

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132722.D
 Acq On : 09 Mar 2023 17:23
 Operator : CG\JU
 Sample : 01833-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 46

Quant Time: Mar 09 17:46:39 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	195539	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	749024	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	361750	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	599201	20.000	ng	0.00
76) Chrysene-d12	14.180	240	437138	20.000	ng	0.00
86) Perylene-d12	15.721	264	443362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1369047	113.631	ng	0.01
7) Phenol-d6	6.616	99	1667514	106.049	ng	0.00
23) Nitrobenzene-d5	7.545	82	1208712	76.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	453434	116.064	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1951401	82.137	ng	0.00
79) Terphenyl-d14	13.110	244	1904433	73.659	ng	0.00

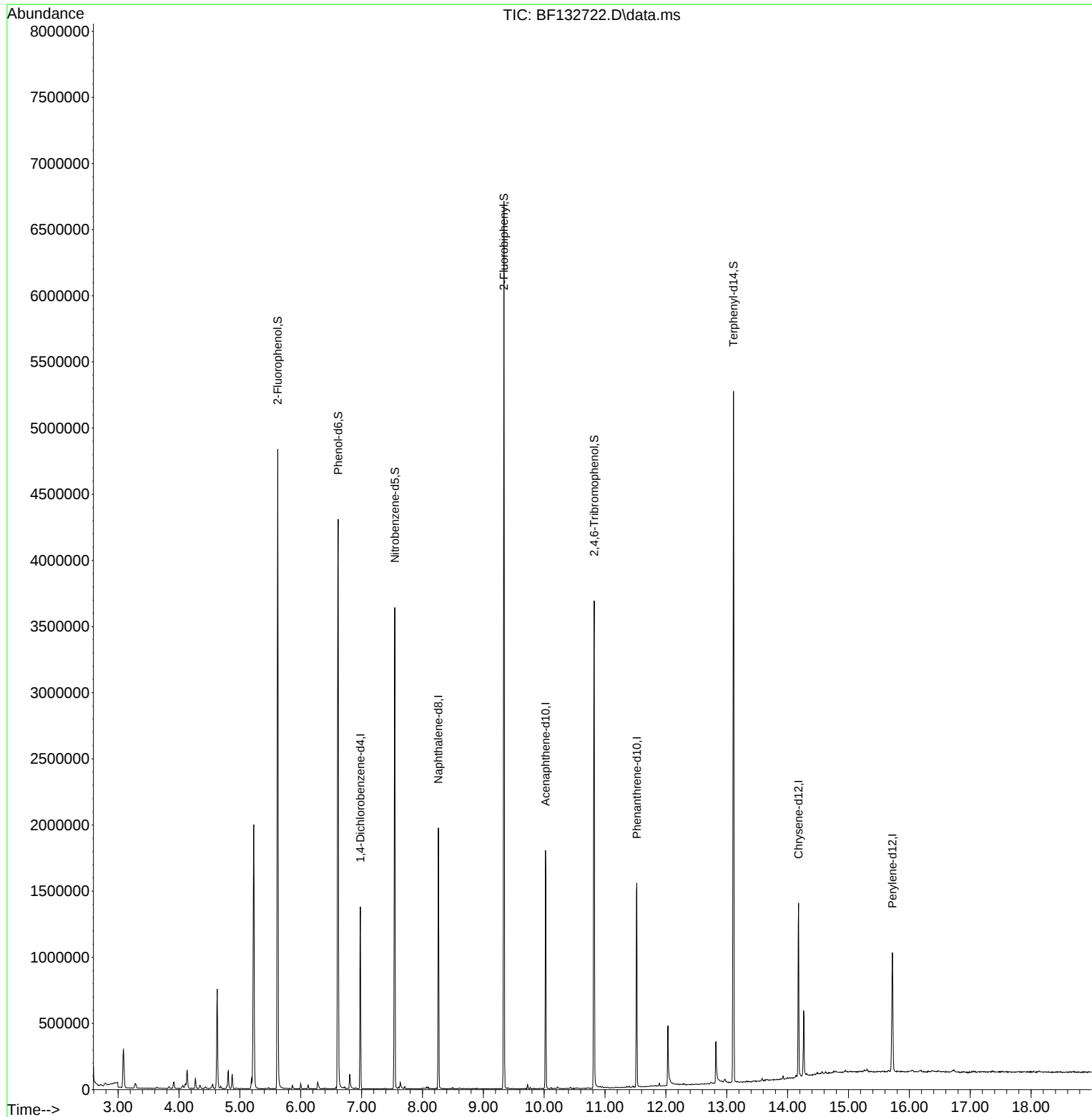
Target Compounds	Qvalue

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

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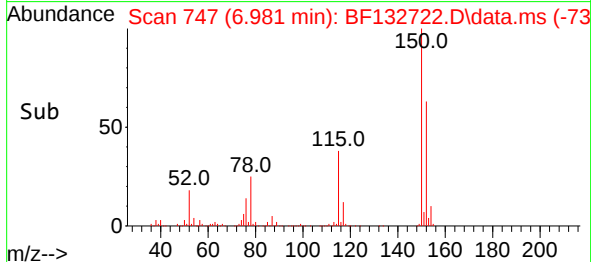
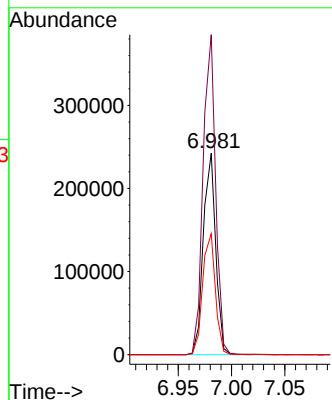
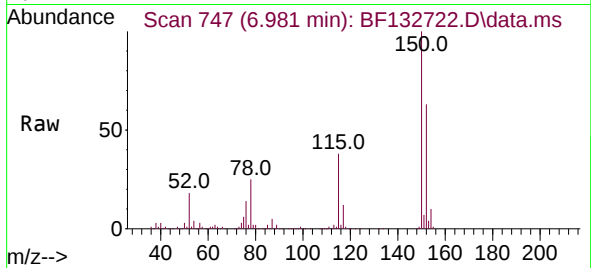




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BF132722.D
 Acq: 09 Mar 2023 17:23

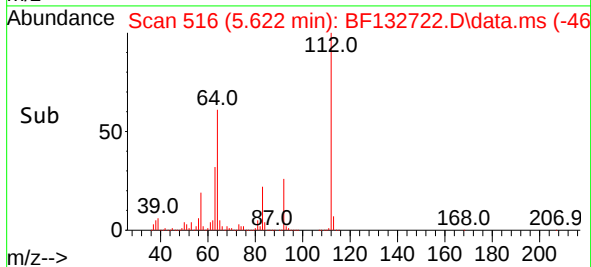
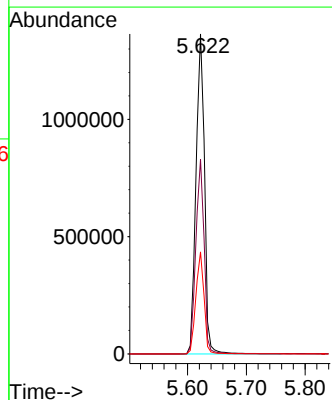
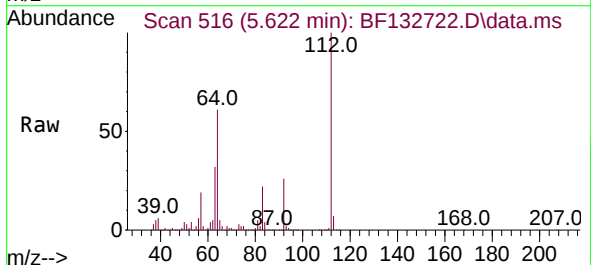
Instrument :
 BNA_F
 ClientSampleId :
 46

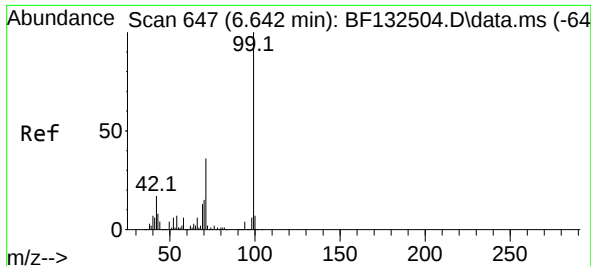
Tgt Ion:152 Resp: 195539
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.4 188.2
 115 60.0 47.8 71.6



#5
 2-Fluorophenol
 Concen: 113.631 ng
 RT: 5.622 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF132722.D
 Acq: 09 Mar 2023 17:23

Tgt Ion:112 Resp: 1369047
 Ion Ratio Lower Upper
 112 100
 64 60.8 51.6 77.4
 63 31.9 27.4 41.2



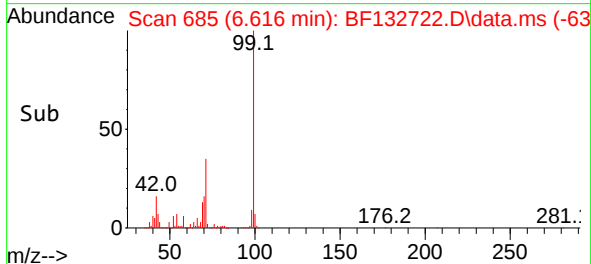
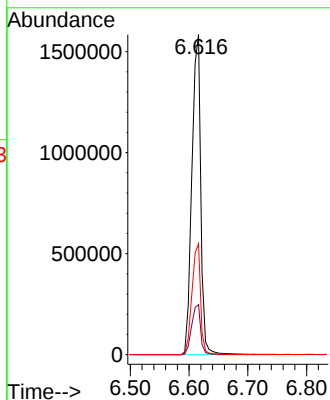
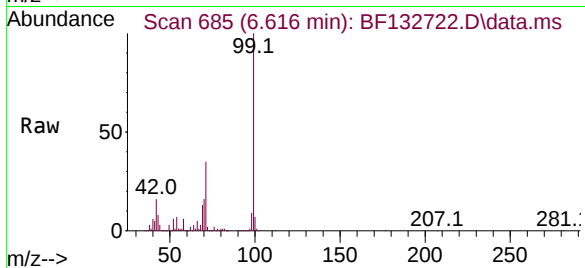


#7
Phenol-d6
Concen: 106.049 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132722.D
Acq: 09 Mar 2023 17:23

Instrument :
BNA_F
ClientSampleId :
46

Tgt Ion: 99 Resp: 1667514

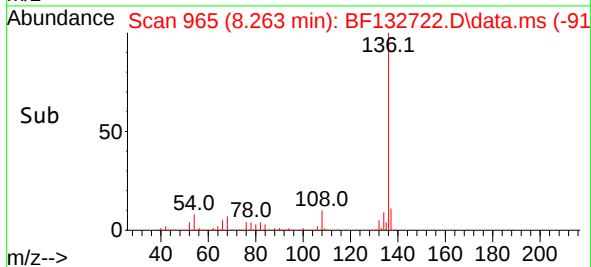
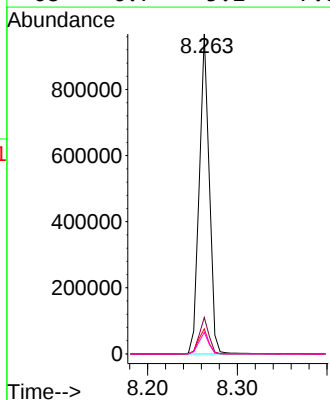
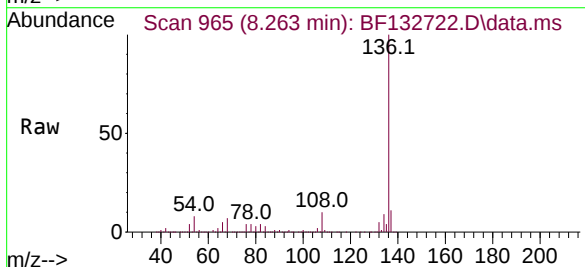
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.9	20.9
71	34.7	28.5	42.7

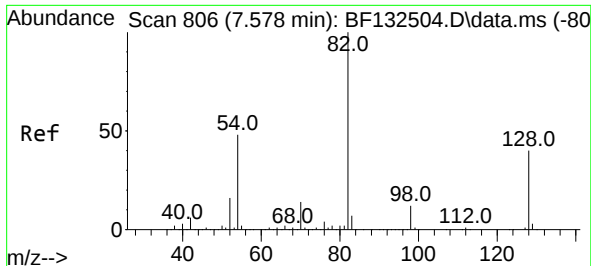


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132722.D
Acq: 09 Mar 2023 17:23

Tgt Ion: 136 Resp: 749024

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.2	9.4
68	6.7	5.2	7.8





#23

Nitrobenzene-d5

Concen: 76.562 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF132722.D

Acq: 09 Mar 2023 17:23

Instrument :

BNA_F

ClientSampleId :

46

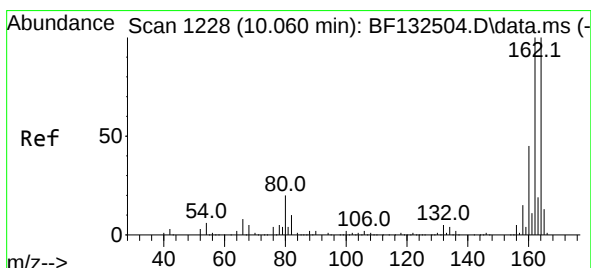
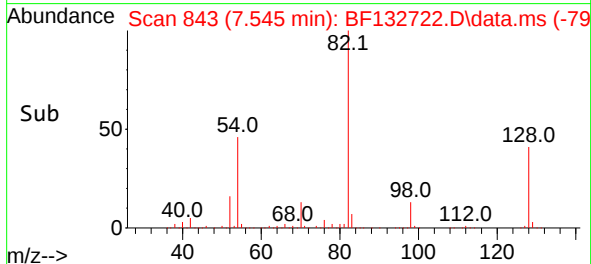
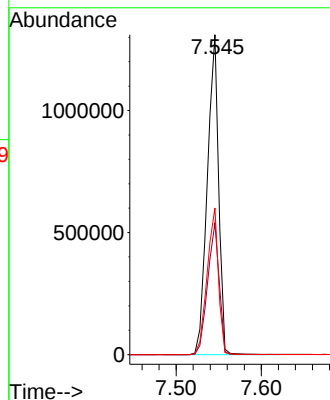
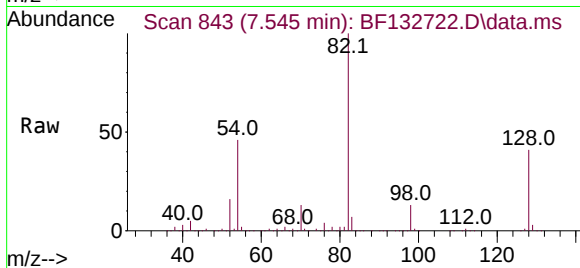
Tgt Ion: 82 Resp: 1208712

Ion Ratio Lower Upper

82 100

128 41.1 32.2 48.2

54 45.8 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1264

Delta R.T. -0.011 min

Lab File: BF132722.D

Acq: 09 Mar 2023 17:23

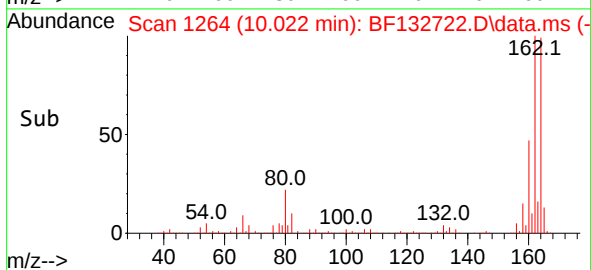
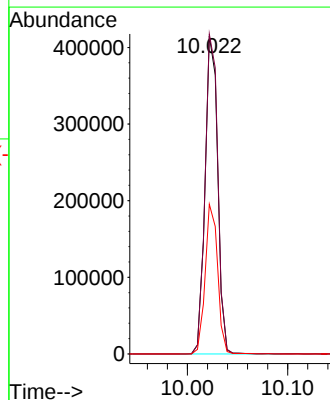
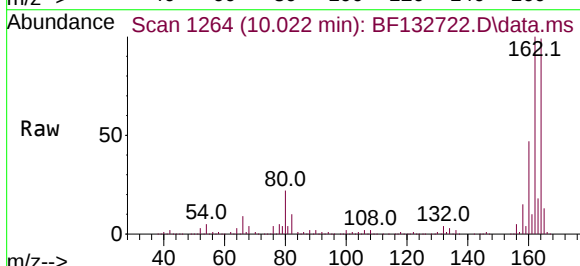
Tgt Ion:164 Resp: 361750

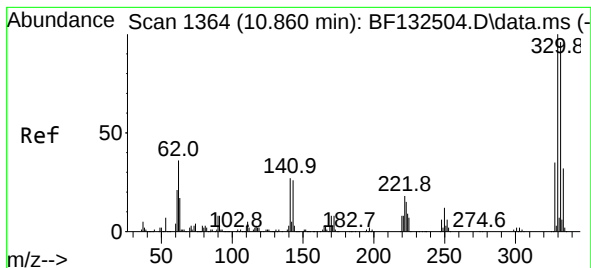
Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 47.1 35.8 53.6

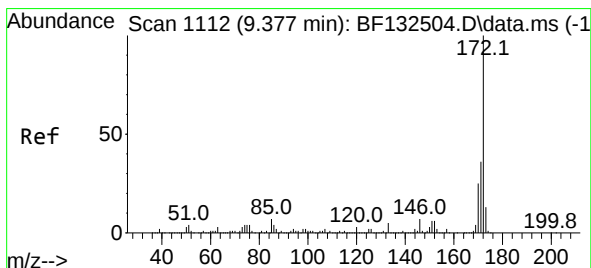
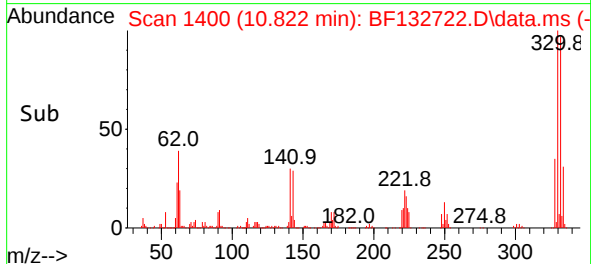
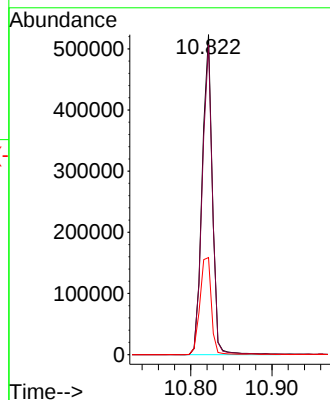
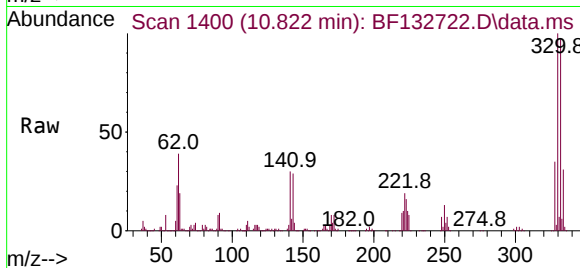




#42
 2,4,6-Tribromophenol
 Concen: 116.064 ng
 RT: 10.822 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BF132722.D
 Acq: 09 Mar 2023 17:23

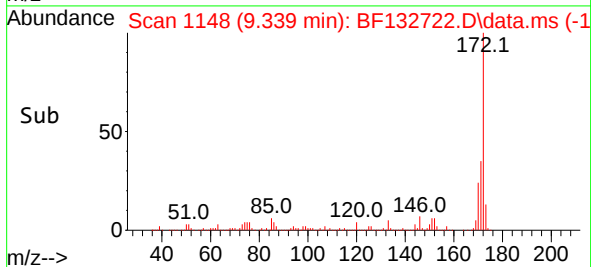
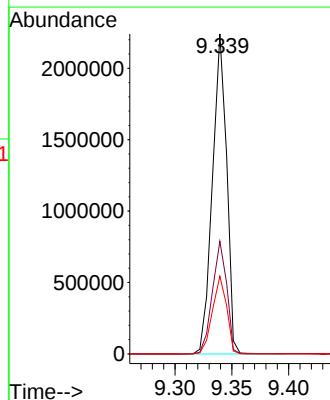
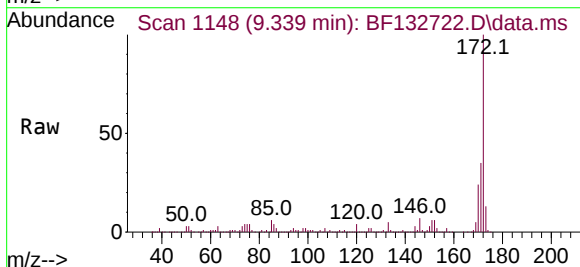
Instrument :
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 46

Tgt Ion:330 Resp: 453434
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 34.0 28.4 42.6



#45
 2-Fluorobiphenyl
 Concen: 82.137 ng
 RT: 9.339 min Scan# 1148
 Delta R.T. -0.006 min
 Lab File: BF132722.D
 Acq: 09 Mar 2023 17:23

Tgt Ion:172 Resp: 1951401
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.8 43.2
 170 24.3 19.7 29.5

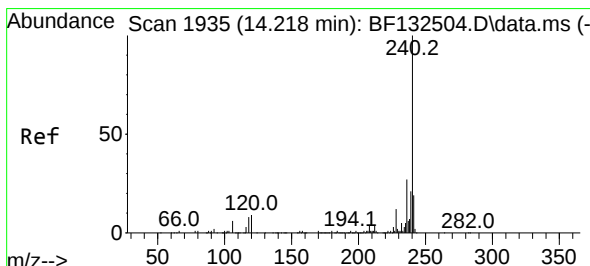
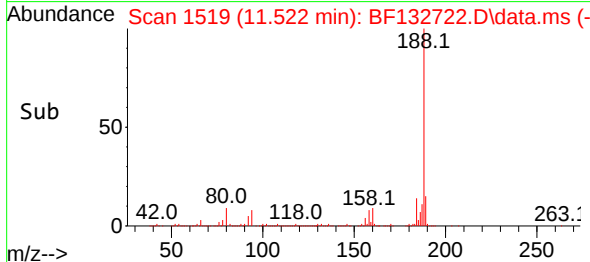
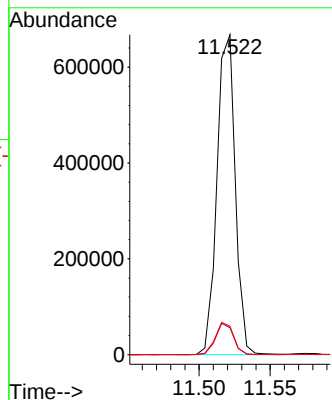
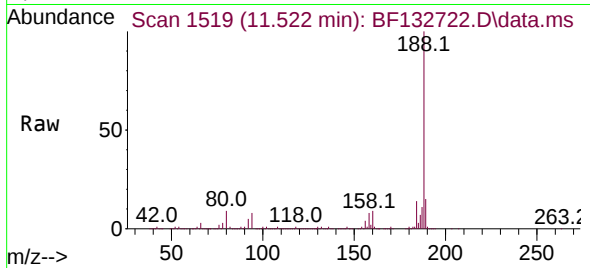




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132722.D
Acq: 09 Mar 2023 17:23

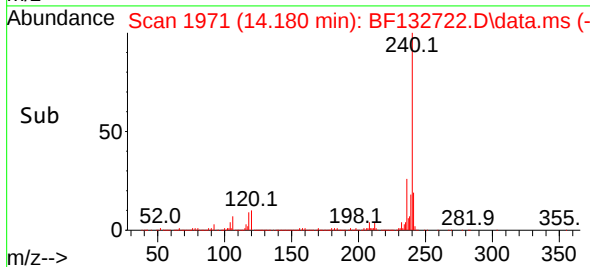
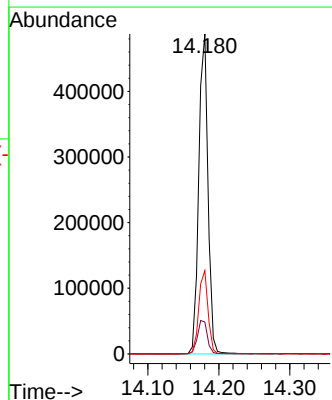
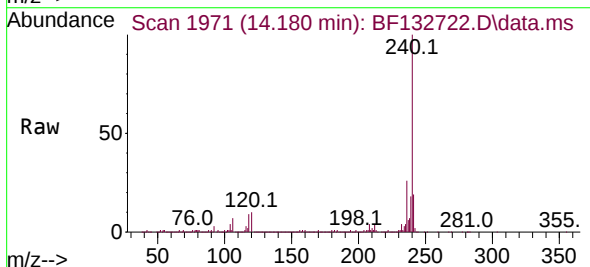
Instrument :
BNA_F
ClientSampleId :
46

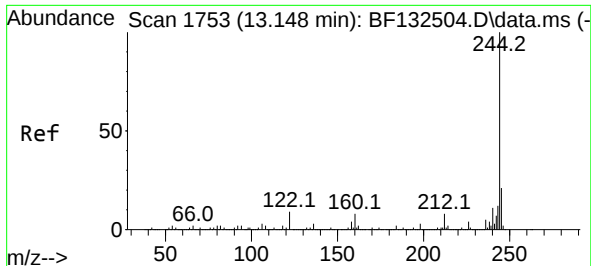
Tgt Ion:188 Resp: 599201
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 8.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132722.D
Acq: 09 Mar 2023 17:23

Tgt Ion:240 Resp: 437138
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.0 21.8 32.6

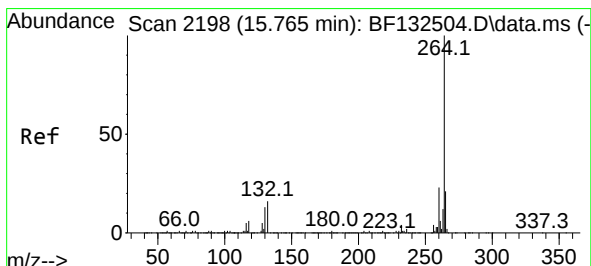
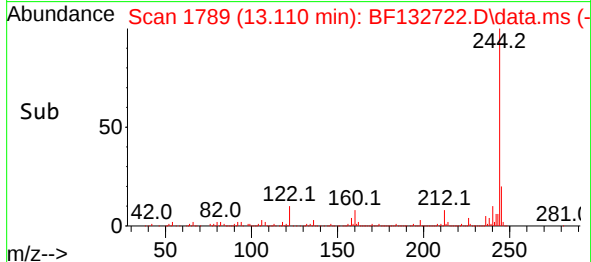
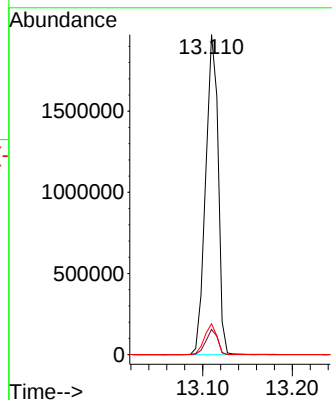
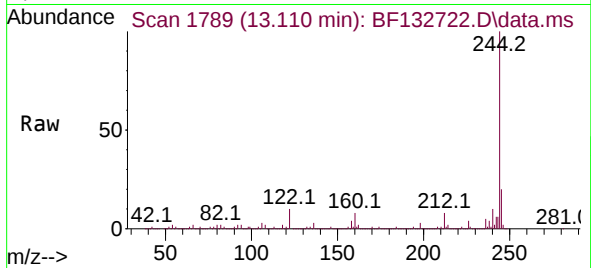




#79
 Terphenyl-d14
 Concen: 73.659 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132722.D
 Acq: 09 Mar 2023 17:23

Instrument :
 BNA_F
 ClientSampleId :
 46

Tgt Ion:244 Resp: 1904433
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.6 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: BF132722.D
 Acq: 09 Mar 2023 17:23

Tgt Ion:264 Resp: 443362
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.8 28.2
 265 21.9 17.1 25.7

