min Scan# 84

Delta R.T. -0.017 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

Instrument :

BNA_F

ClientSampleId :

11

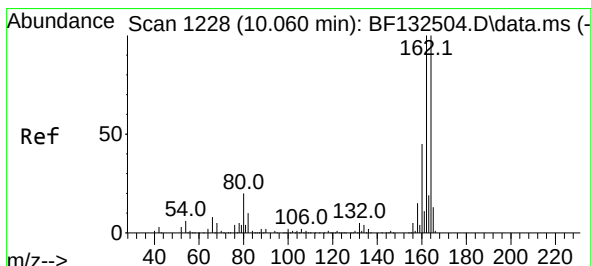
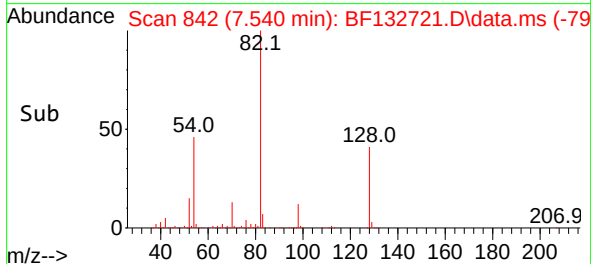
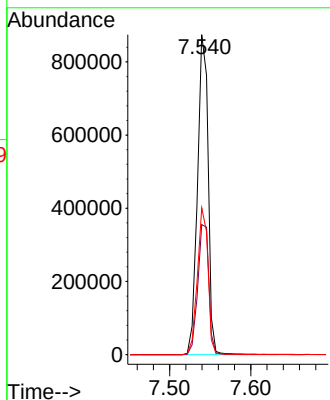
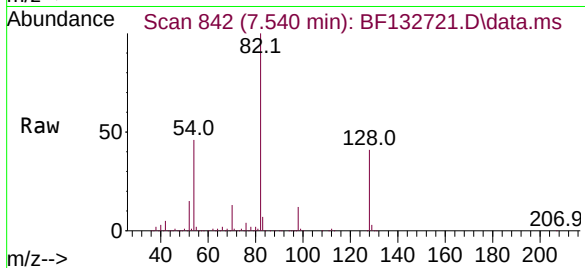
Tgt Ion: 82 Resp: 795424

Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.2

54 45.9 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1264

Delta R.T. -0.012 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

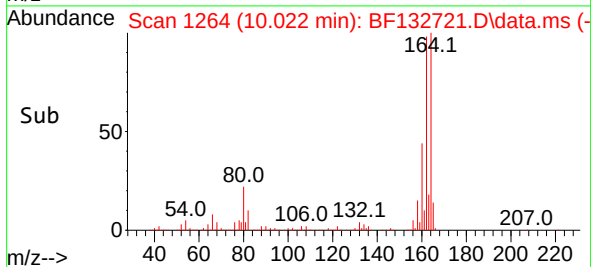
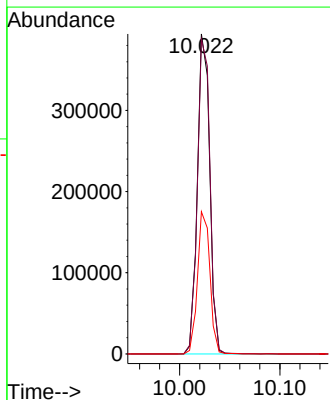
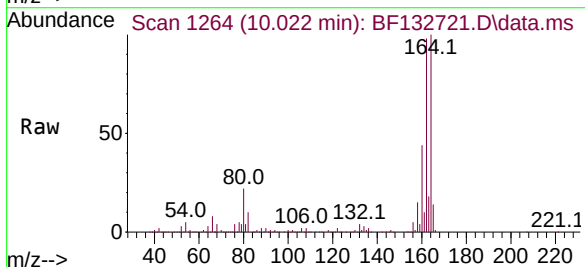
Tgt Ion: 164 Resp: 335935

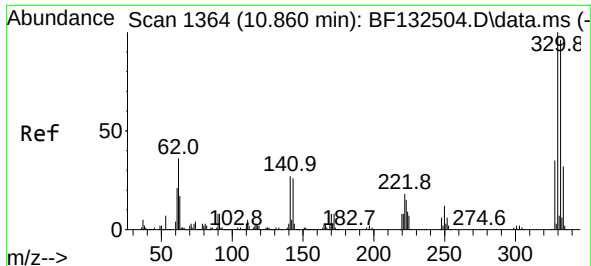
Ion Ratio Lower Upper

164 100

162 98.4 79.8 119.8

160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 73.882 ng

RT: 10.822 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

Instrument :

BNA_F

ClientSampleId :

11

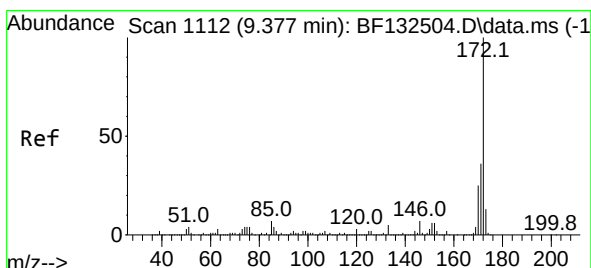
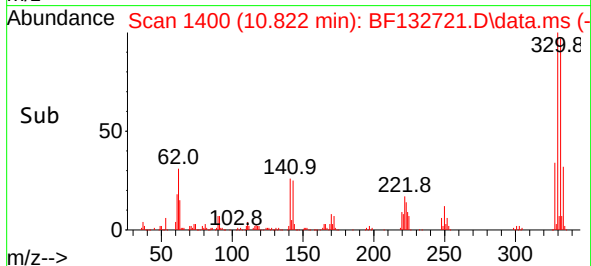
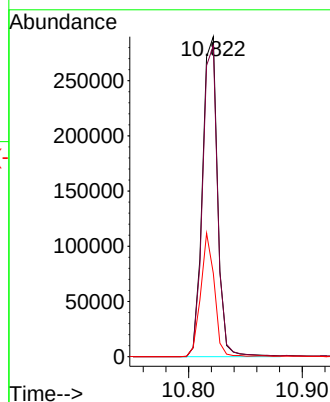
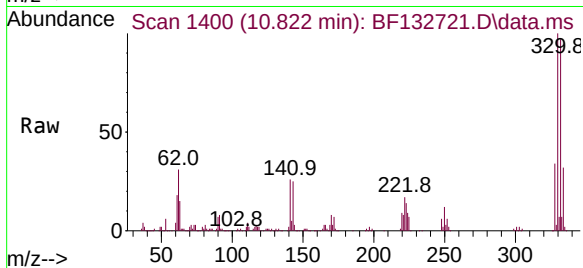
Tgt Ion:330 Resp: 268042

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 34.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 59.929 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

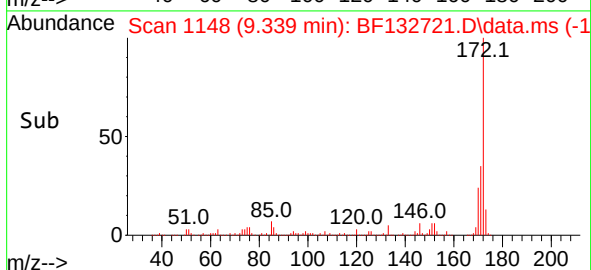
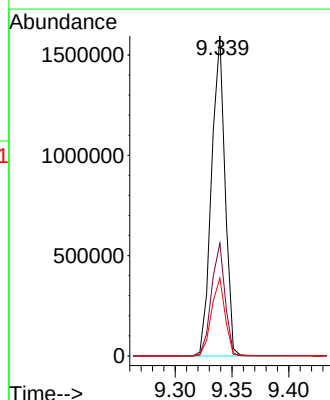
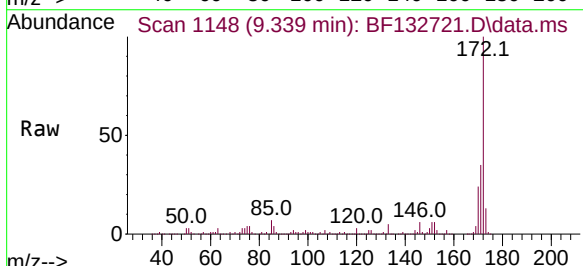
Tgt Ion:172 Resp: 1322172

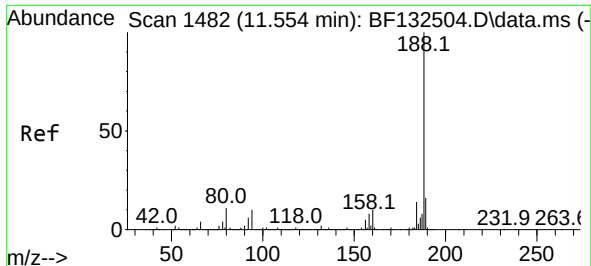
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 24.3 19.7 29.5

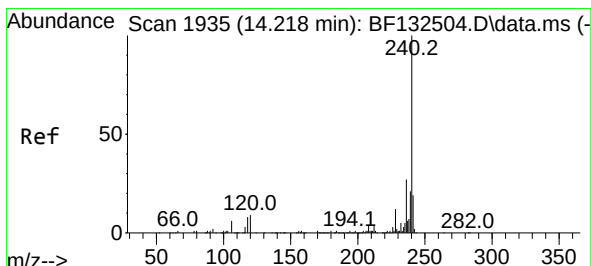
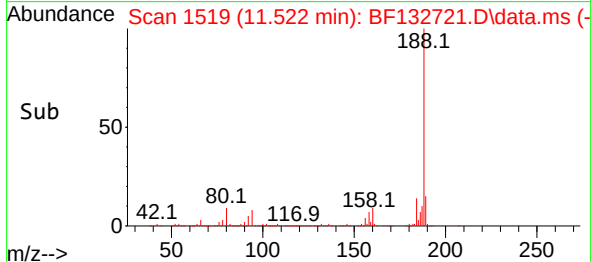
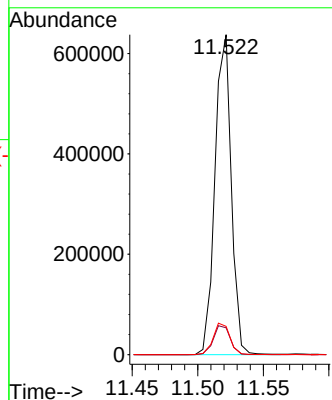
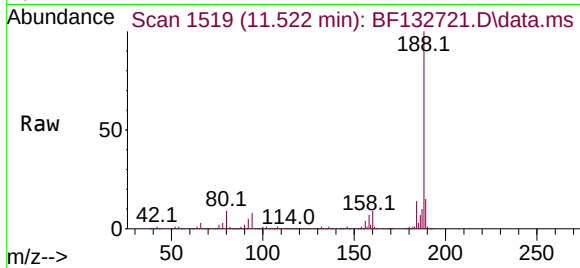




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132721.D
Acq: 09 Mar 2023 16:50

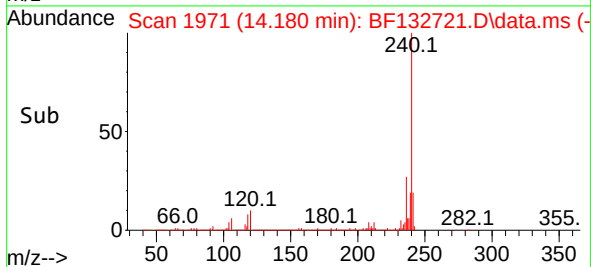
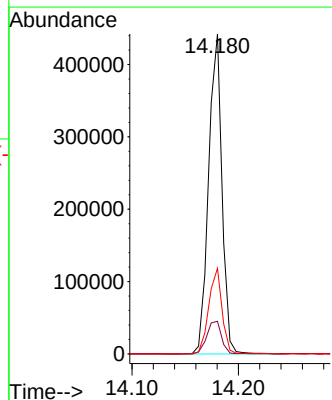
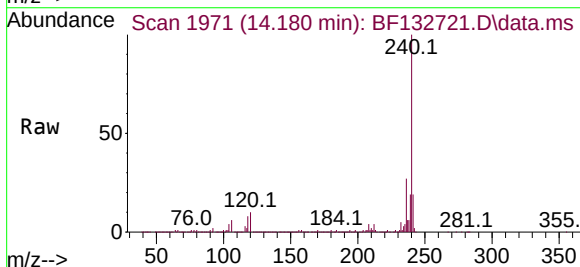
Instrument :
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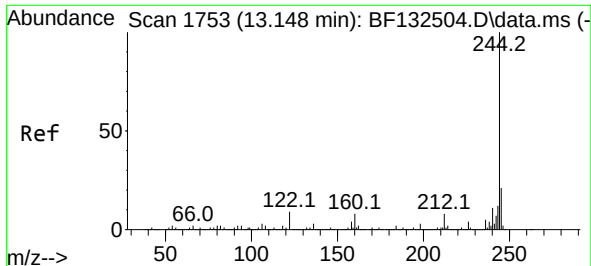
Tgt Ion:188 Resp: 553027
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 8.8 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132721.D
Acq: 09 Mar 2023 16:50

Tgt Ion:240 Resp: 385041
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 26.8 21.8 32.6

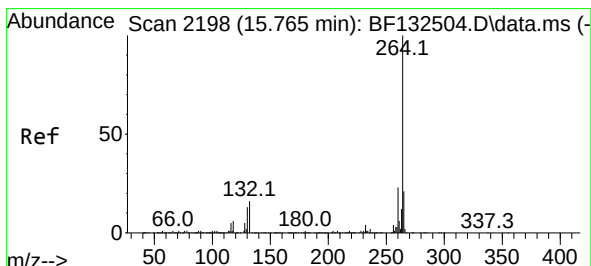
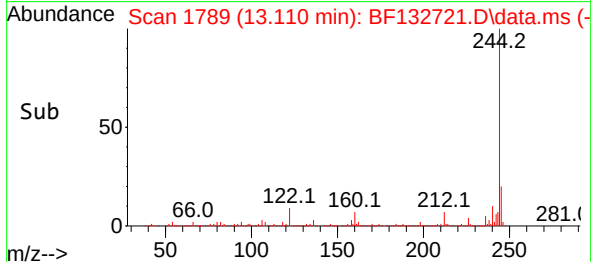
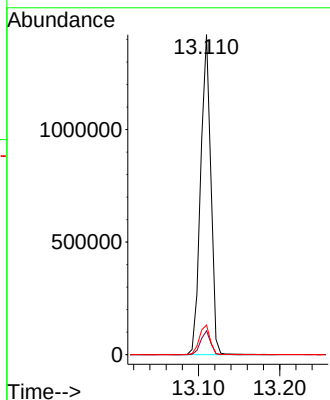
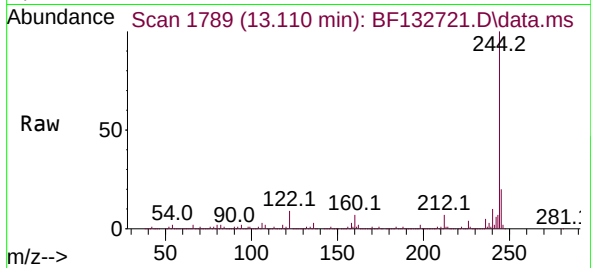




#79
 Terphenyl-d14
 Concen: 54.158 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Instrument :
 BNA_F
 ClientSampleId :
 11

Tgt Ion:244 Resp: 1233355
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2233
 Delta R.T. -0.006 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:264 Resp: 382773
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.5 17.1 25.7

