

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132730.D
 Acq On : 09 Mar 2023 21:43
 Operator : CG\JU
 Sample : 01848-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-03082023

Quant Time: Mar 10 03:40:50 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)

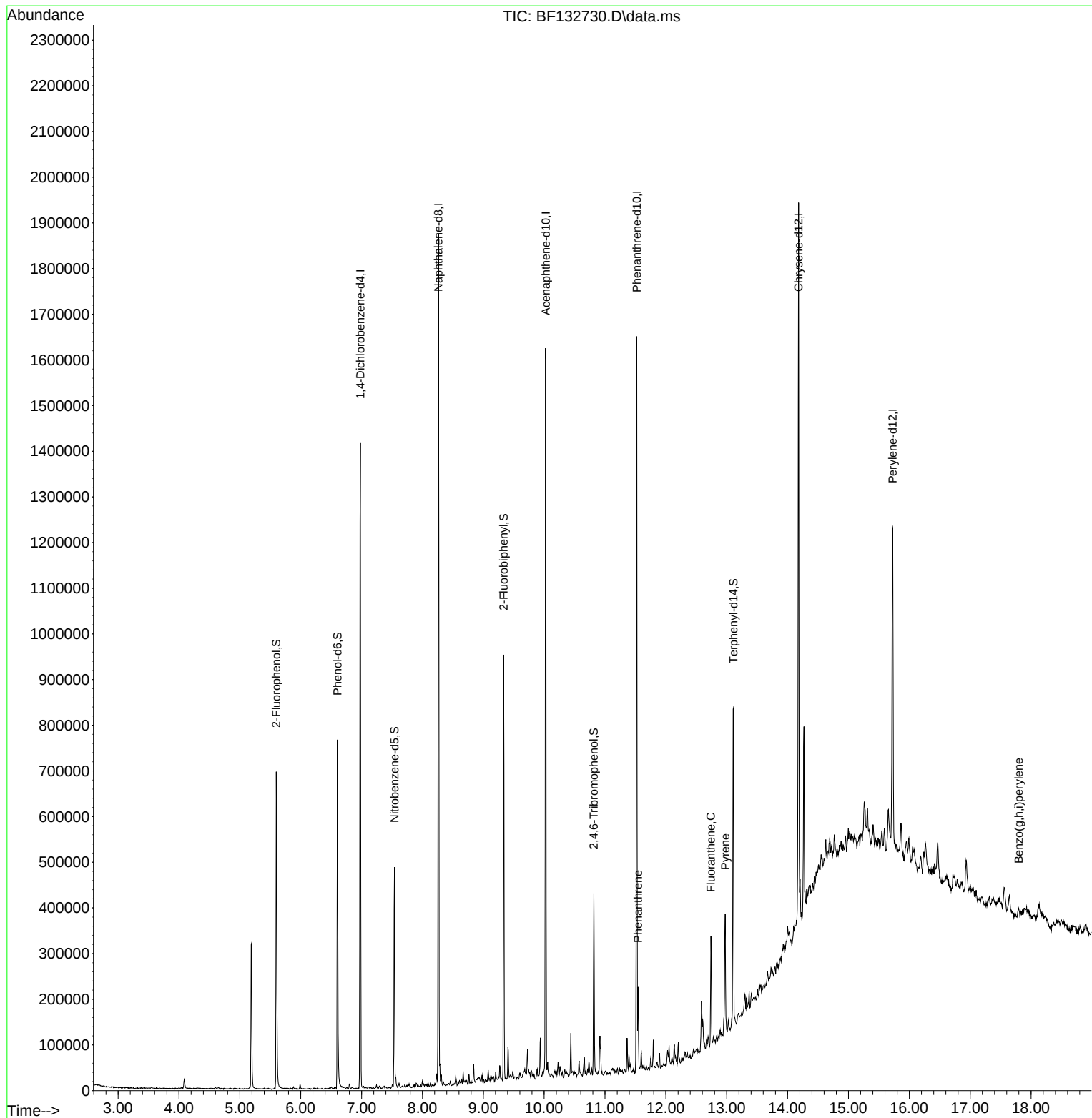
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	213549	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	724753	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	335517	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	574322	20.000	ng	0.00
76) Chrysene-d12	14.180	240	503323	20.000	ng	0.00
86) Perylene-d12	15.727	264	351420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	204280	15.525	ng	-0.01
7) Phenol-d6	6.604	99	259438	15.108	ng	-0.02
23) Nitrobenzene-d5	7.539	82	148578	9.726	ng	-0.02
42) 2,4,6-Tribromophenol	10.816	330	44639	12.320	ng	-0.01
45) 2-Fluorobiphenyl	9.333	172	259647	11.783	ng	-0.01
79) Terphenyl-d14	13.110	244	262136	8.806	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.545	178	61206	2.057	ng	99
75) Fluoranthene	12.739	202	93320	2.869	ng	99
78) Pyrene	12.974	202	100217	2.190	ng	96
92) Benzo(g,h,i)perylene	17.798	276	17995	2.434	ng	# 84

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132730.D
Acq On : 09 Mar 2023 21:43
Operator : CG\JU
Sample : 01848-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

Quant Time: Mar 10 03:40:50 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

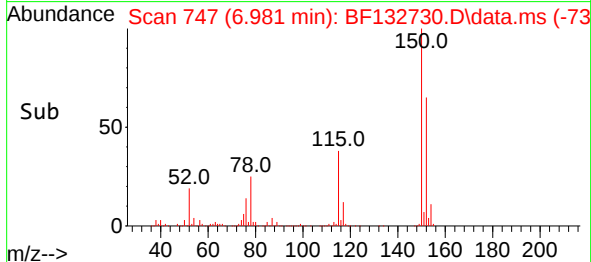
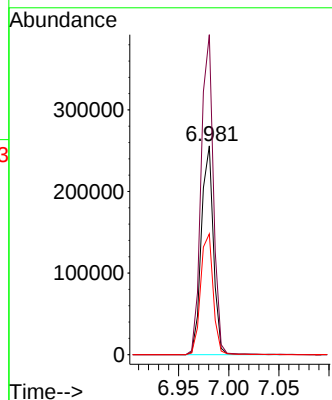
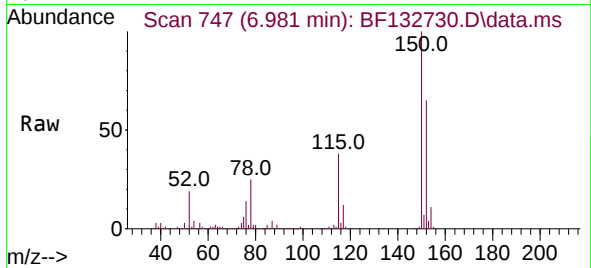




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43

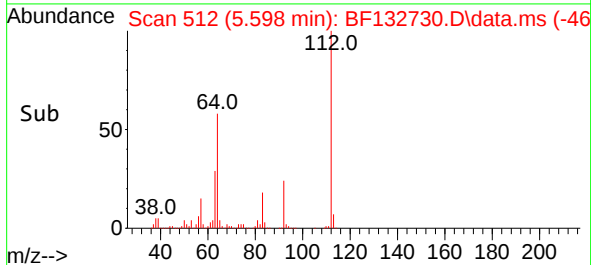
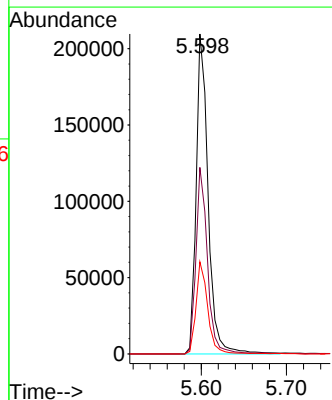
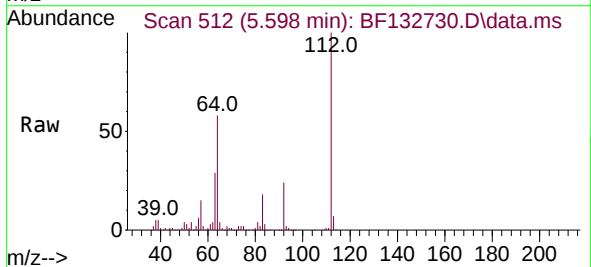
Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

Tgt Ion:152 Resp: 213549
Ion Ratio Lower Upper
152 100
150 153.3 125.4 188.2
115 57.9 47.8 71.6



#5
2-Fluorophenol
Concen: 15.525 ng
RT: 5.598 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43

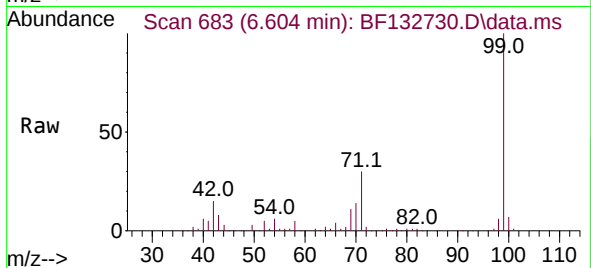
Tgt Ion:112 Resp: 204280
Ion Ratio Lower Upper
112 100
64 58.3 51.6 77.4
63 28.8 27.4 41.2





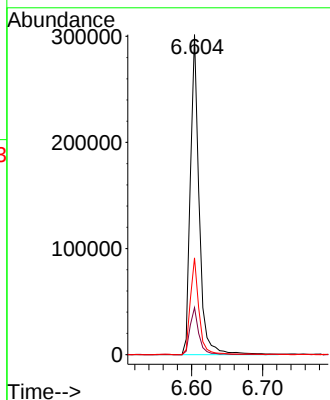
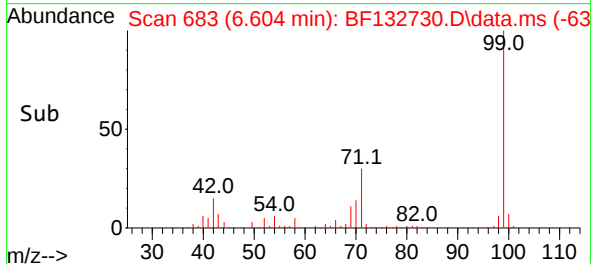
#7
Phenol-d6
Concen: 15.108 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43

Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

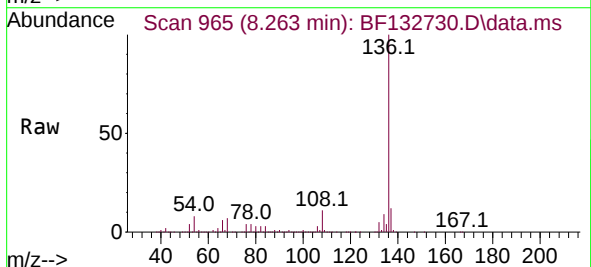


Tgt Ion: 99 Resp: 259438

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.9	20.9
71	30.2	28.5	42.7

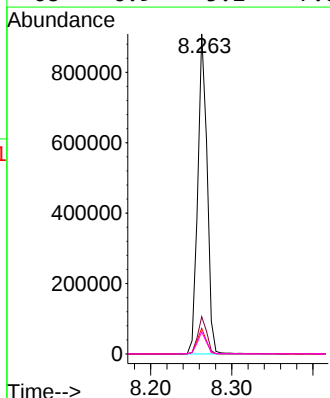
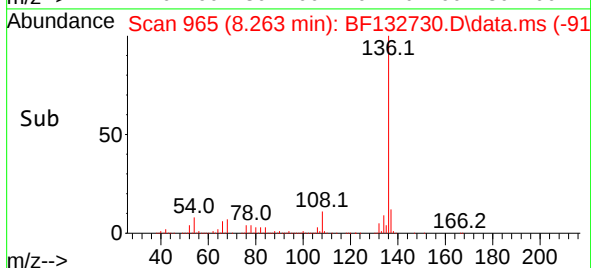


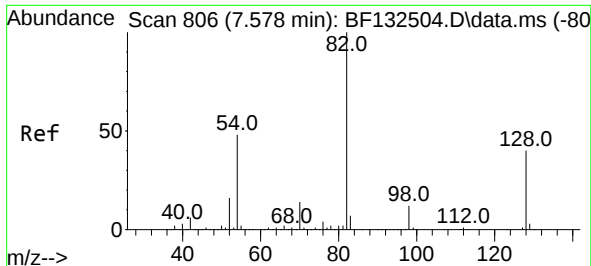
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43



Tgt Ion: 136 Resp: 724753

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.0	6.2	9.4
68	6.9	5.2	7.8





#23

Nitrobenzene-d5

Concen: 9.726 ng

RT: 7.539 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-03082023

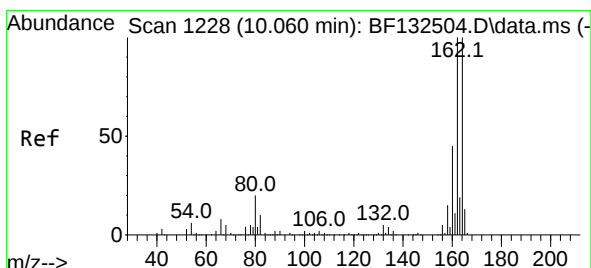
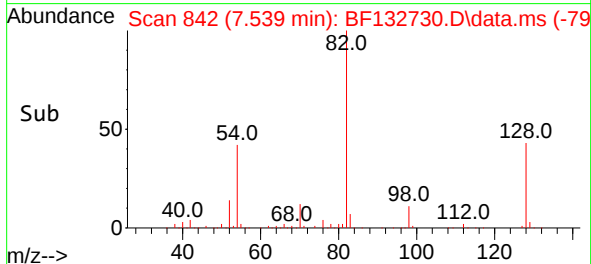
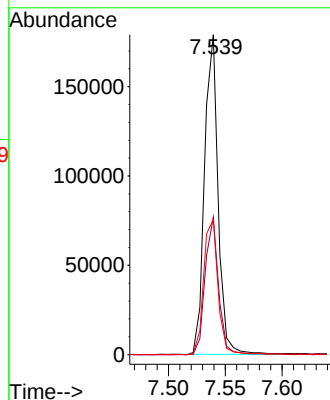
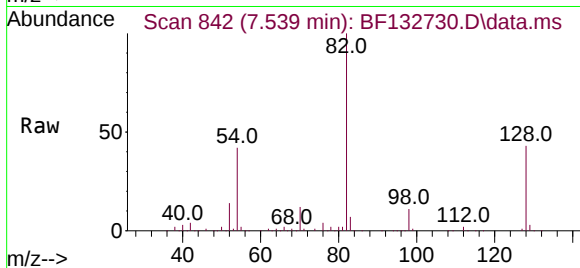
Tgt Ion: 82 Resp: 148578

Ion Ratio Lower Upper

82 100

128 42.9 32.2 48.2

54 42.3 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.027 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

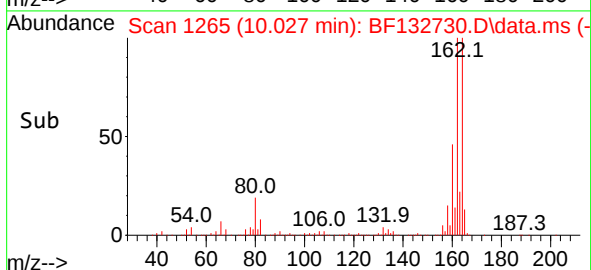
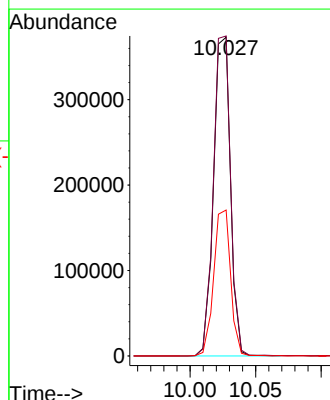
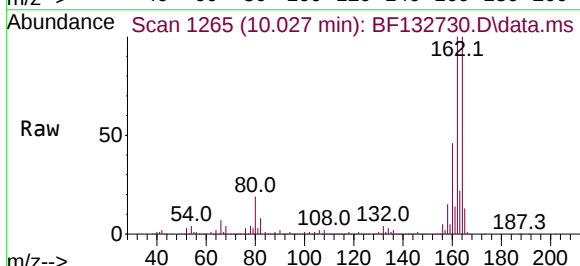
Tgt Ion:164 Resp: 335517

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

160 45.8 35.8 53.6

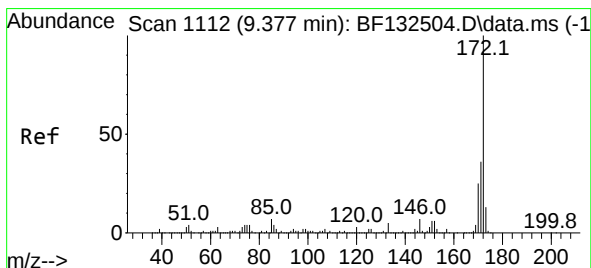
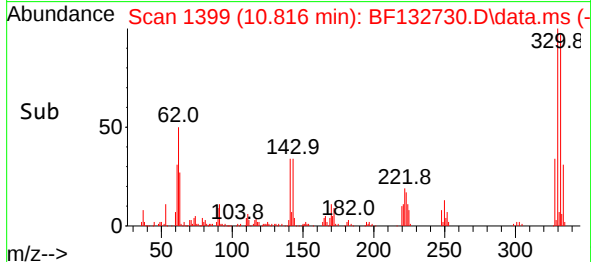
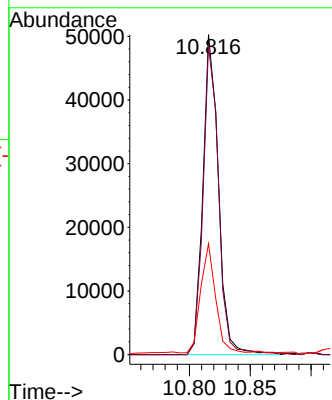
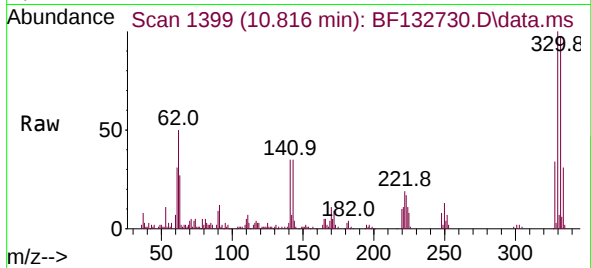




#42
2,4,6-Tribromophenol
Concen: 12.320 ng
RT: 10.816 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43

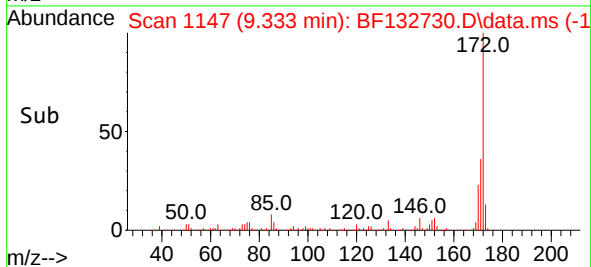
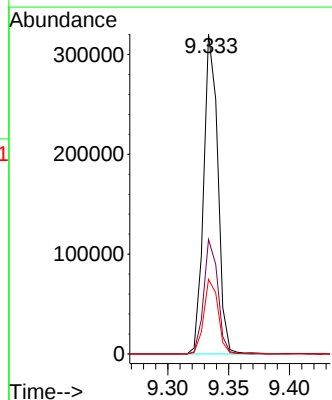
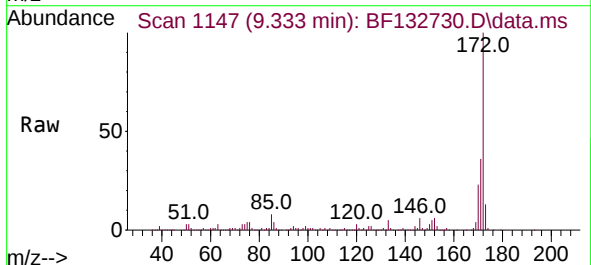
Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

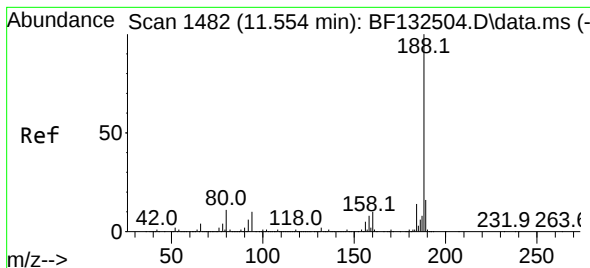
Tgt Ion:330 Resp: 44639
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 34.4 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 11.783 ng
RT: 9.333 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43

Tgt Ion:172 Resp: 259647
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.3 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.521 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-03082023

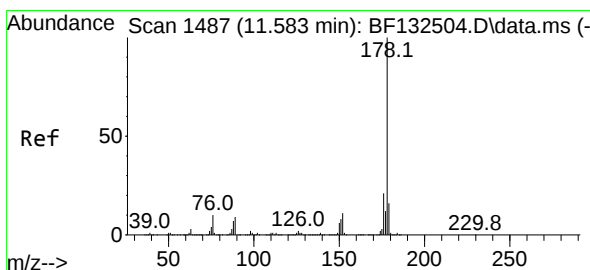
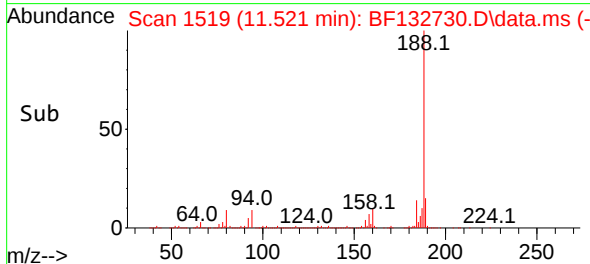
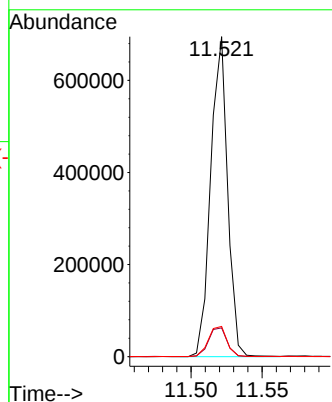
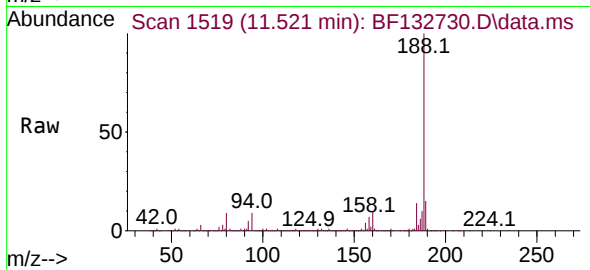
Tgt Ion:188 Resp: 574322

Ion Ratio Lower Upper

188 100

94 9.0 8.3 12.5

80 9.4 8.7 13.1



#71

Phenanthrene

Concen: 2.057 ng

RT: 11.545 min Scan# 1523

Delta R.T. -0.012 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

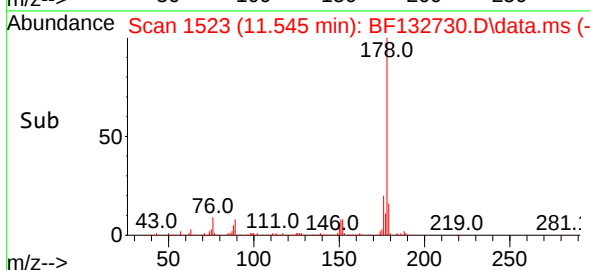
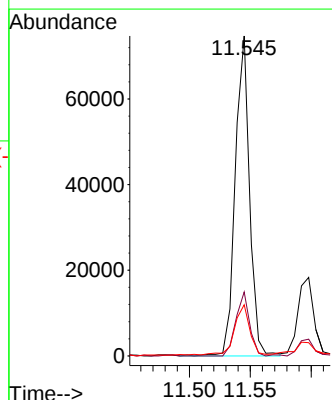
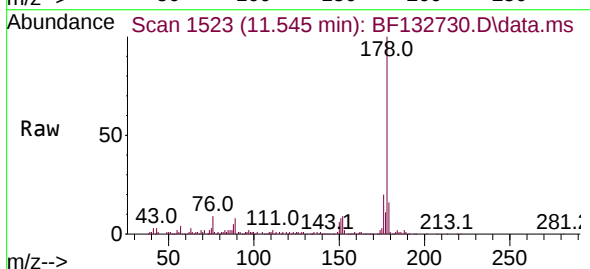
Tgt Ion:178 Resp: 61206

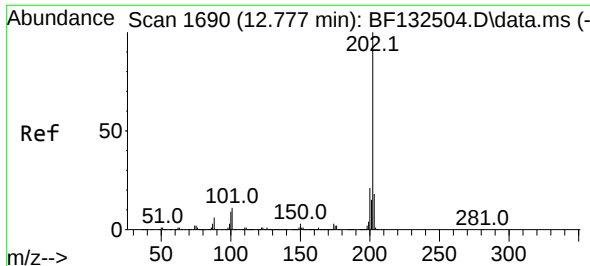
Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

179 16.0 13.0 19.6

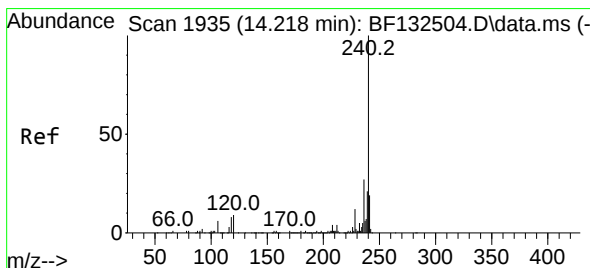
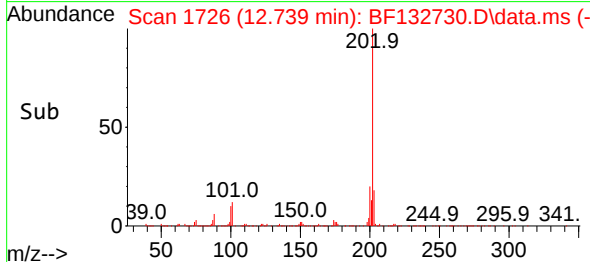
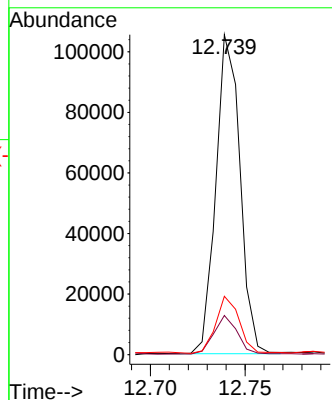
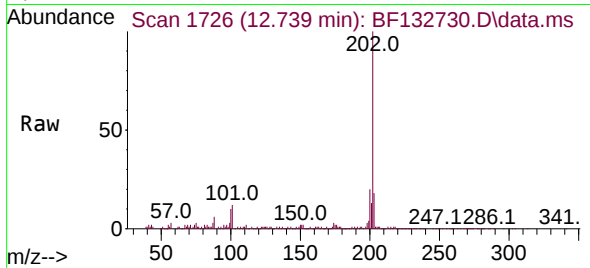




#75
Fluoranthene
Concen: 2.869 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43

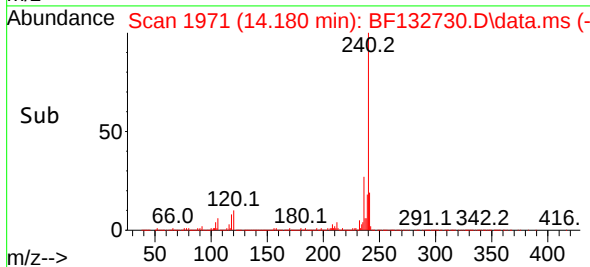
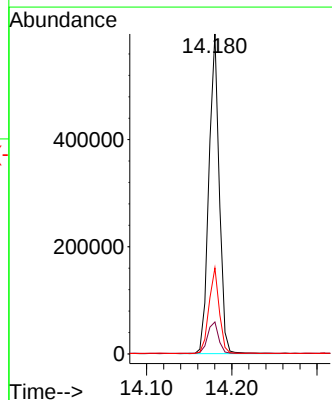
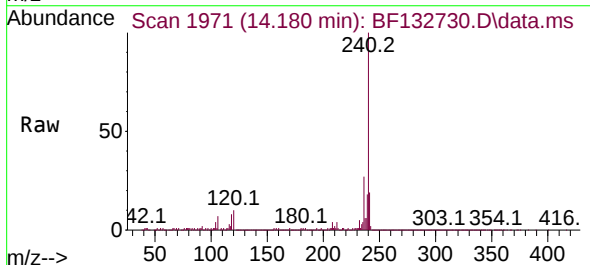
Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

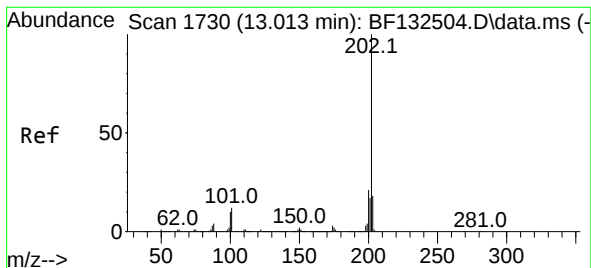
Tgt Ion:202 Resp: 93320
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132730.D
Acq: 09 Mar 2023 21:43

Tgt Ion:240 Resp: 503323
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.9 21.8 32.6





#78

Pyrene

Concen: 2.190 ng

RT: 12.974 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-03082023

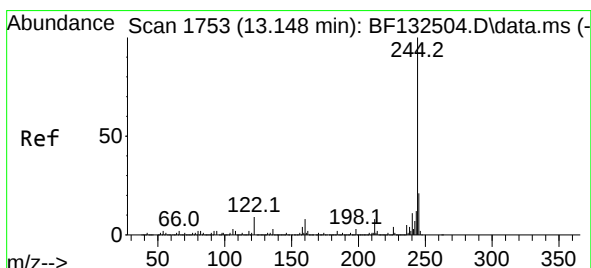
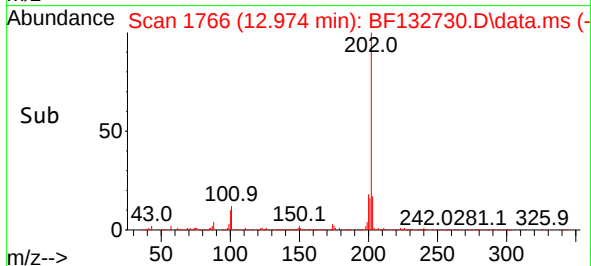
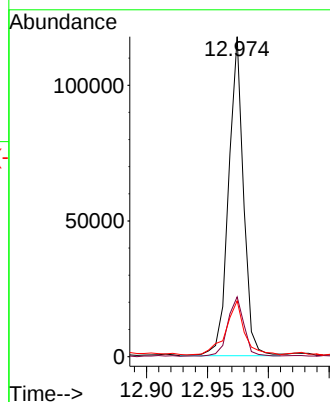
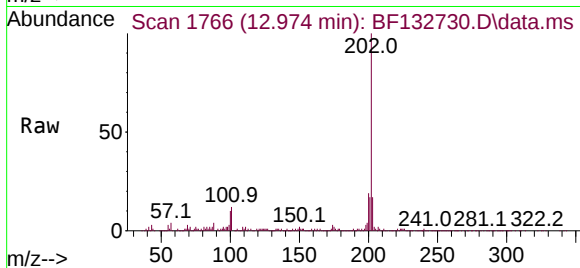
Tgt Ion:202 Resp: 100217

Ion Ratio Lower Upper

202 100

200 18.7 17.1 25.7

203 17.4 14.6 21.8



#79

Terphenyl-d14

Concen: 8.806 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

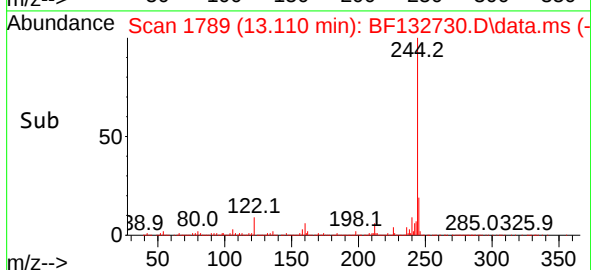
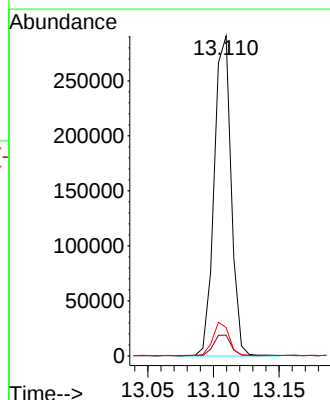
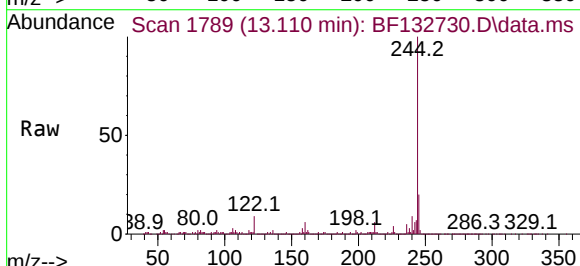
Tgt Ion:244 Resp: 262136

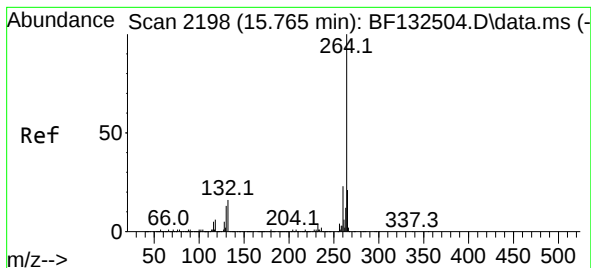
Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7#

122 8.9 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-03082023

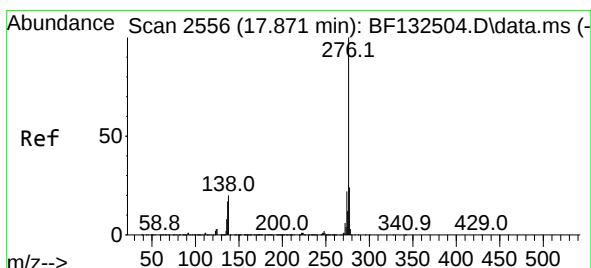
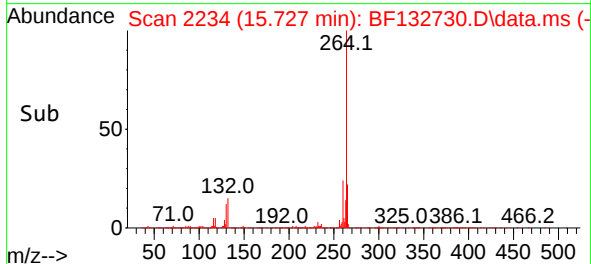
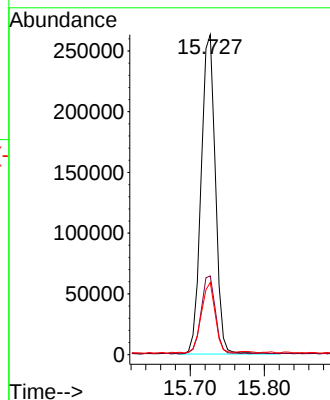
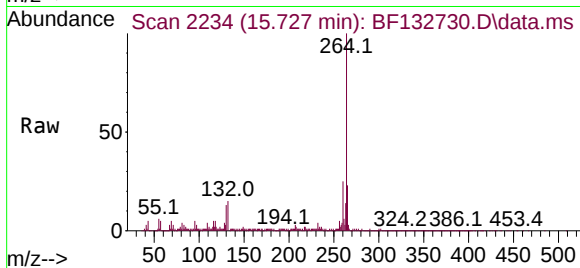
Tgt Ion:264 Resp: 351420

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 22.5 17.1 25.7



#92

Benzo(g,h,i)perylene

Concen: 2.434 ng

RT: 17.798 min Scan# 2586

Delta R.T. -0.018 min

Lab File: BF132730.D

Acq: 09 Mar 2023 21:43

Tgt Ion:276 Resp: 17995

Ion Ratio Lower Upper

276 100

277 30.7 18.9 28.3#

138 28.3 16.2 24.4#

