

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132720.D
 Acq On : 09 Mar 2023 16:16
 Operator : CG\JU
 Sample : 01833-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 42

Quant Time: Mar 09 16:47:58 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	172040	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	631174	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	327572	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	533949	20.000	ng	0.00
76) Chrysene-d12	14.180	240	389040	20.000	ng	0.00
86) Perylene-d12	15.721	264	377813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1360813	128.375	ng	0.00
7) Phenol-d6	6.616	99	1730014	125.052	ng	0.00
23) Nitrobenzene-d5	7.545	82	1141402	85.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	391014	110.530	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1847788	85.891	ng	0.00
79) Terphenyl-d14	13.110	244	1738065	75.535	ng	0.00

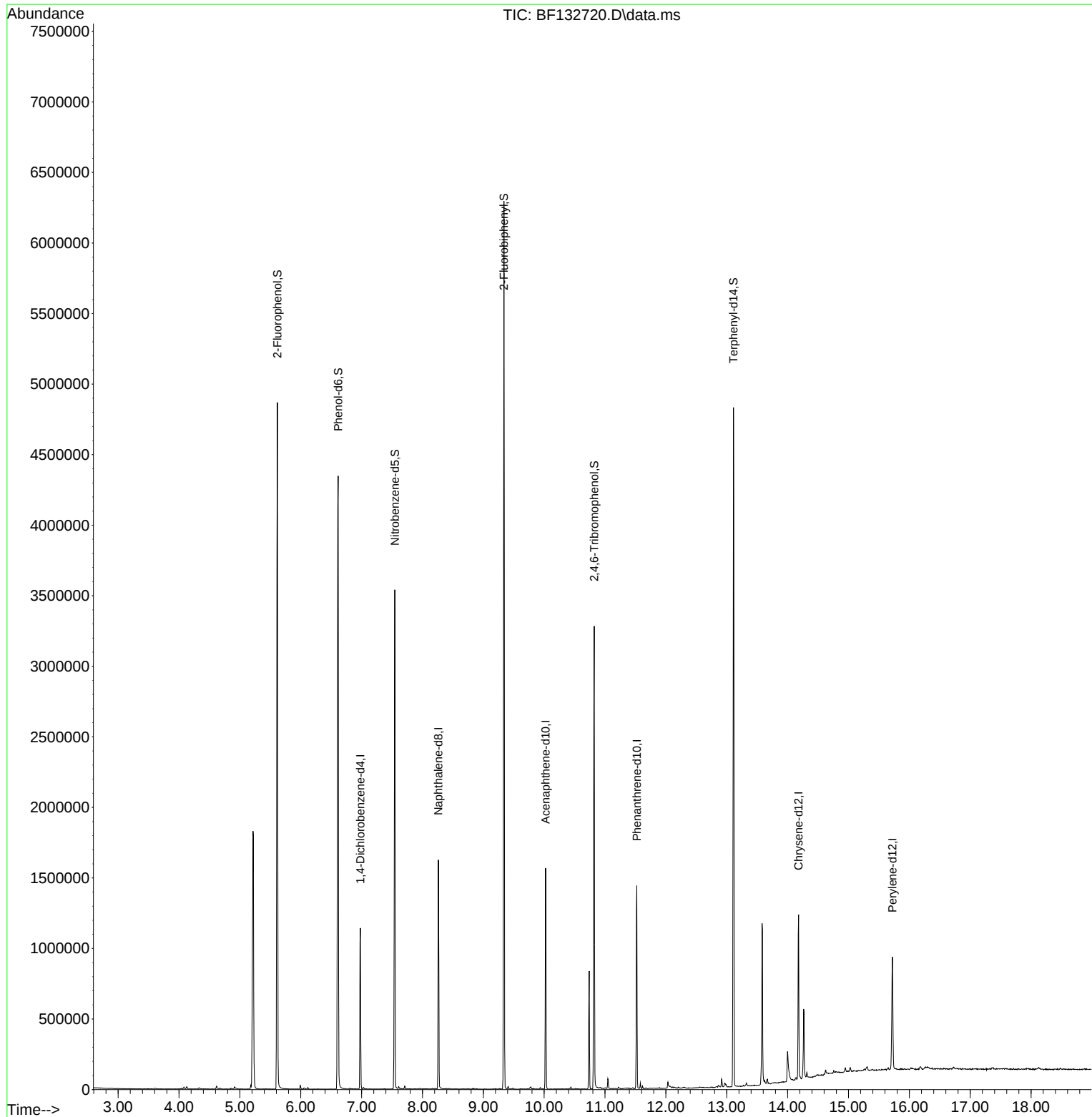
Target Compounds	Qvalue

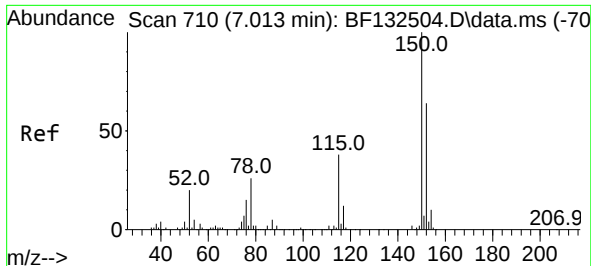
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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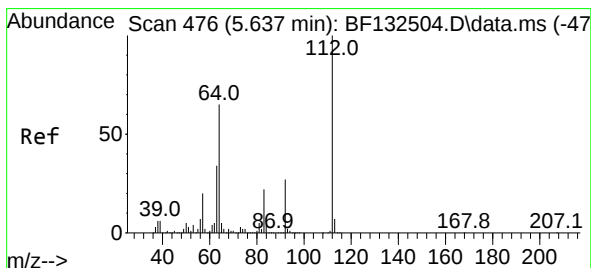
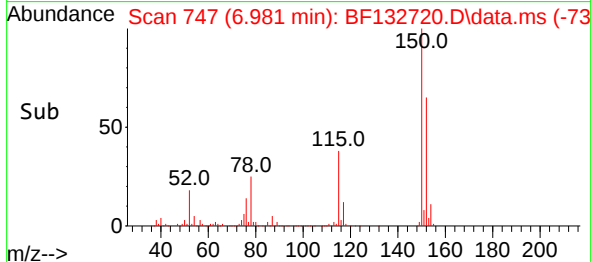
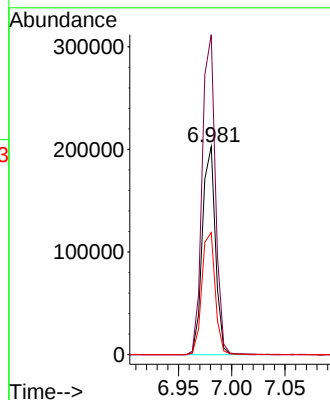
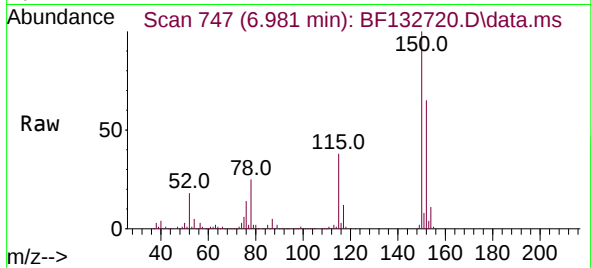




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

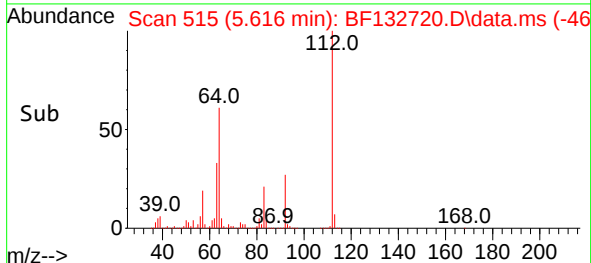
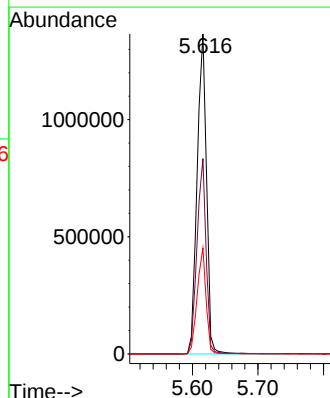
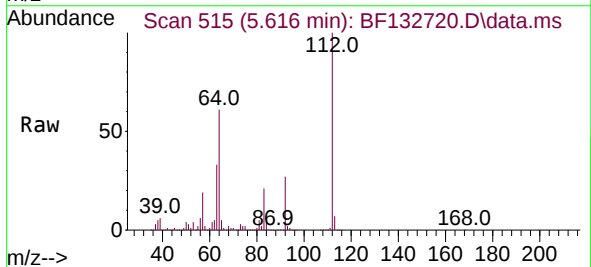
Instrument :
BNA_F
ClientSampleId :
42

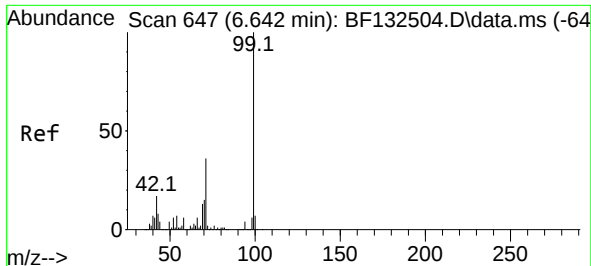
Tgt Ion:152 Resp: 172040
Ion Ratio Lower Upper
152 100
150 153.9 125.4 188.2
115 58.7 47.8 71.6



#5
2-Fluorophenol
Concen: 128.375 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.006 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

Tgt Ion:112 Resp: 1360813
Ion Ratio Lower Upper
112 100
64 61.0 51.6 77.4
63 33.1 27.4 41.2

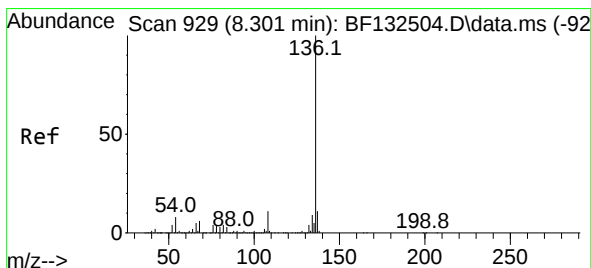
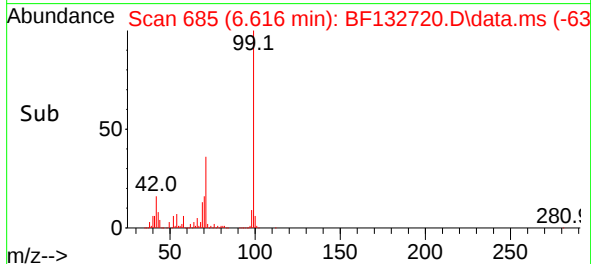
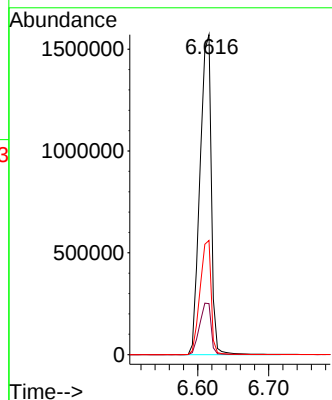
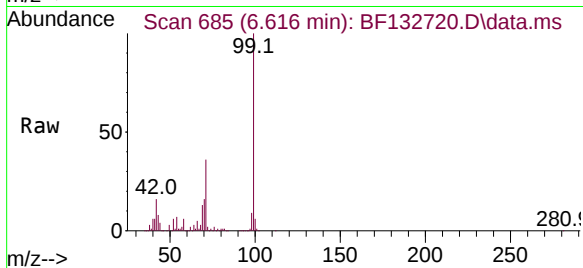




#7
Phenol-d6
Concen: 125.052 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

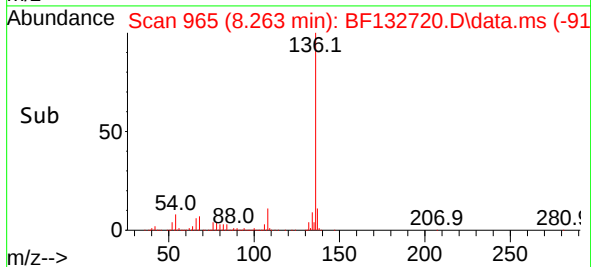
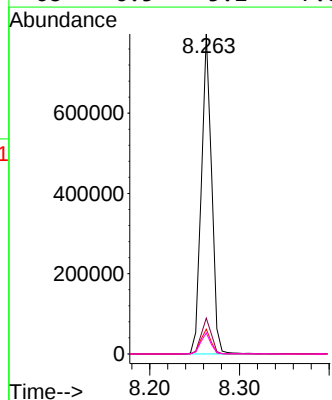
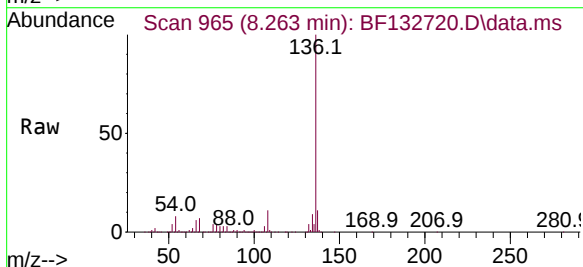
Instrument :
BNA_F
ClientSampleId :
42

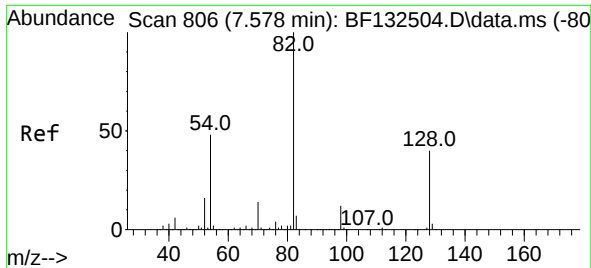
Tgt Ion: 99 Resp: 1730014
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 35.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

Tgt Ion:136 Resp: 631174
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: 85.797 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132720.D

Acq: 09 Mar 2023 16:16

Instrument :

BNA_F

ClientSampleId :

42

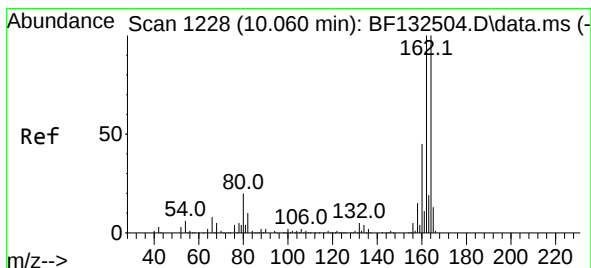
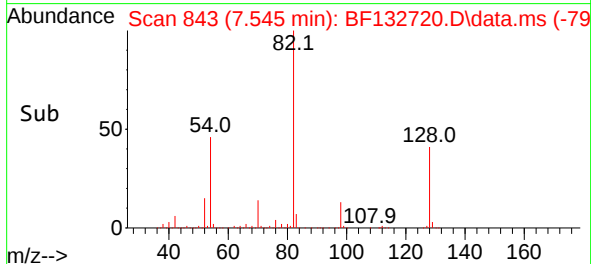
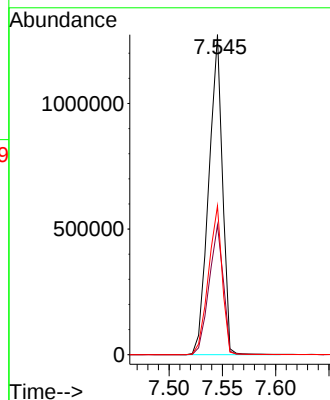
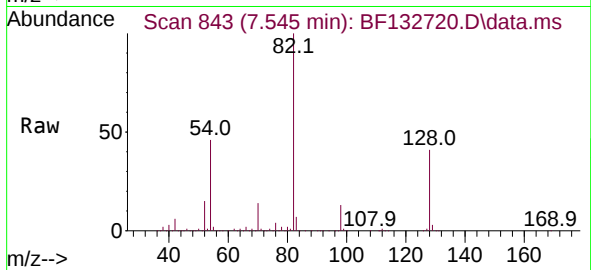
Tgt Ion: 82 Resp: 1141402

Ion Ratio Lower Upper

82 100

128 40.5 32.2 48.2

54 46.5 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: BF132720.D

Acq: 09 Mar 2023 16:16

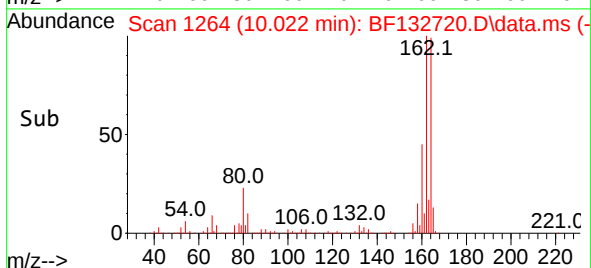
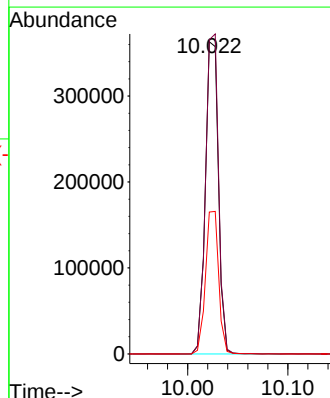
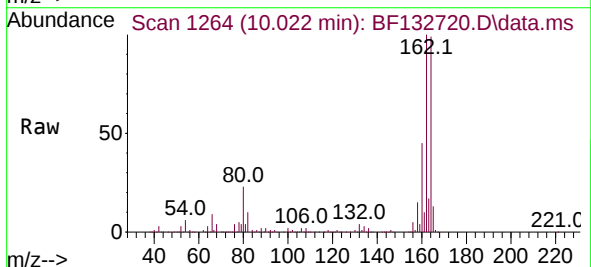
Tgt Ion:164 Resp: 327572

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 45.5 35.8 53.6

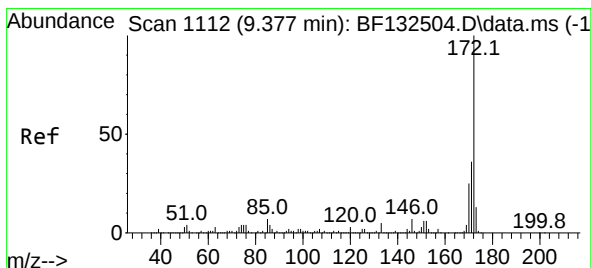
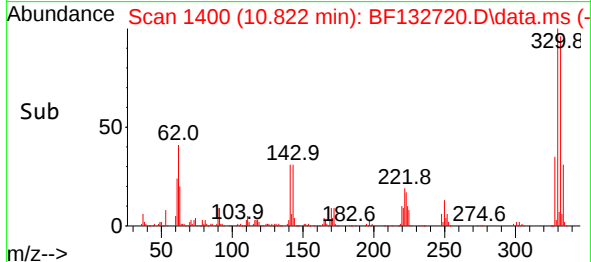
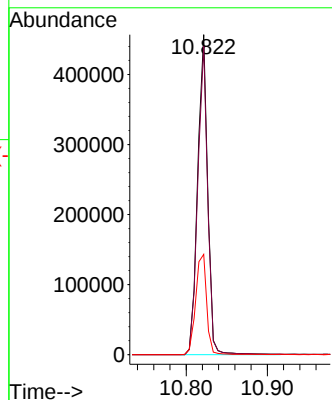
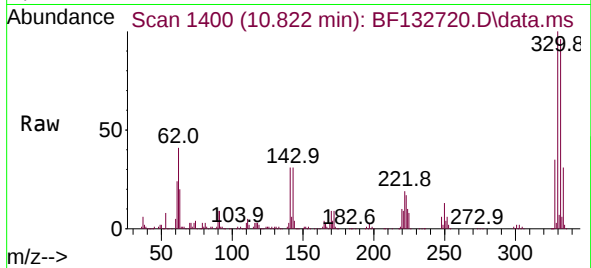




#42
 2,4,6-Tribromophenol
 Concen: 110.530 ng
 RT: 10.822 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

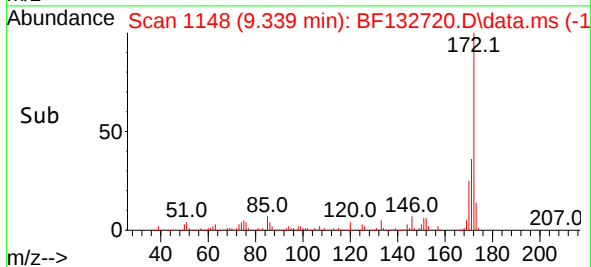
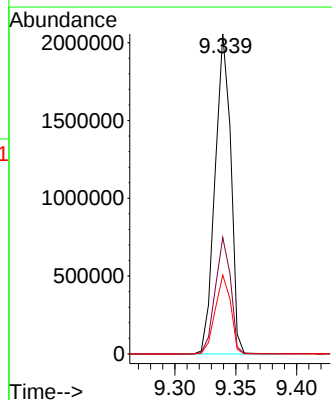
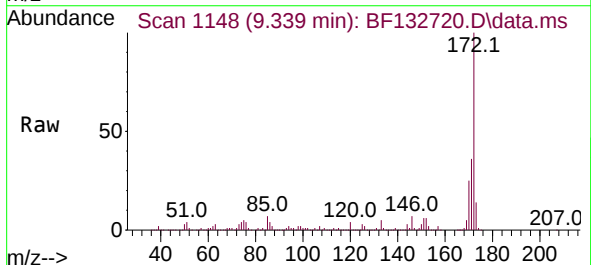
Instrument :
 BNA_F
 ClientSampleId :
 42

Tgt Ion:330 Resp: 391014
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 34.2 28.4 42.6



#45
 2-Fluorobiphenyl
 Concen: 85.891 ng
 RT: 9.339 min Scan# 1148
 Delta R.T. -0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Tgt Ion:172 Resp: 1847788
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.8 43.2
 170 24.6 19.7 29.5

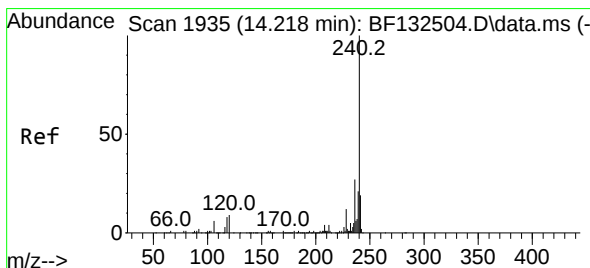
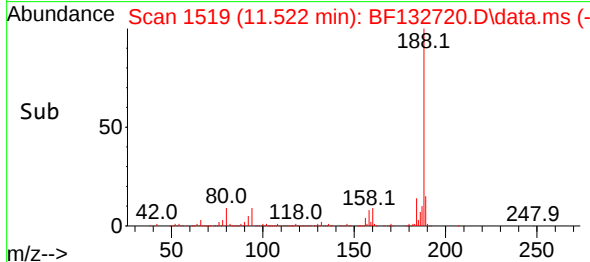
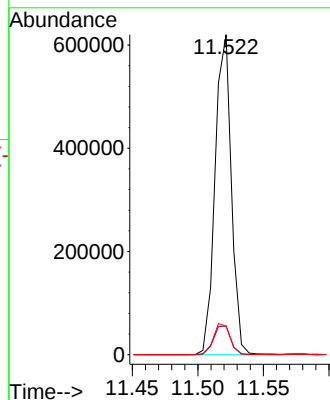
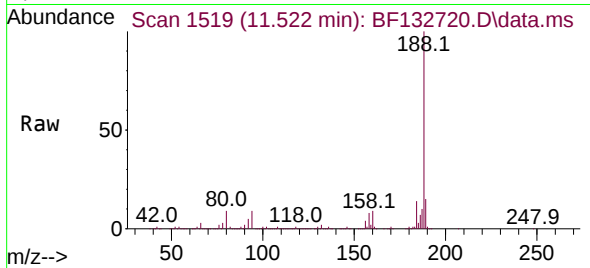




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

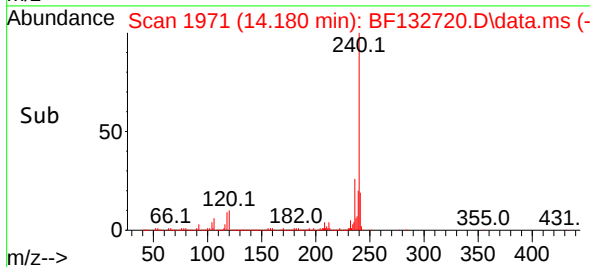
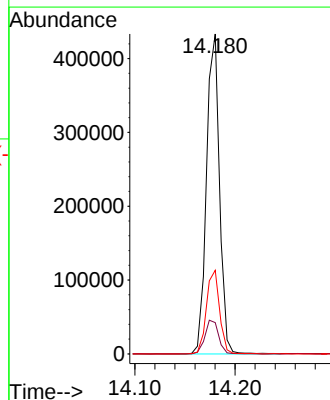
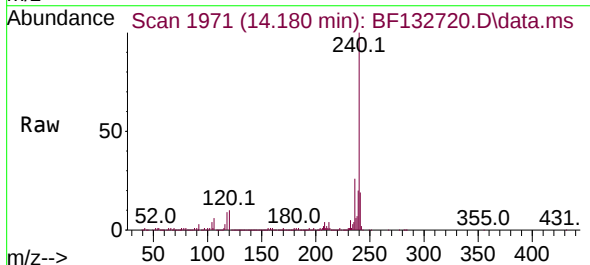
Instrument :
BNA_F
ClientSampleId :
42

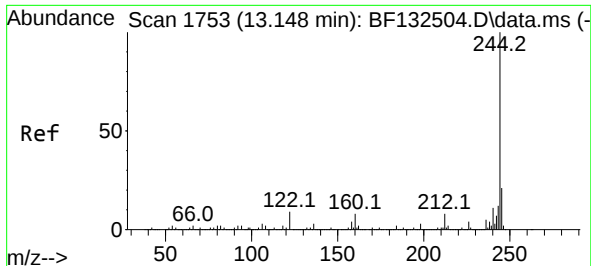
Tgt Ion:188 Resp: 533949
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 8.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

Tgt Ion:240 Resp: 389040
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 26.1 21.8 32.6

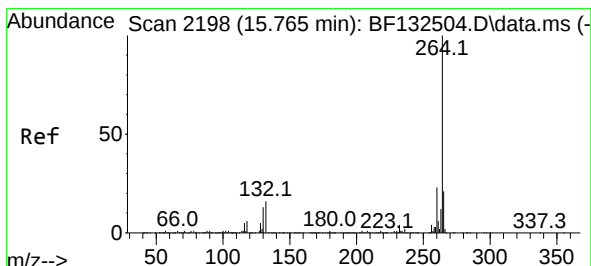
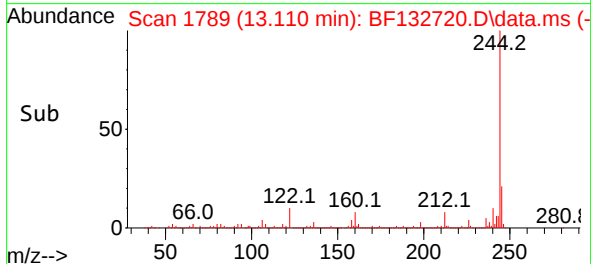
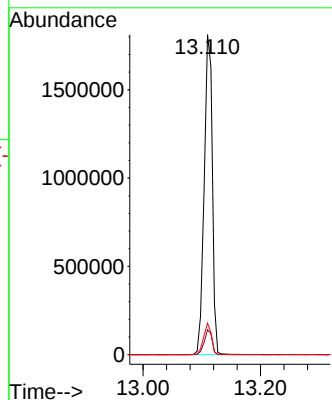
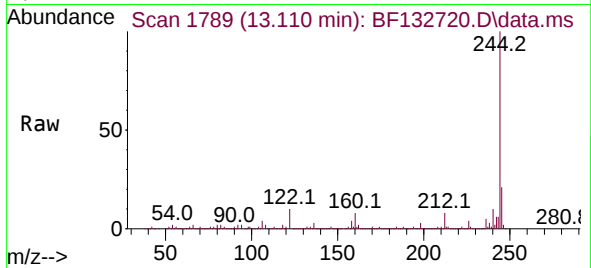




#79
 Terphenyl-d14
 Concen: 75.535 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Instrument :
 BNA_F
 ClientSampleId :
 42

Tgt Ion:244 Resp: 1738065
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.8 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: BF132720.D
 Acq: 09 Mar 2023 16:16

Tgt Ion:264 Resp: 377813
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.8 28.2
 265 20.9 17.1 25.7

