

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132740.D
 Acq On : 10 Mar 2023 14:23
 Operator : CG\JU
 Sample : PB151252TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151252TB

Quant Time: Mar 10 17:50:47 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	246493	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	922714	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	505467	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	972933	20.000	ng	0.00
76) Chrysene-d12	14.180	240	635059	20.000	ng	0.00
86) Perylene-d12	15.721	264	484957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1859930	122.462	ng	0.01
7) Phenol-d6	6.616	99	2398401	121.001	ng	0.00
23) Nitrobenzene-d5	7.546	82	1589137	81.711	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	705241	129.193	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2588210	77.967	ng	0.00
79) Terphenyl-d14	13.116	244	3257912	86.737	ng	0.00

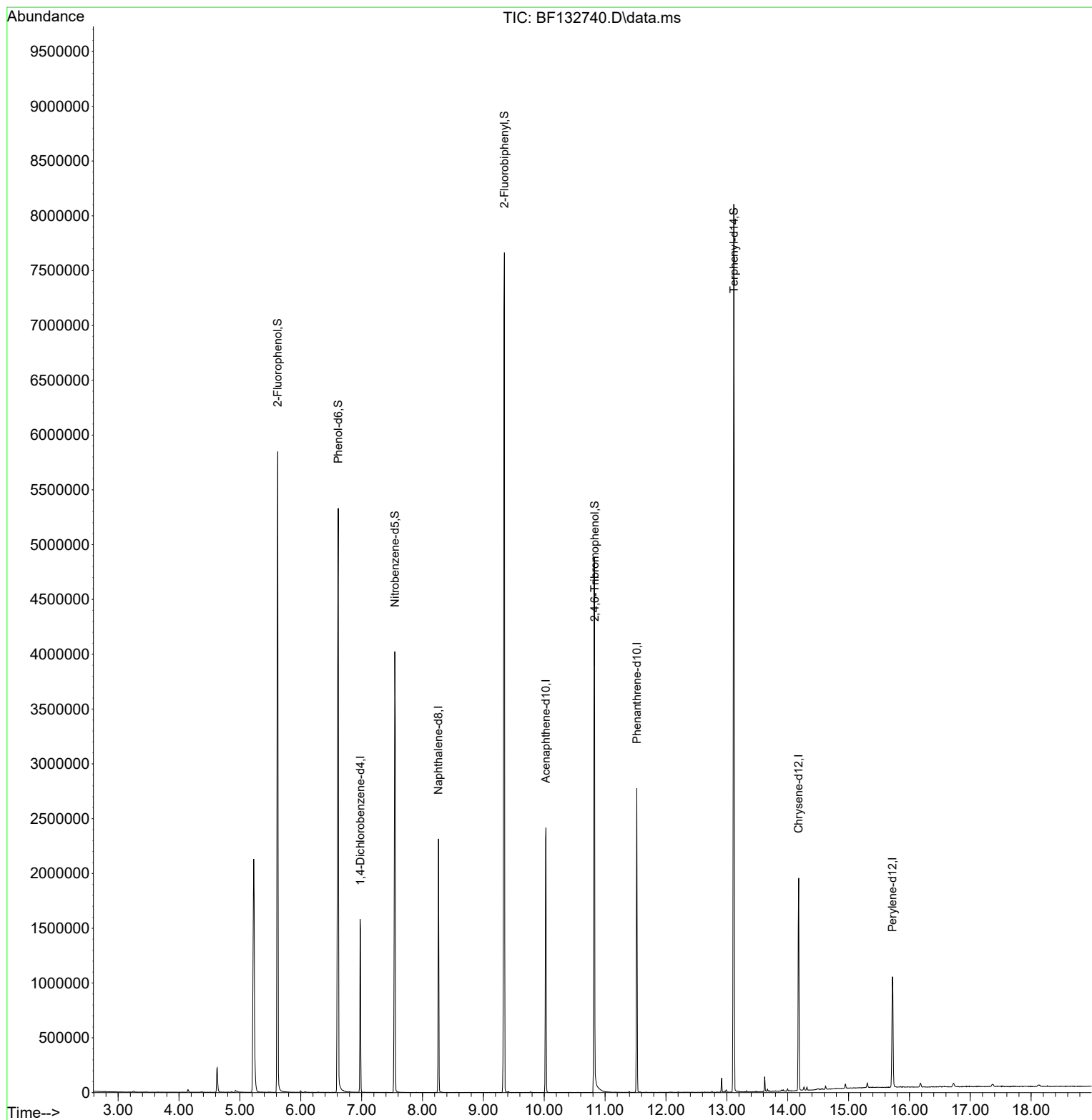
Target Compounds	Qvalue

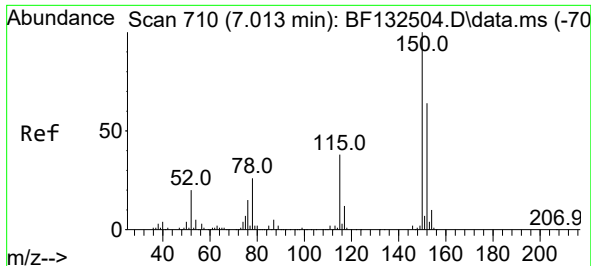
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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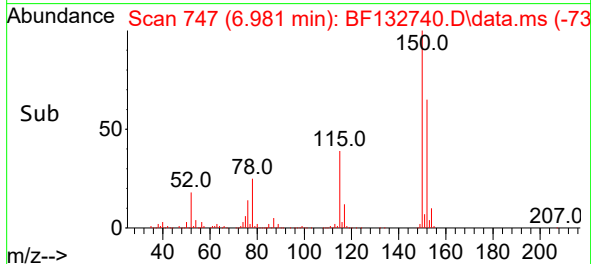
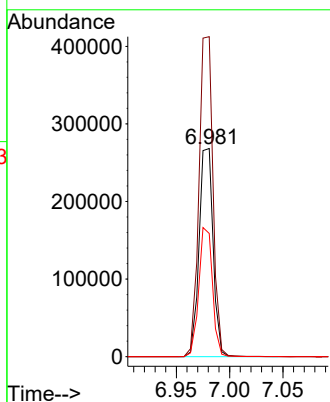
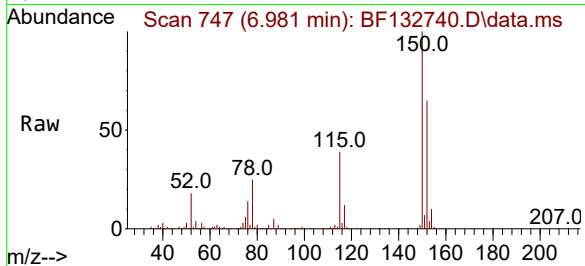




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

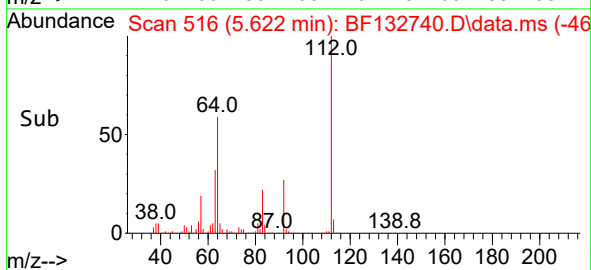
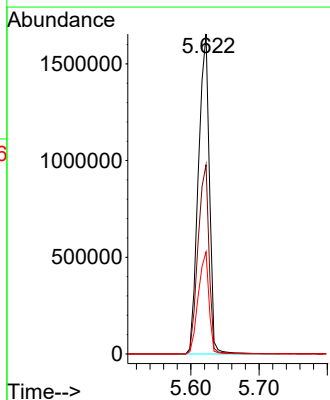
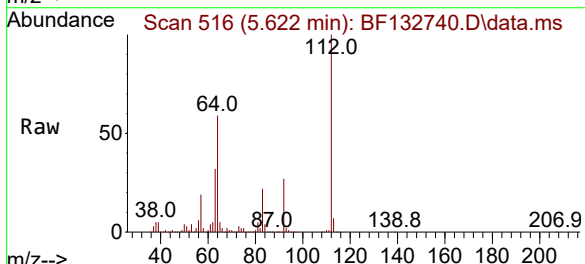
Instrument :
BNA_F
ClientSampleId :
PB151252TB

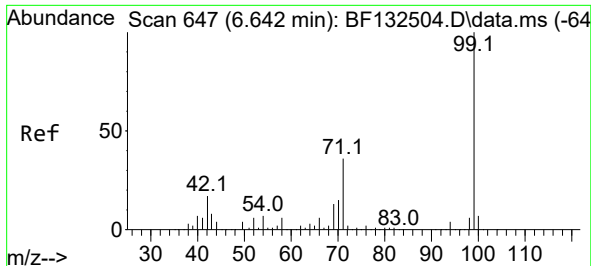
Tgt Ion:152 Resp: 246493
Ion Ratio Lower Upper
152 100
150 153.8 125.4 188.2
115 59.2 47.8 71.6



#5
2-Fluorophenol
Concen: 122.462 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion:112 Resp: 1859930
Ion Ratio Lower Upper
112 100
64 59.1 51.6 77.4
63 31.9 27.4 41.2

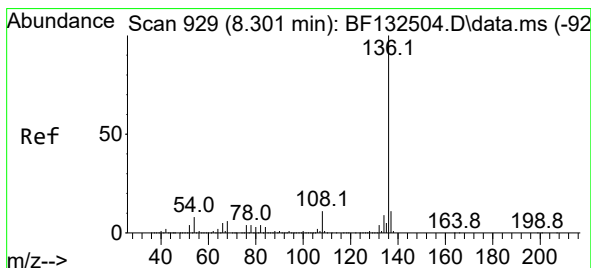
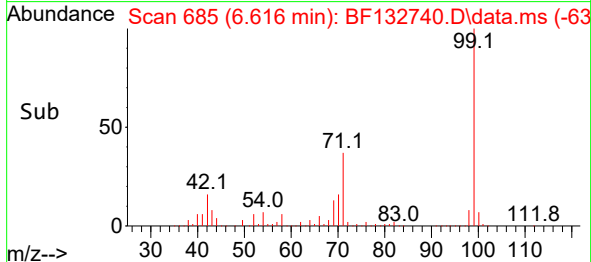
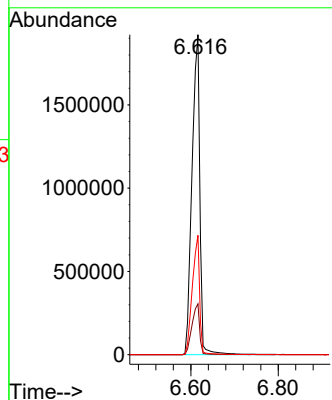
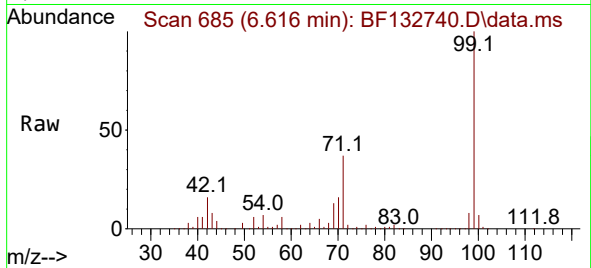




#7
Phenol-d6
Concen: 121.001 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

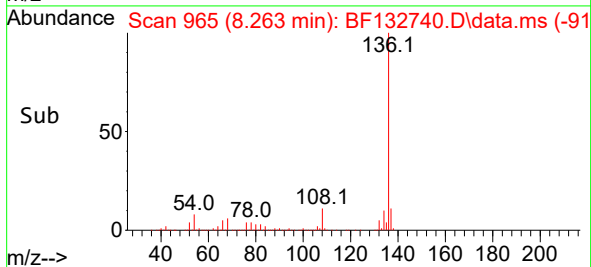
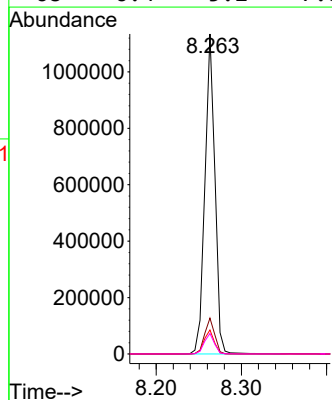
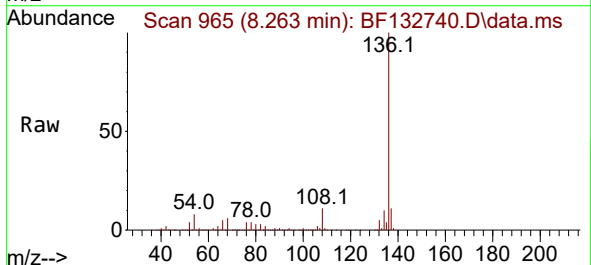
Instrument :
BNA_F
ClientSampleId :
PB151252TB

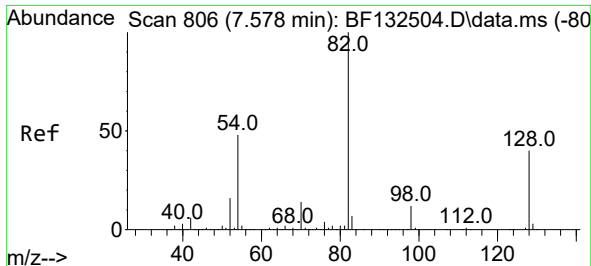
Tgt Ion: 99 Resp: 2398401
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 37.3 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion: 136 Resp: 922714
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.2 9.4
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 81.711 ng

RT: 7.546 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF132740.D

Acq: 10 Mar 2023 14:23

Instrument :

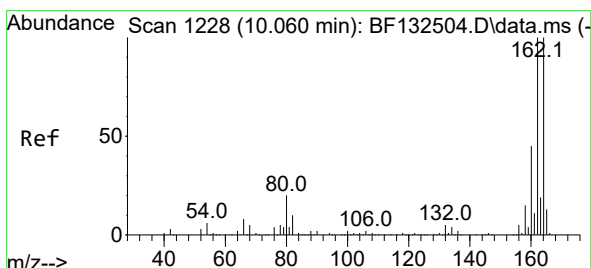
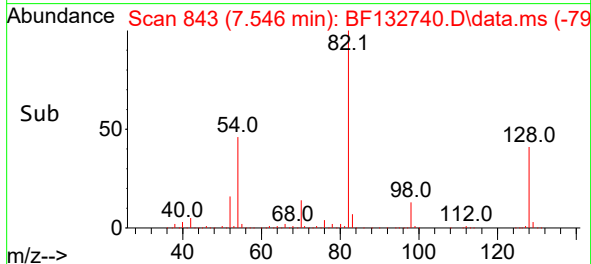
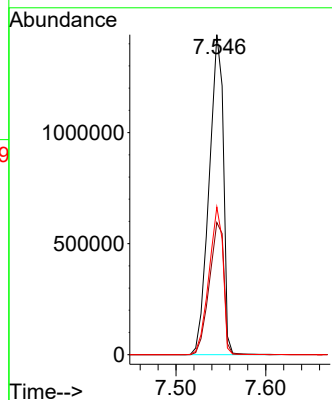
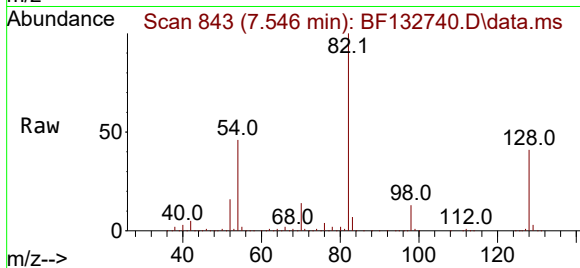
BNA_F

ClientSampleId :

PB151252TB

Tgt Ion: 82 Resp: 1589137

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.2
54	46.2	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1265

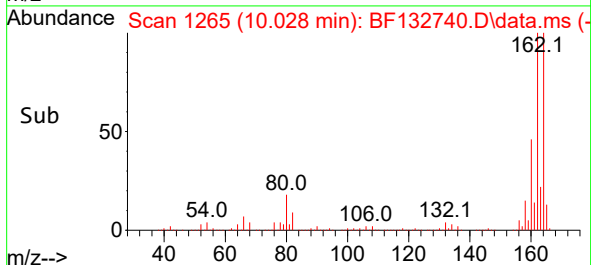
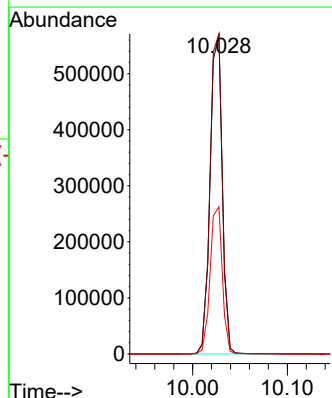
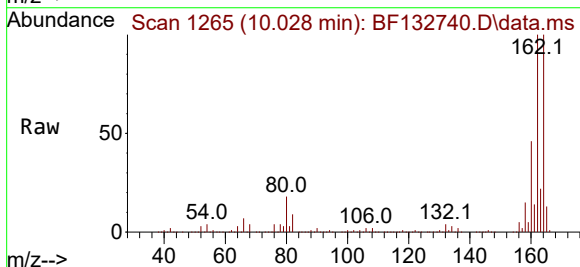
Delta R.T. -0.006 min

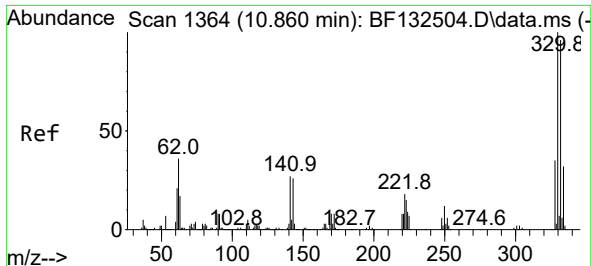
Lab File: BF132740.D

Acq: 10 Mar 2023 14:23

Tgt Ion:164 Resp: 505467

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.8	119.8
160	46.1	35.8	53.6

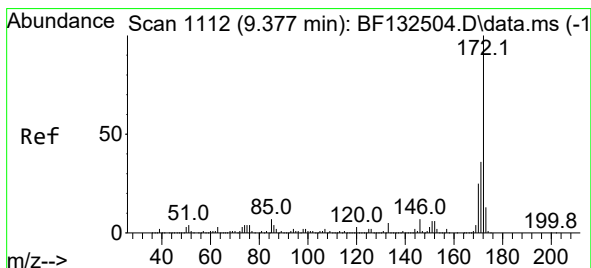
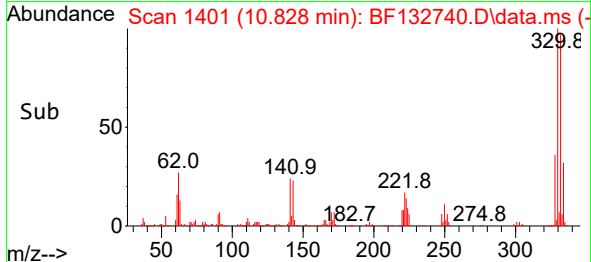
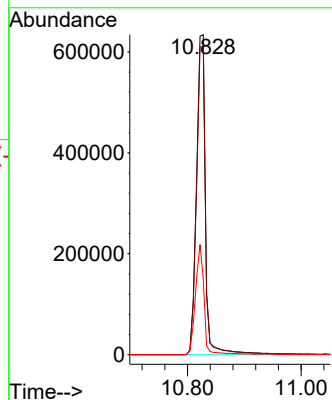
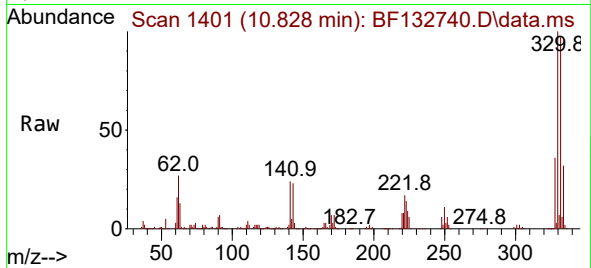




#42
 2,4,6-Tribromophenol
 Concen: 129.193 ng
 RT: 10.828 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: BF132740.D
 Acq: 10 Mar 2023 14:23

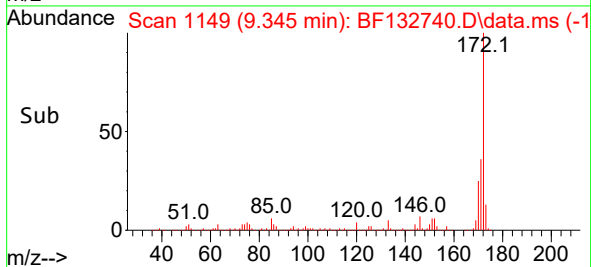
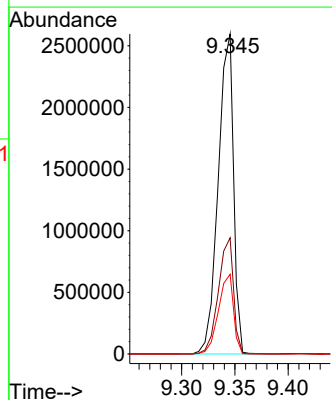
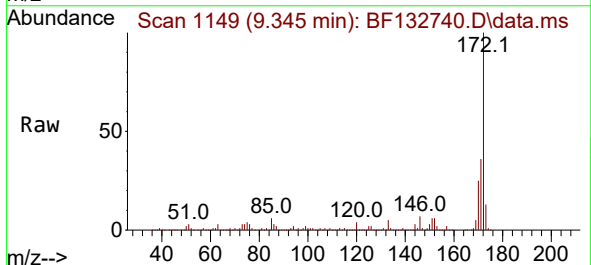
Instrument :
 BNA_F
 ClientSampleId :
 PB151252TB

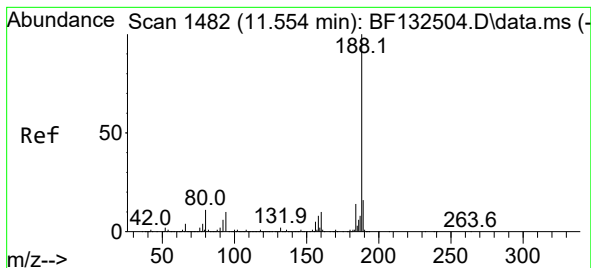
Tgt Ion: 330 Resp: 705241
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 32.5 28.4 42.6



#45
 2-Fluorobiphenyl
 Concen: 77.967 ng
 RT: 9.345 min Scan# 1149
 Delta R.T. 0.000 min
 Lab File: BF132740.D
 Acq: 10 Mar 2023 14:23

Tgt Ion: 172 Resp: 2588210
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 24.9 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132740.D

Acq: 10 Mar 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB151252TB

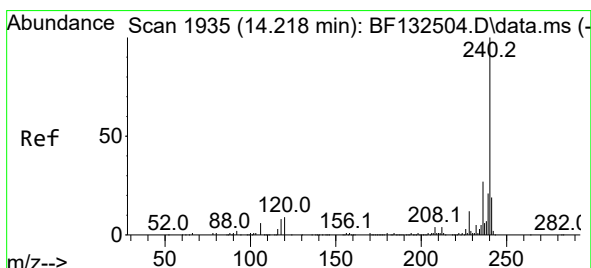
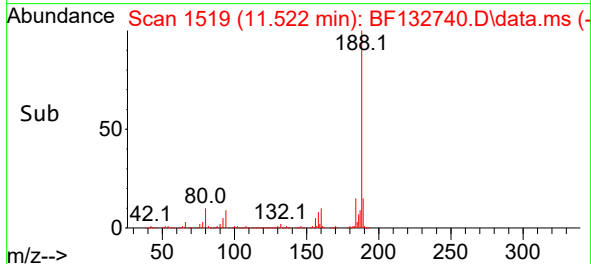
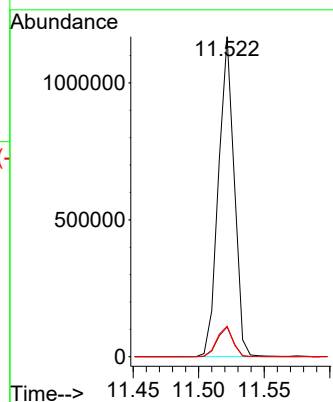
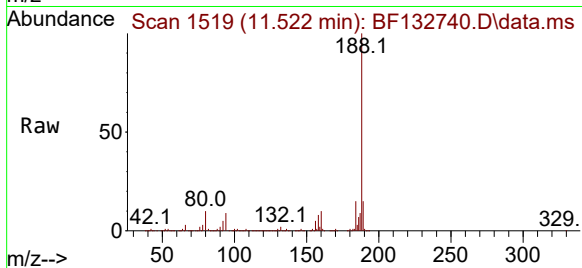
Tgt Ion:188 Resp: 972933

Ion Ratio Lower Upper

188 100

94 9.3 8.3 12.5

80 9.5 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: BF132740.D

Acq: 10 Mar 2023 14:23

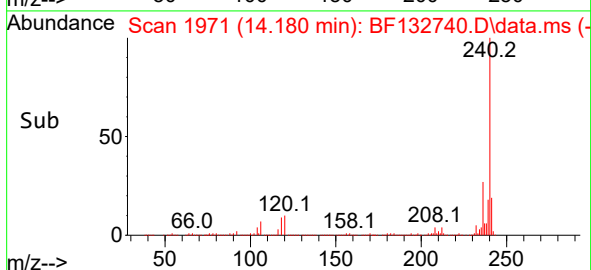
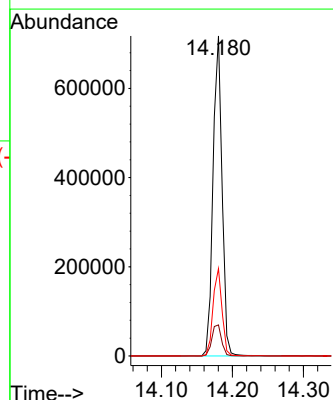
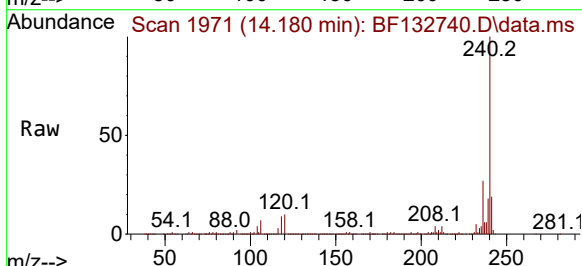
Tgt Ion:240 Resp: 635059

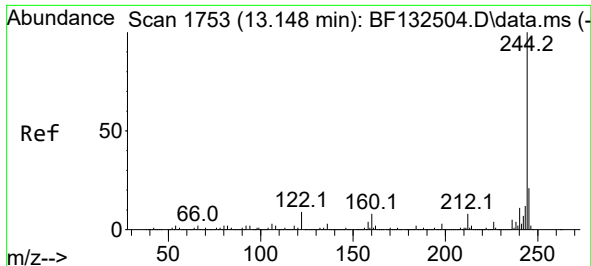
Ion Ratio Lower Upper

240 100

120 9.7 7.2 10.8

236 27.3 21.8 32.6

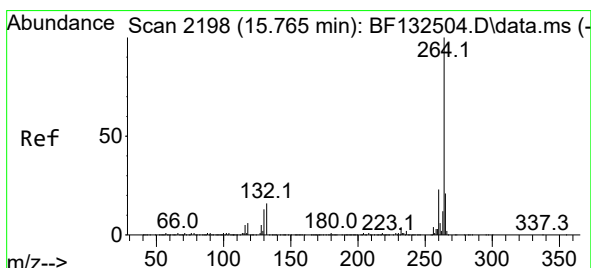
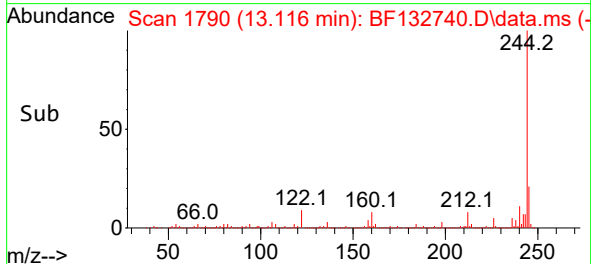
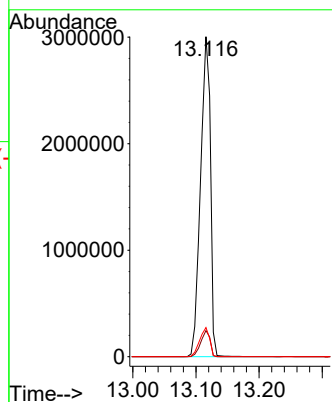
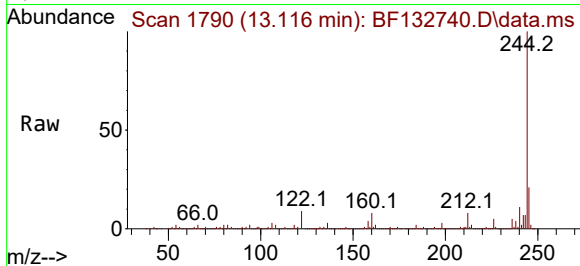




#79
 Terphenyl-d14
 Concen: 86.737 ng
 RT: 13.116 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF132740.D
 Acq: 10 Mar 2023 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB151252TB

Tgt Ion:244 Resp: 3257912
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.1 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: BF132740.D
 Acq: 10 Mar 2023 14:23

Tgt Ion:264 Resp: 484957
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.4 17.1 25.7

