

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132832.D
 Acq On : 17 Mar 2023 20:10
 Operator : CG\JU
 Sample : 01932-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-81-031423

Quant Time: Mar 17 23:31:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	218734	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	810430	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	437247	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	845681	20.000	ng	0.00
76) Chrysene-d12	14.145	240	608581	20.000	ng	0.00
86) Perylene-d12	15.674	264	443907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1577739	121.713	ng	0.03
7) Phenol-d6	6.598	99	1946428	115.684	ng	0.00
23) Nitrobenzene-d5	7.528	82	1385388	87.481	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	645415	138.856	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2222035	83.479	ng	0.00
79) Terphenyl-d14	13.086	244	2837816	84.200	ng	0.00

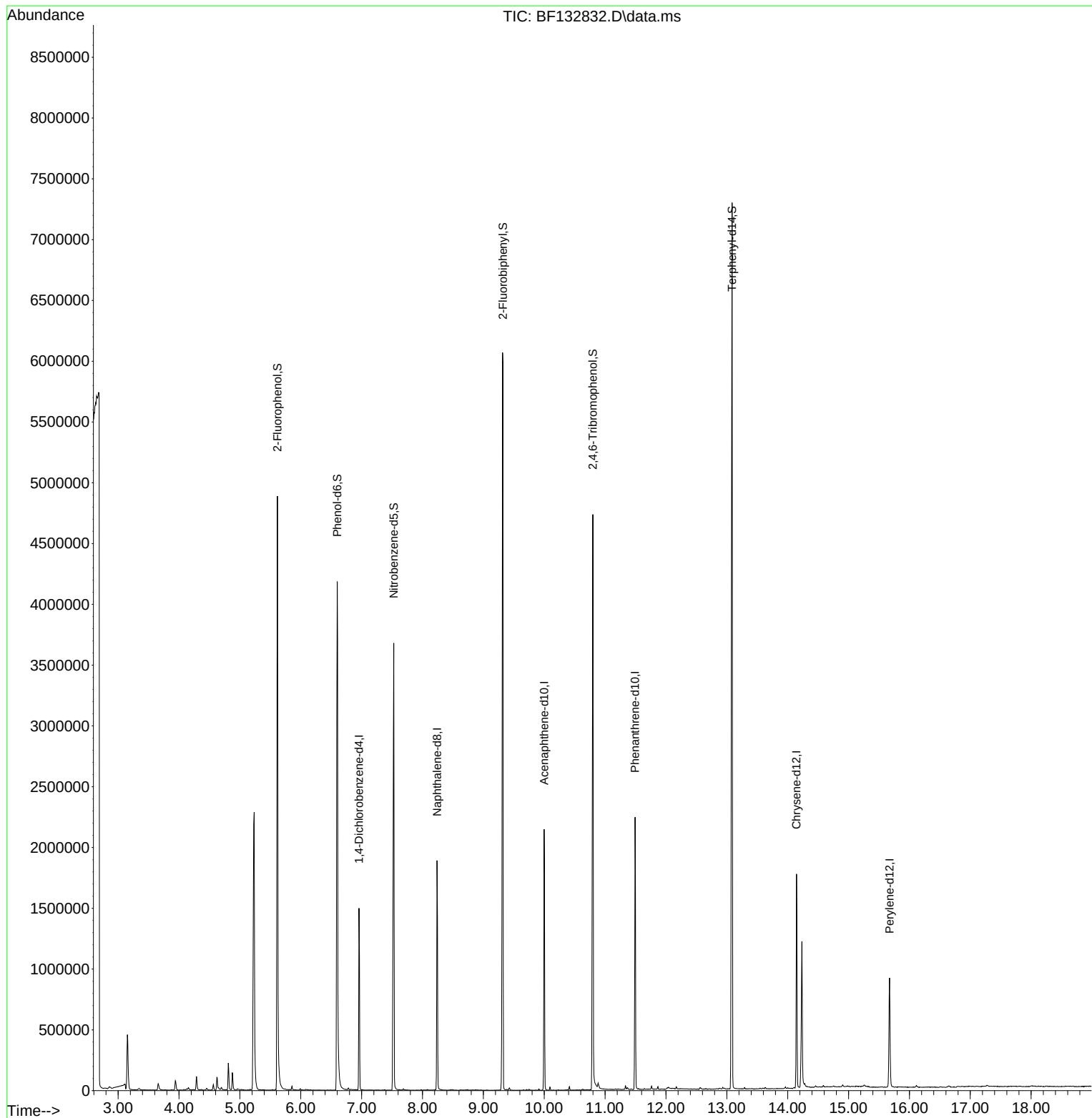
Target Compounds	Qvalue

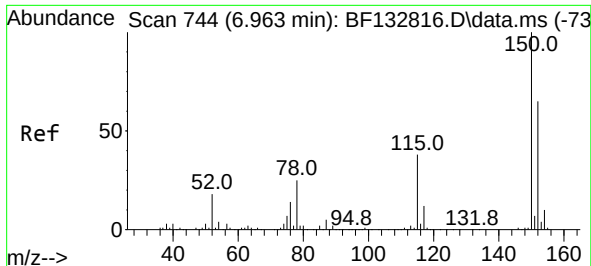
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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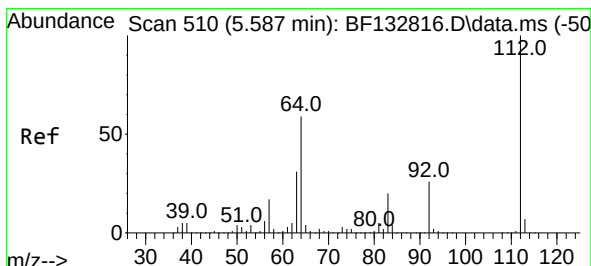
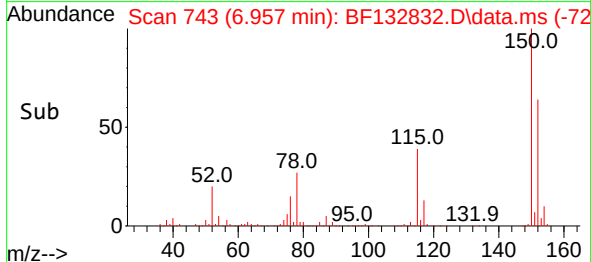
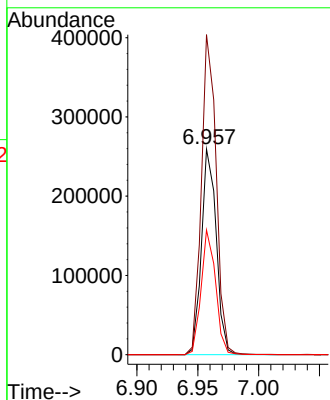
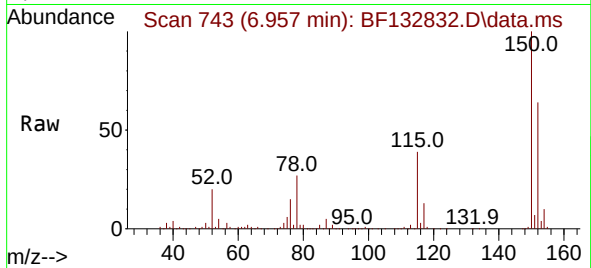




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

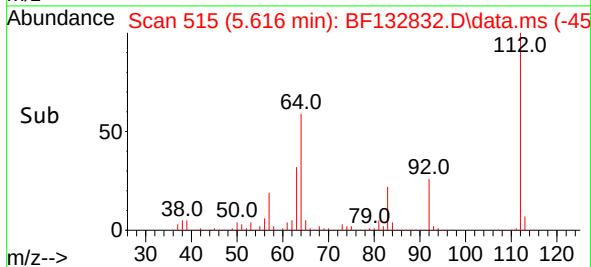
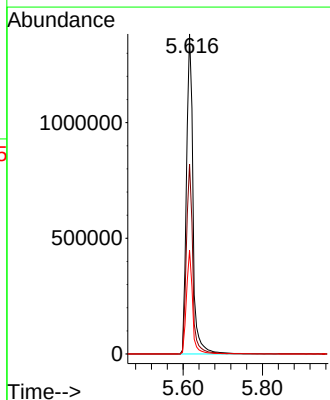
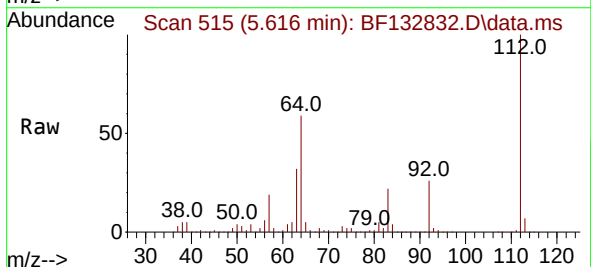
Instrument :
BNA_F
ClientSampleId :
CE-81-031423

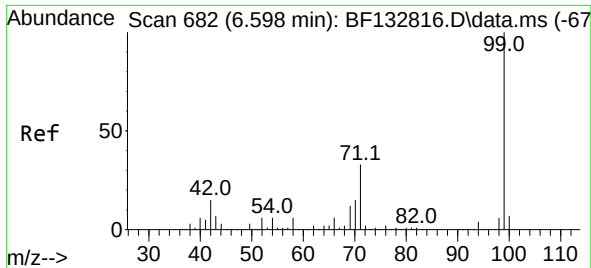
Tgt Ion:152 Resp: 218734
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 60.6 46.2 69.4



#5
2-Fluorophenol
Concen: 121.713 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.030 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion:112 Resp: 1577739
Ion Ratio Lower Upper
112 100
64 59.3 47.1 70.7
63 32.4 24.4 36.6



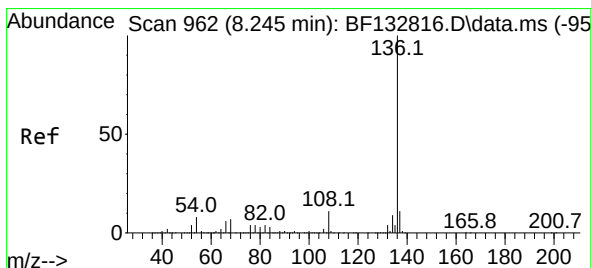
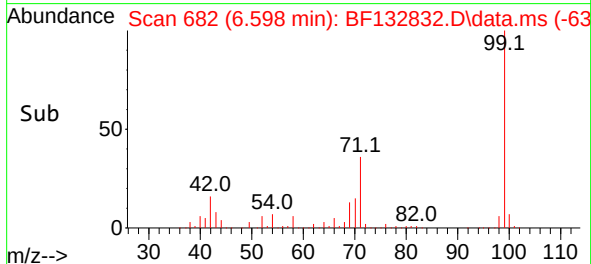
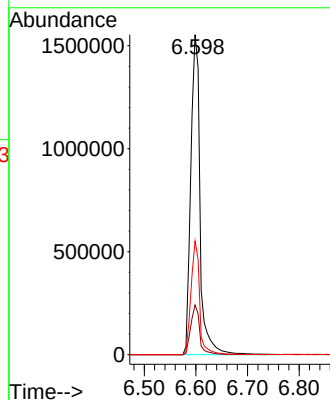
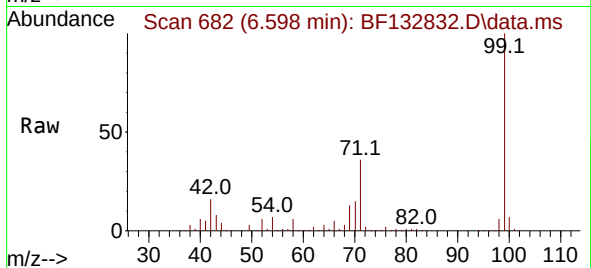


#7
Phenol-d6
Concen: 115.684 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Instrument :
BNA_F
ClientSampleId :
CE-81-031423

Tgt Ion: 99 Resp: 1946428

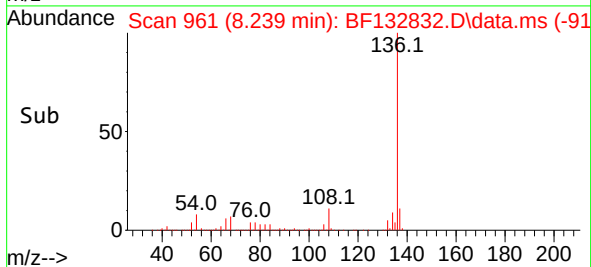
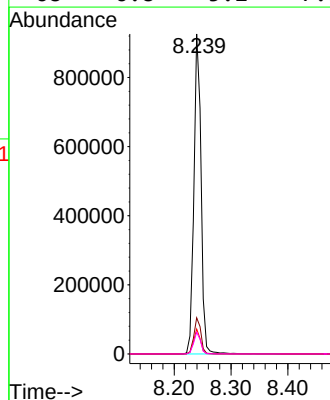
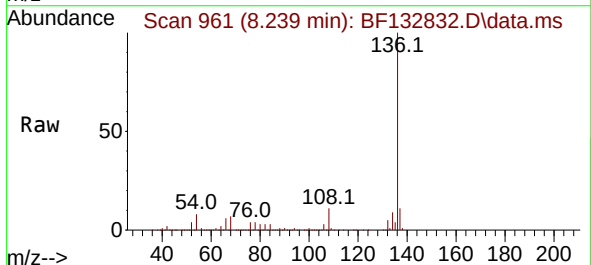
Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.9	17.9
71	35.6	26.3	39.5

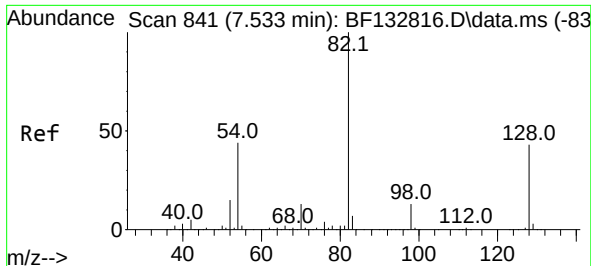


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion:136 Resp: 810430

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.8	6.1	9.1
68	6.8	5.2	7.8





#23

Nitrobenzene-d5

Concen: 87.481 ng

RT: 7.528 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132832.D

Acq: 17 Mar 2023 20:10

Instrument :

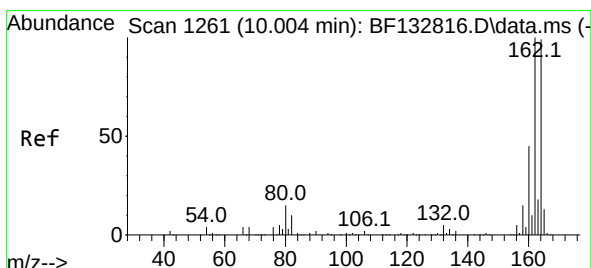
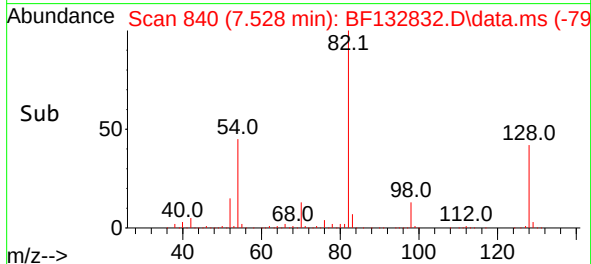
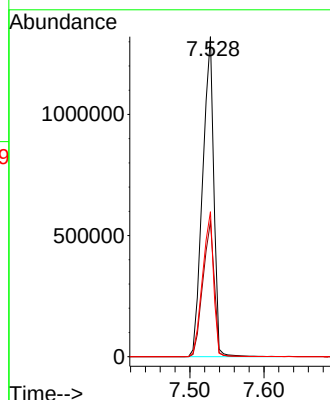
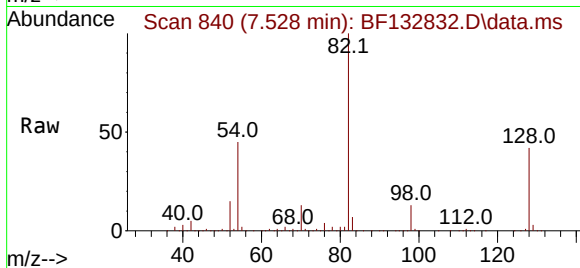
BNA_F

ClientSampleId :

CE-81-031423

Tgt Ion: 82 Resp: 1385388

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.4	51.6
54	45.3	35.2	52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1260

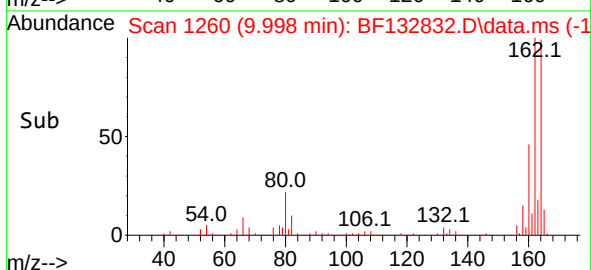
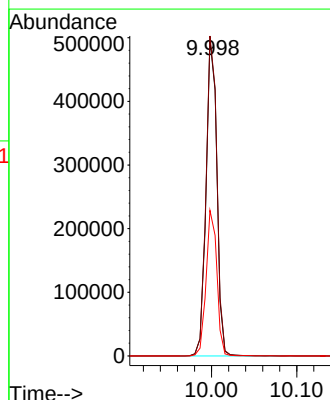
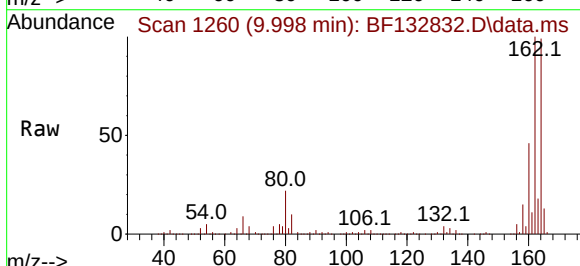
Delta R.T. -0.006 min

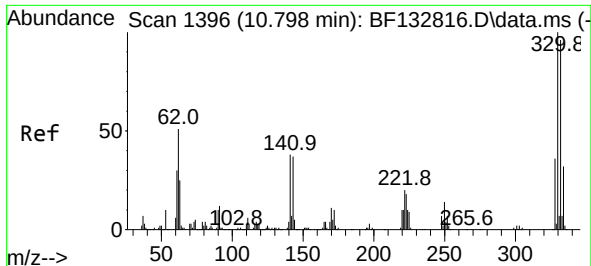
Lab File: BF132832.D

Acq: 17 Mar 2023 20:10

Tgt Ion: 164 Resp: 437247

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	46.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 138.856 ng

RT: 10.798 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132832.D

Acq: 17 Mar 2023 20:10

Instrument :

BNA_F

ClientSampleId :

CE-81-031423

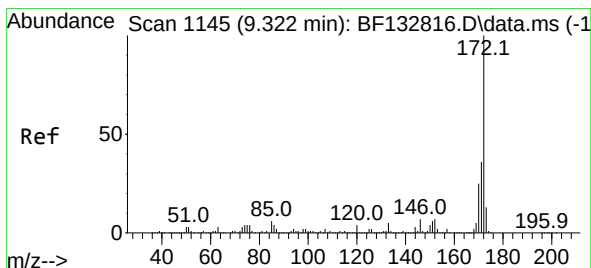
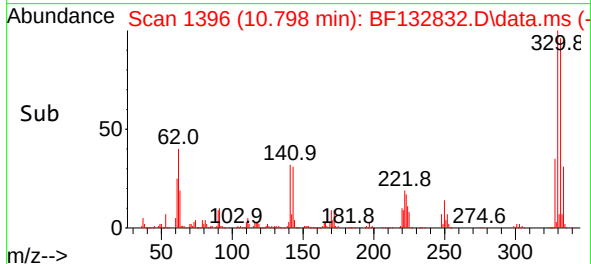
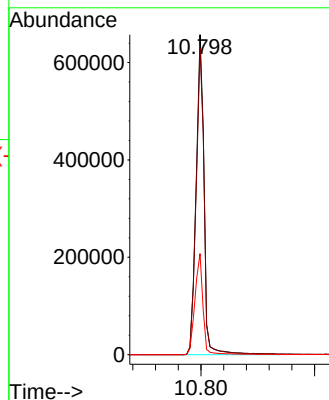
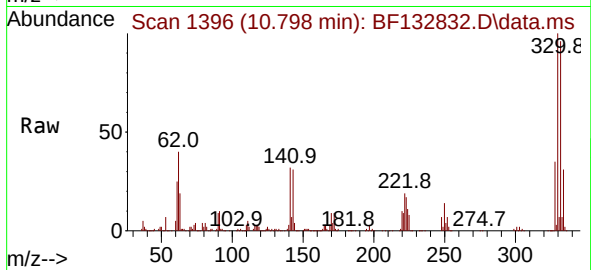
Tgt Ion:330 Resp: 645415

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 32.1 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 83.479 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132832.D

Acq: 17 Mar 2023 20:10

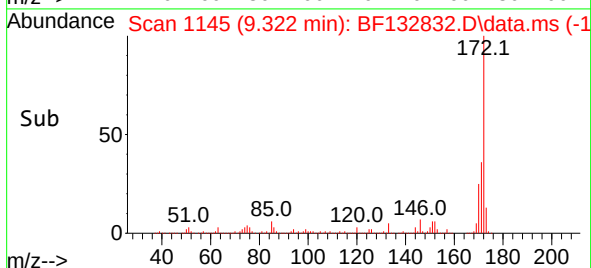
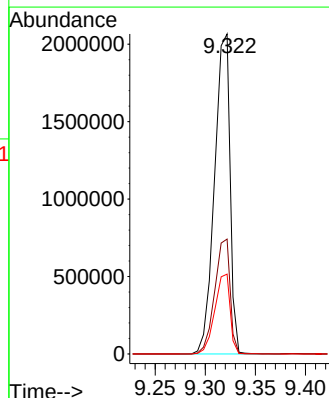
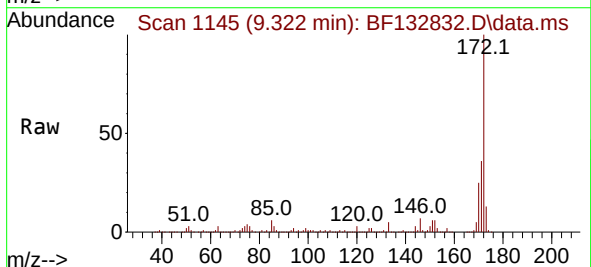
Tgt Ion:172 Resp: 2222035

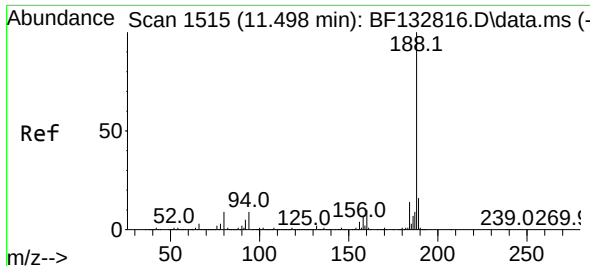
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 25.0 19.8 29.8

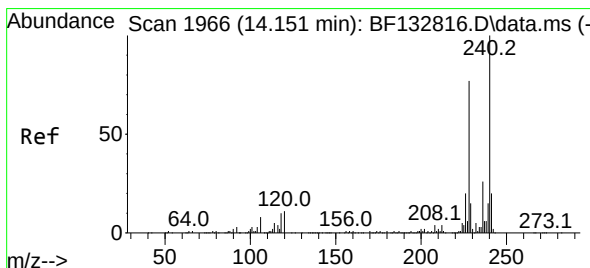
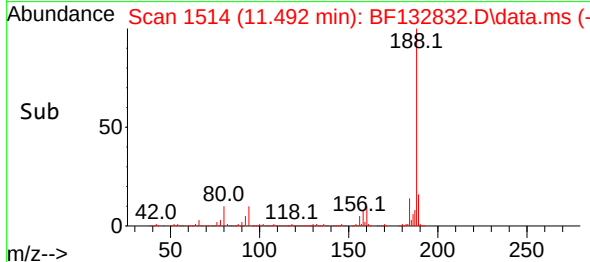
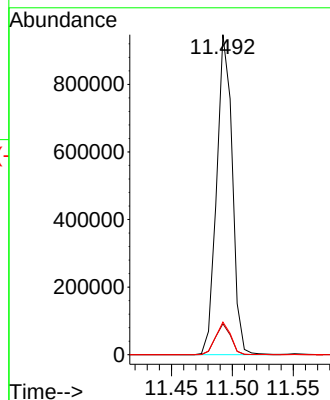
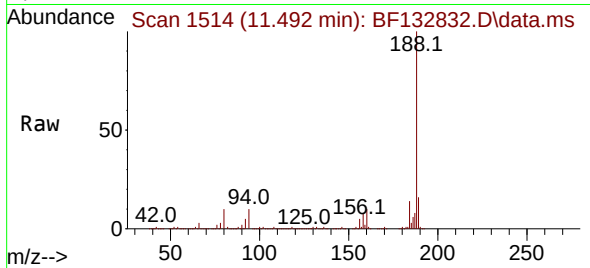




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

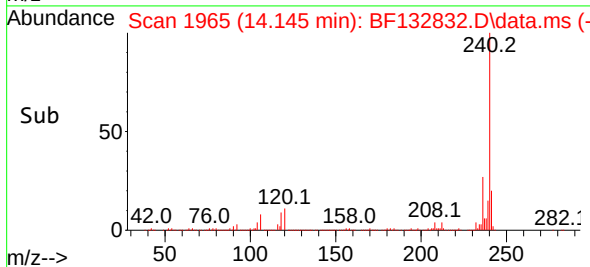
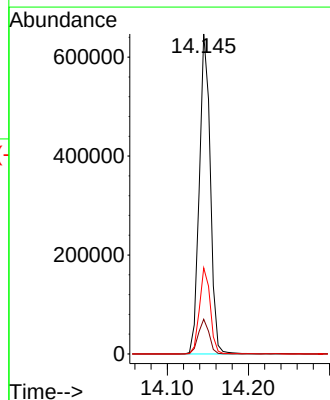
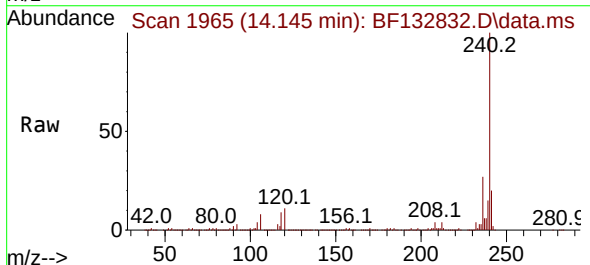
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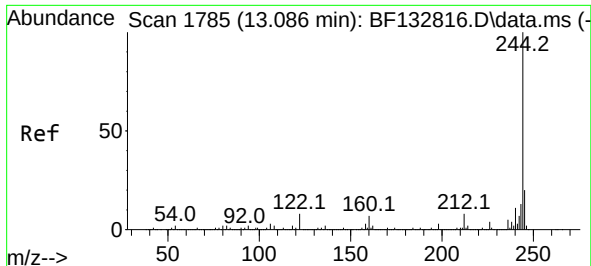
Tgt Ion:188 Resp: 845681
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

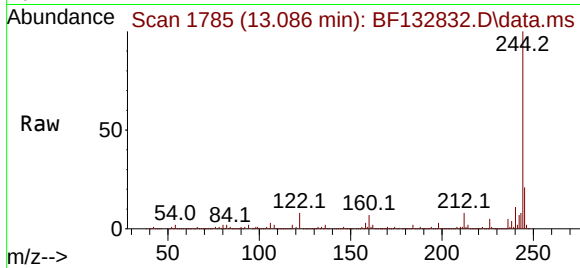
Tgt Ion:240 Resp: 608581
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 26.9 21.2 31.8



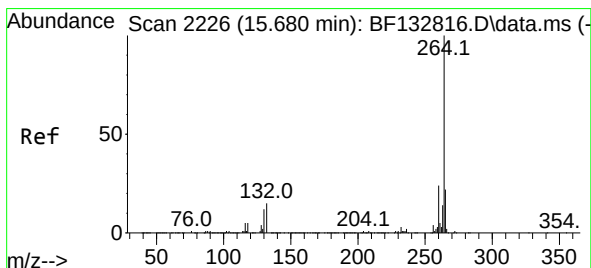
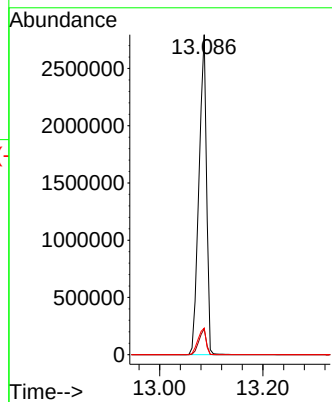
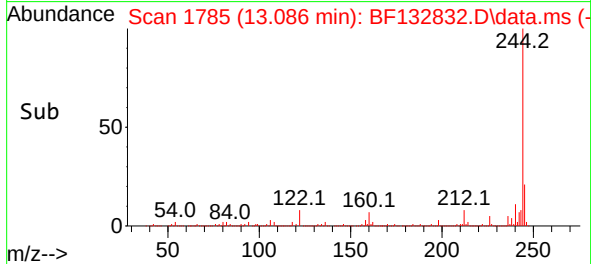


#79
 Terphenyl-d14
 Concen: 84.200 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132832.D
 Acq: 17 Mar 2023 20:10

Instrument :
 BNA_F
 ClientSampleId :
 CE-81-031423



Tgt Ion:244 Resp: 2837816
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.3 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2225
 Delta R.T. -0.006 min
 Lab File: BF132832.D
 Acq: 17 Mar 2023 20:10

Tgt Ion:264 Resp: 443907
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.4 17.4 26.0

