

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132717.D
 Acq On : 09 Mar 2023 14:37
 Operator : CG\JU
 Sample : 01833-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11

Quant Time: Mar 09 16:26:38 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	190148	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	674699	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	351754	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	551237	20.000	ng	0.00
76) Chrysene-d12	14.180	240	411377	20.000	ng	0.00
86) Perylene-d12	15.721	264	401608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1331488	113.647	ng	0.01
7) Phenol-d6	6.616	99	1543082	100.918	ng	0.00
23) Nitrobenzene-d5	7.545	82	1193750	83.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	438653	115.472	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1933850	83.712	ng	0.00
79) Terphenyl-d14	13.116	244	1847872	75.947	ng	0.00

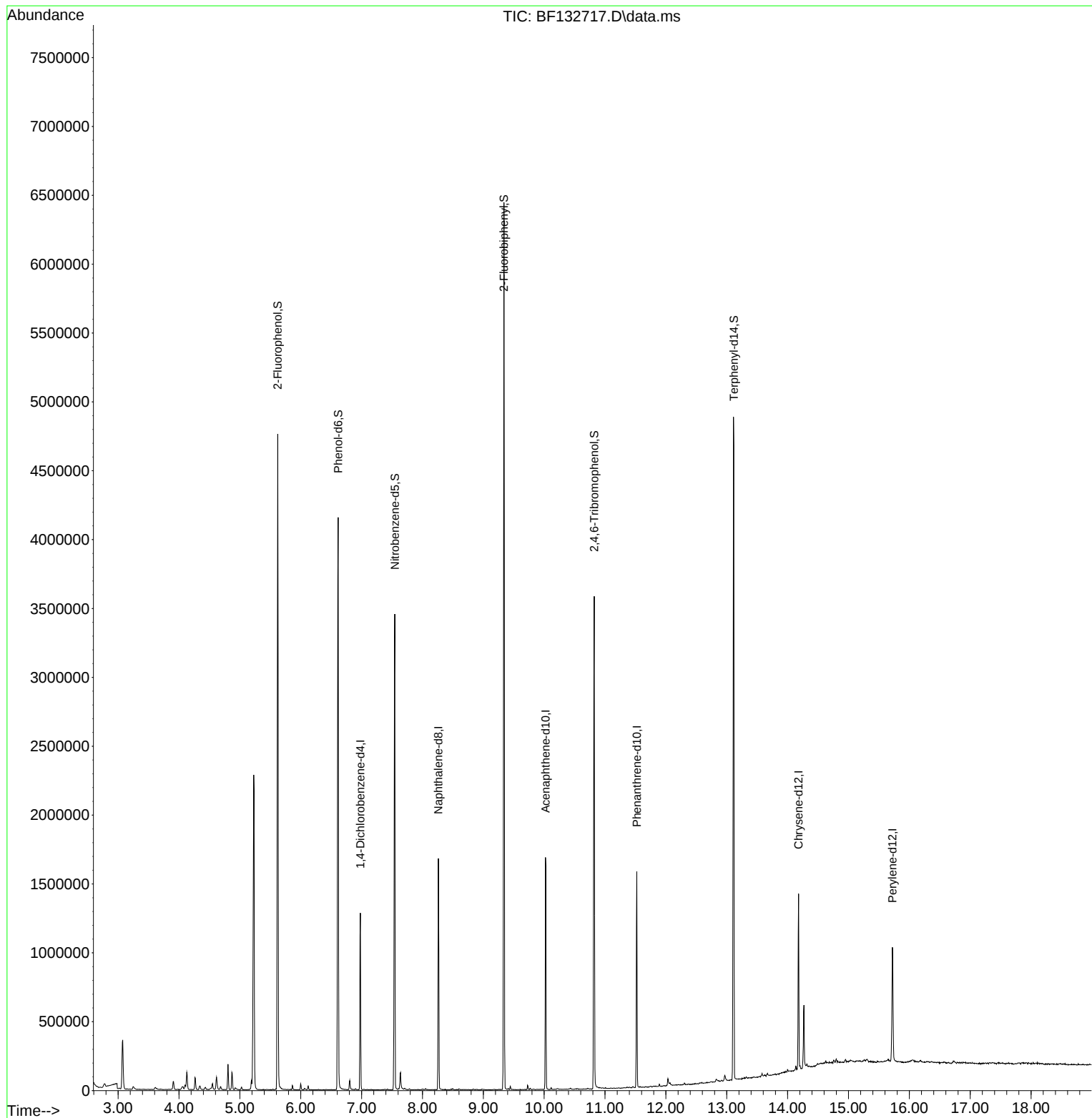
Target Compounds Qvalue

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

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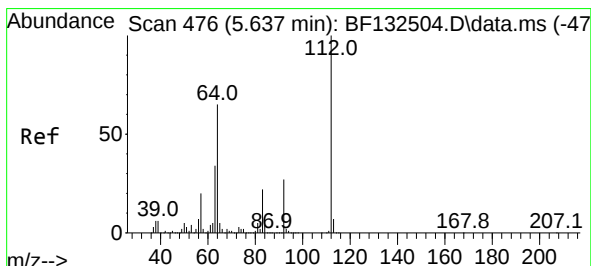
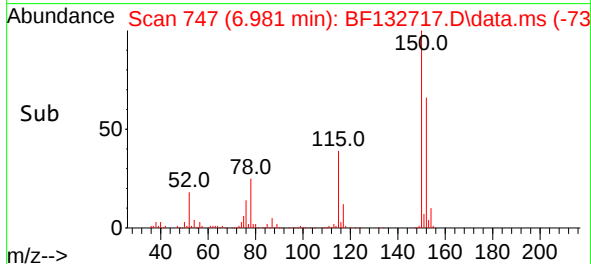
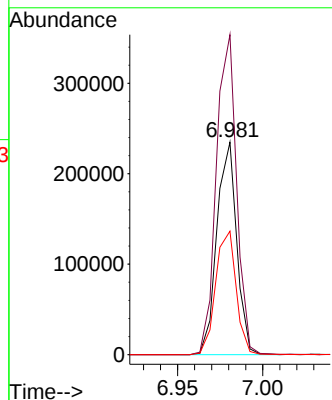
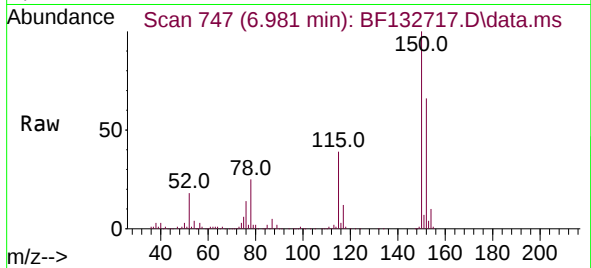




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

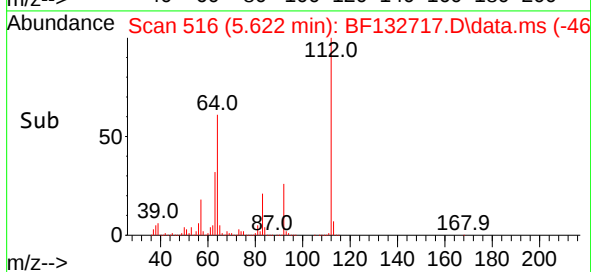
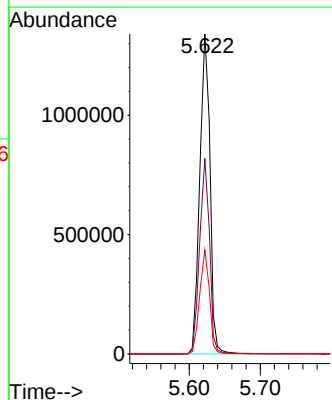
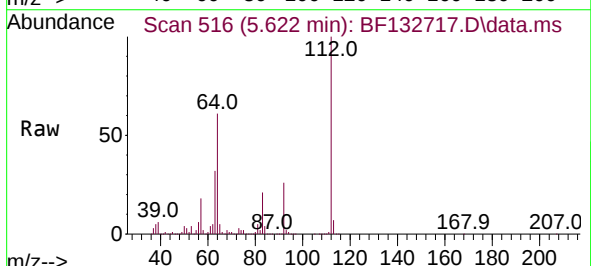
Instrument :
BNA_F
ClientSampleId :
11

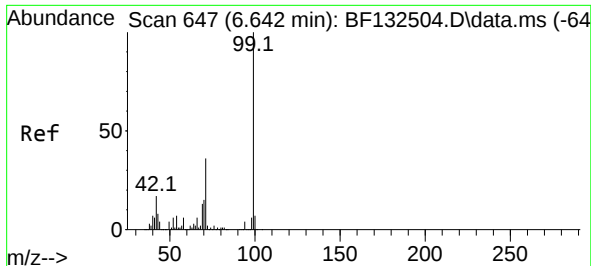
Tgt Ion:152 Resp: 190148
Ion Ratio Lower Upper
152 100
150 150.6 125.4 188.2
115 58.1 47.8 71.6



#5
2-Fluorophenol
Concen: 113.647 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

Tgt Ion:112 Resp: 1331488
Ion Ratio Lower Upper
112 100
64 61.1 51.6 77.4
63 32.5 27.4 41.2



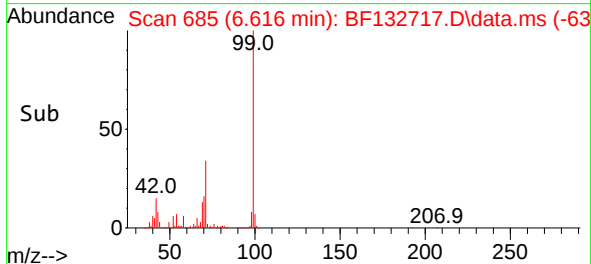
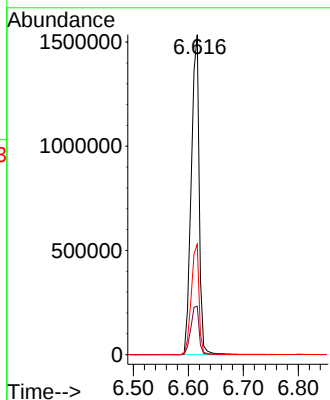
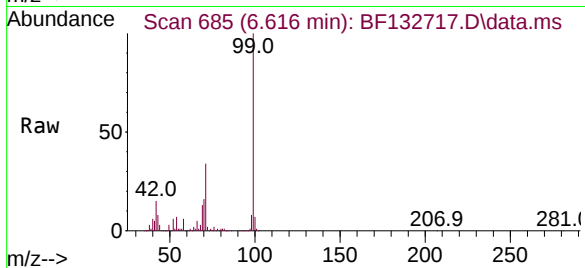


#7
Phenol-d6
Concen: 100.918 ng
RT: 6.616 min Scan# 611
Delta R.T. -0.006 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

Instrument :
BNA_F
ClientSampleId :
11

Tgt Ion: 99 Resp: 1543082

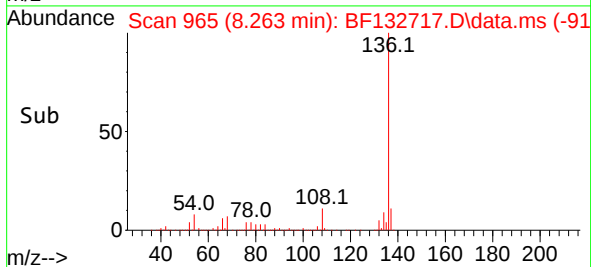
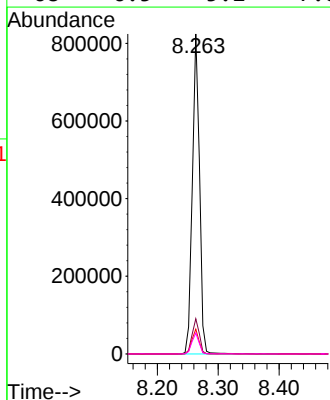
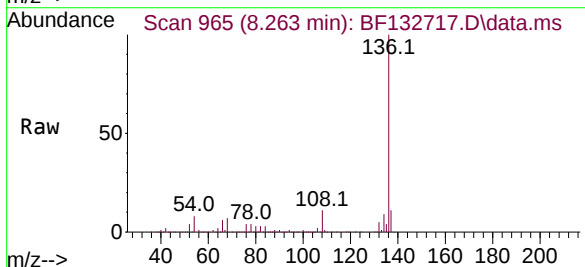
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.9	20.9
71	34.5	28.5	42.7

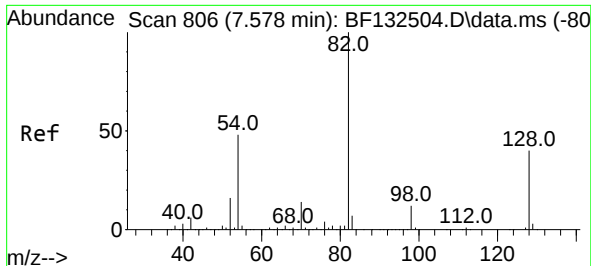


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

Tgt Ion: 136 Resp: 674699

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.2	9.4
68	6.5	5.2	7.8

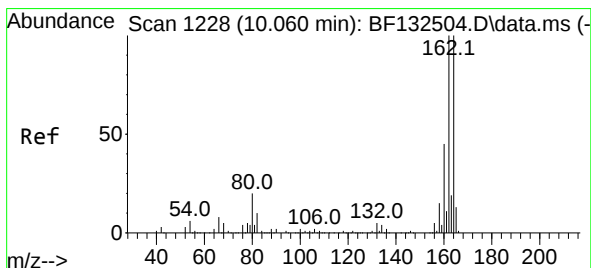
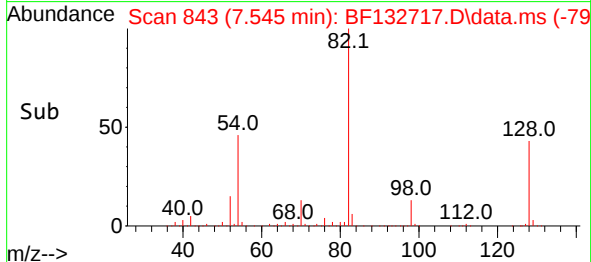
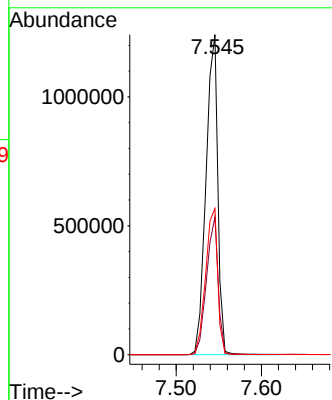
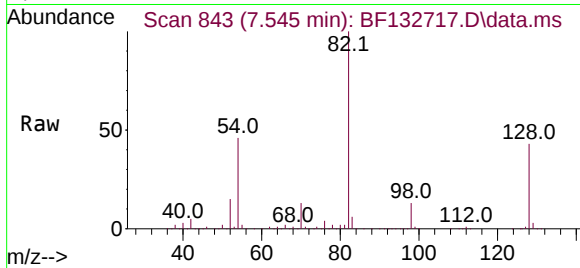




#23
Nitrobenzene-d5
Concen: 83.944 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

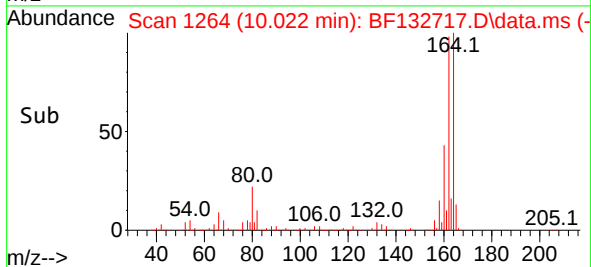
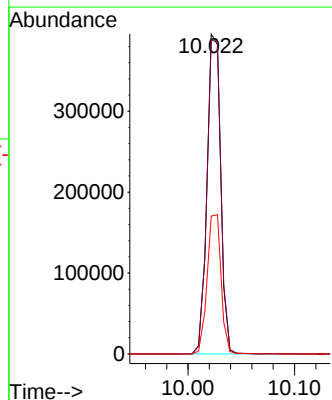
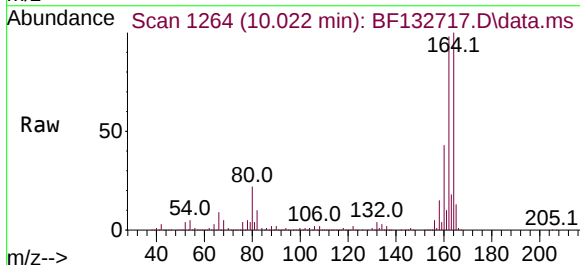
Instrument :
BNA_F
ClientSampleId :
11

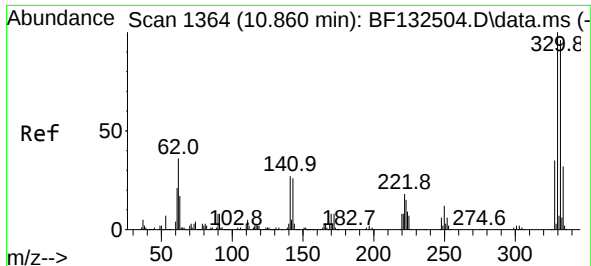
Tgt Ion: 82 Resp: 1193750
Ion Ratio Lower Upper
82 100
128 42.9 32.2 48.2
54 45.6 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

Tgt Ion:164 Resp: 351754
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.8
160 43.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 115.472 ng

RT: 10.822 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

Instrument :

BNA_F

ClientSampleId :

11

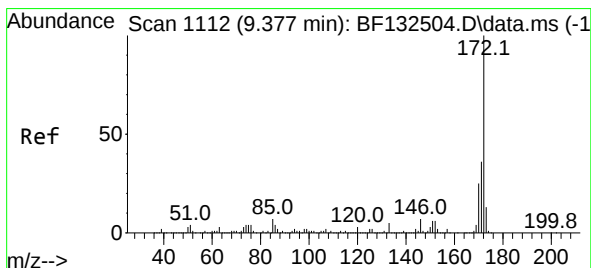
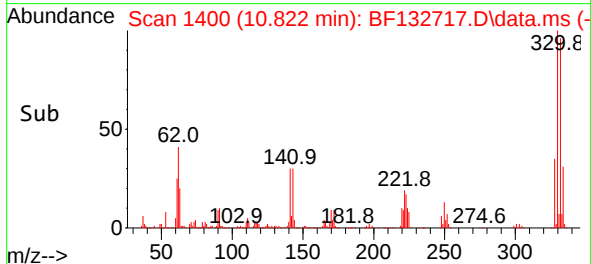
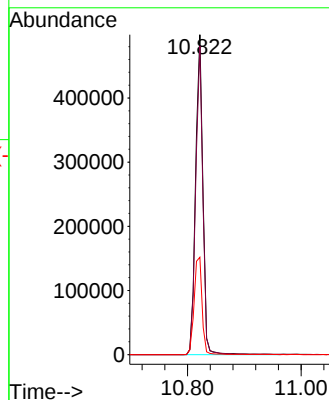
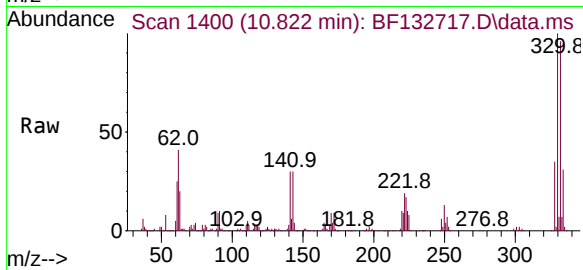
Tgt Ion:330 Resp: 438653

Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.4

141 33.5 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 83.712 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

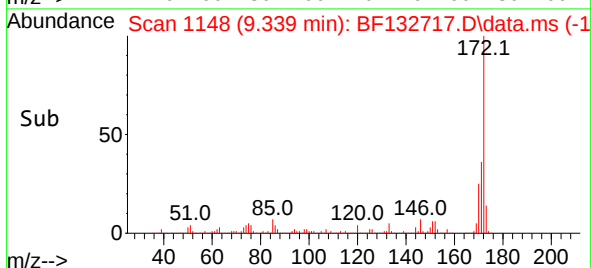
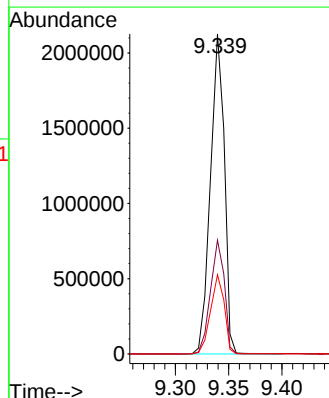
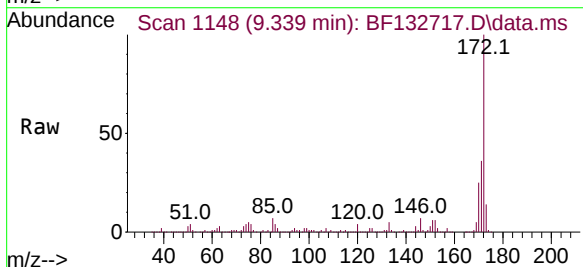
Tgt Ion:172 Resp: 1933850

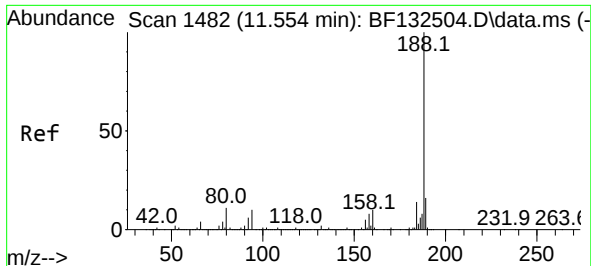
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.7 19.7 29.5

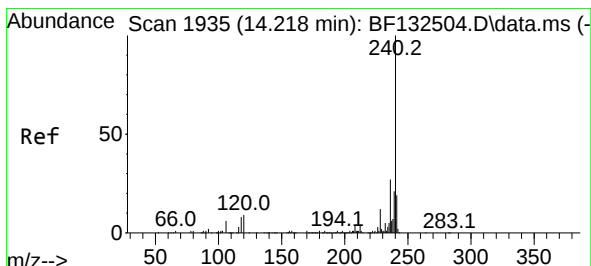
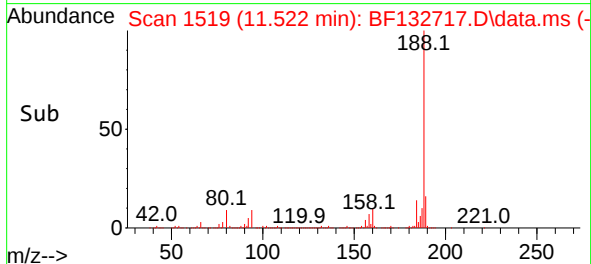
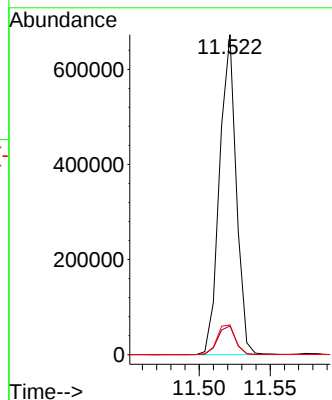
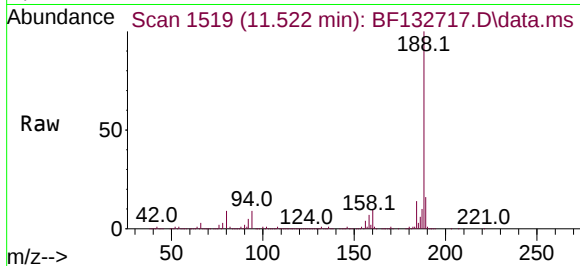




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

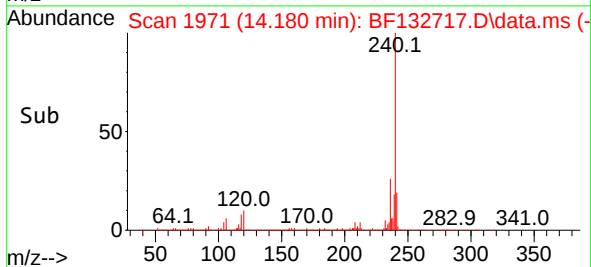
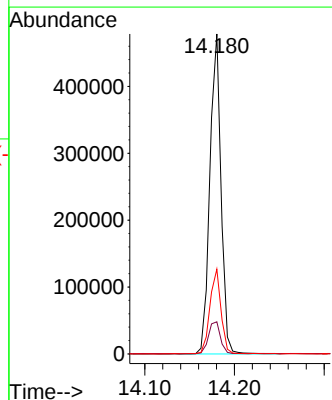
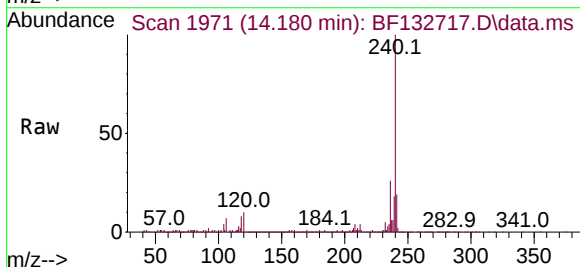
Instrument :
BNA_F
ClientSampleId :
11

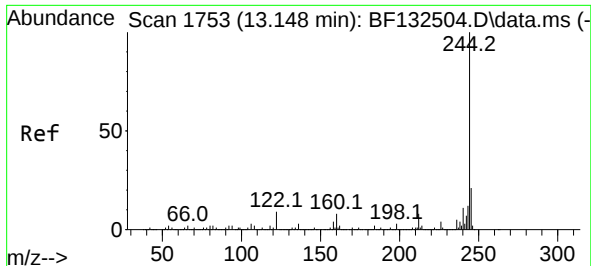
Tgt Ion:188 Resp: 551237
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132717.D
Acq: 09 Mar 2023 14:37

Tgt Ion:240 Resp: 411377
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.5 21.8 32.6

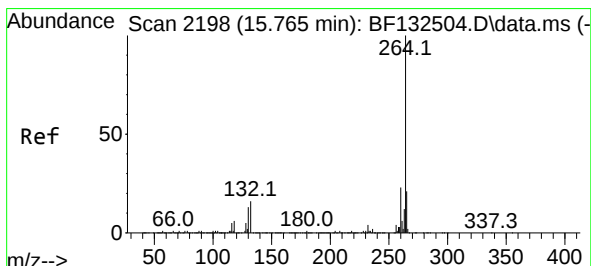
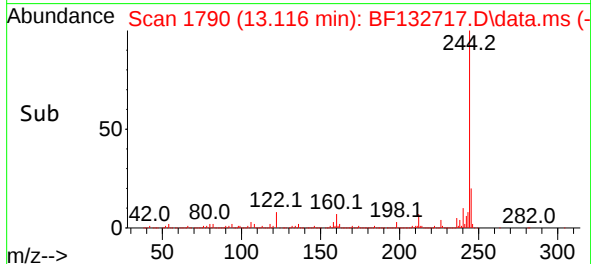
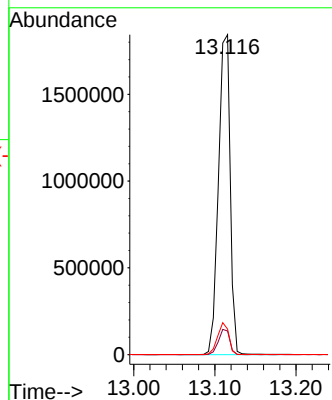
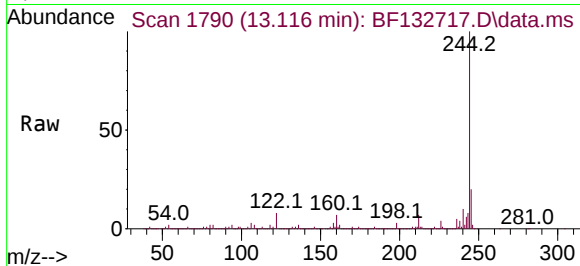




#79
 Terphenyl-d14
 Concen: 75.947 ng
 RT: 13.116 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

Instrument :
 BNA_F
 ClientSampleId :
 11

Tgt Ion:244 Resp: 1847872
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.0 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: BF132717.D
 Acq: 09 Mar 2023 14:37

Tgt Ion:264 Resp: 401608
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.7 17.1 25.7

