

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132831.D
 Acq On : 17 Mar 2023 19:36
 Operator : CG\JU
 Sample : 01932-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-86B-031423

Quant Time: Mar 17 23:30:43 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	203023	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	695601	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	408249	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	796100	20.000	ng	0.00
76) Chrysene-d12	14.145	240	592372	20.000	ng	0.00
86) Perylene-d12	15.674	264	497970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1559566	129.621	ng	0.03
7) Phenol-d6	6.598	99	1908277	122.193	ng	0.00
23) Nitrobenzene-d5	7.528	82	1349231	99.262	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	611052	140.801	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2118242	85.232	ng	0.00
79) Terphenyl-d14	13.086	244	2817931	85.897	ng	0.00

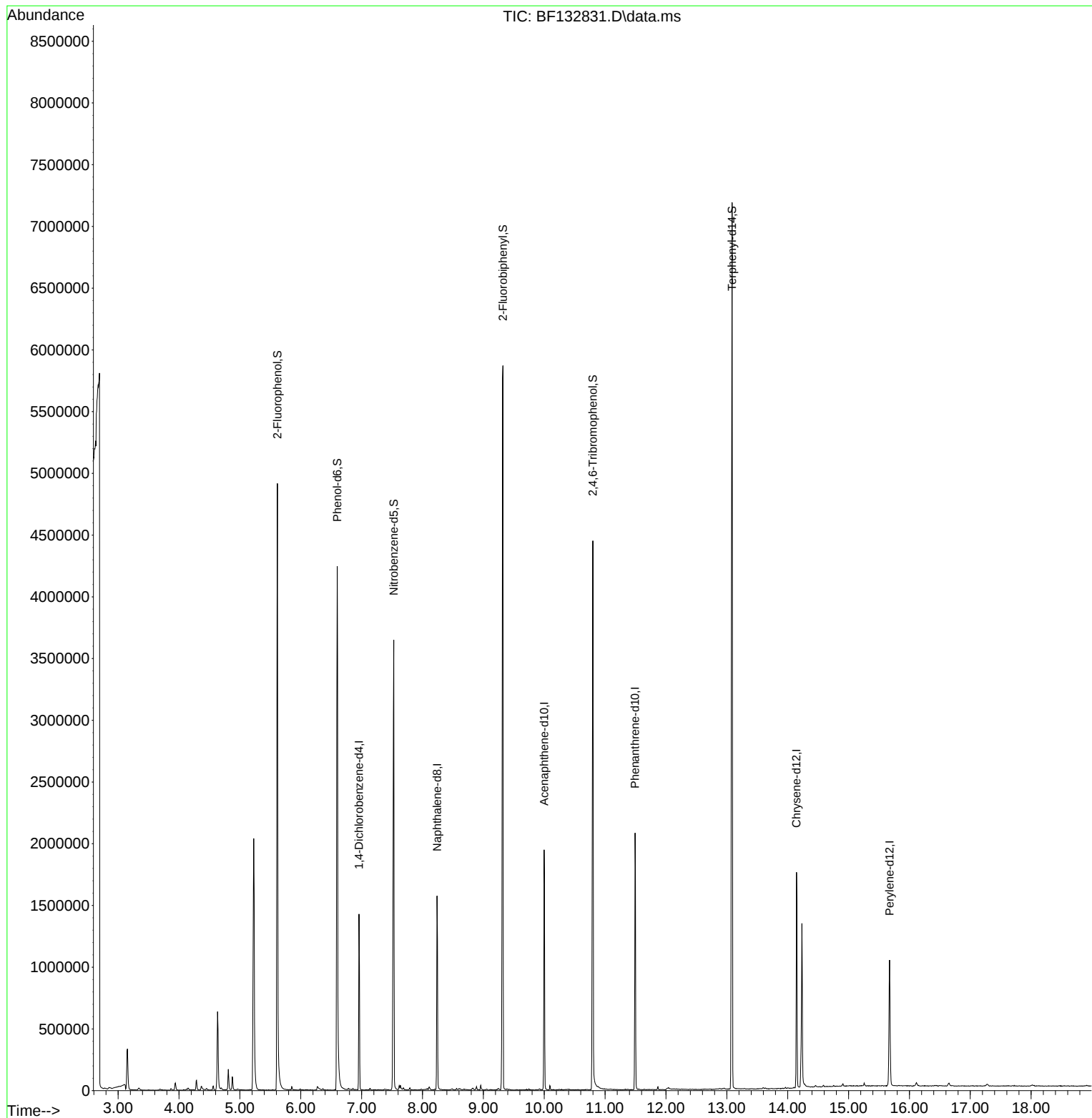
Target Compounds	Qvalue

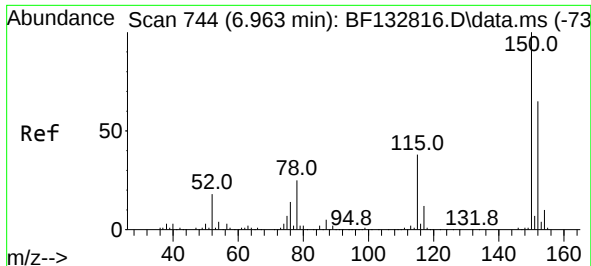
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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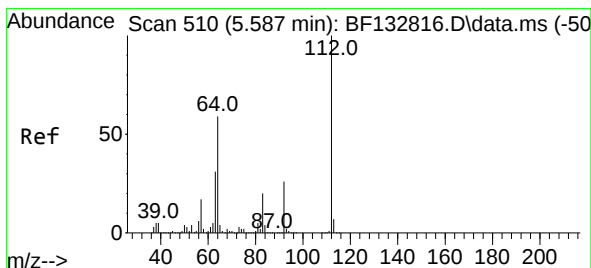
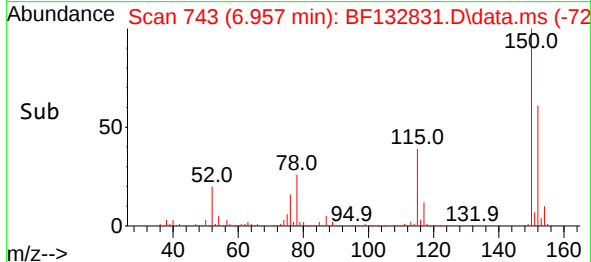
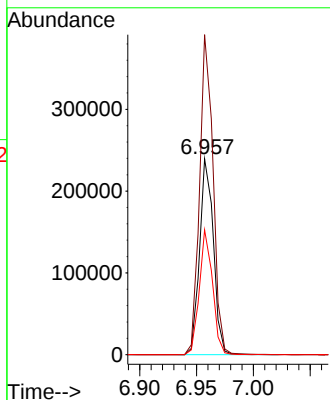
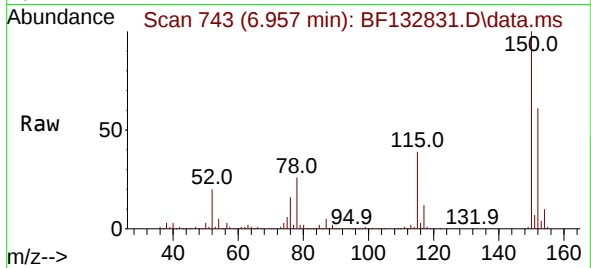




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

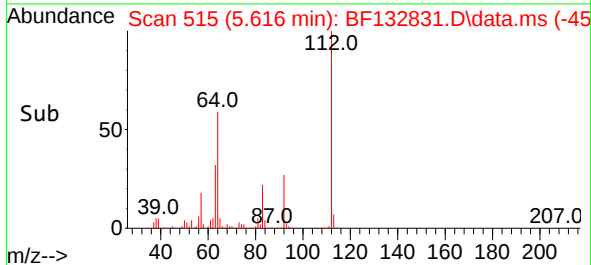
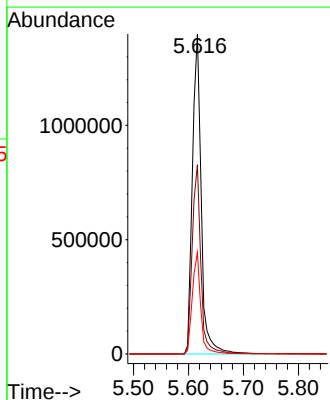
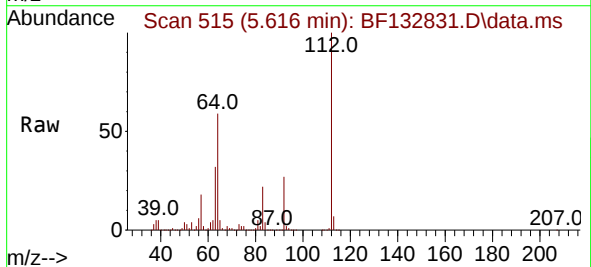
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

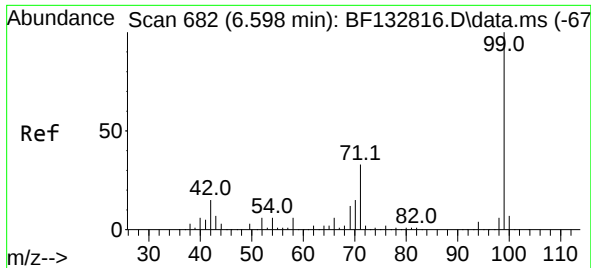
Tgt Ion:152 Resp: 203023
Ion Ratio Lower Upper
152 100
150 163.4 122.7 184.1
115 63.8 46.2 69.4



#5
2-Fluorophenol
Concen: 129.621 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.029 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:112 Resp: 1559566
Ion Ratio Lower Upper
112 100
64 59.2 47.1 70.7
63 31.7 24.4 36.6



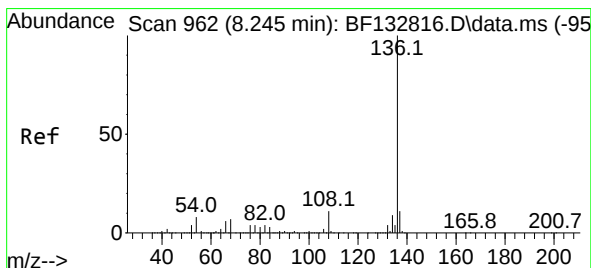
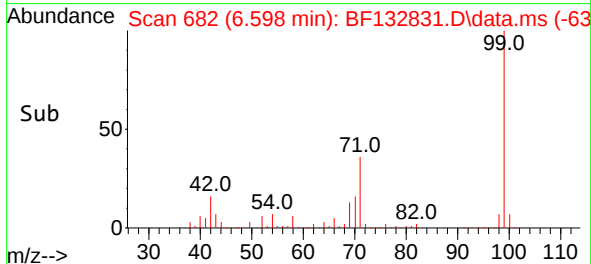
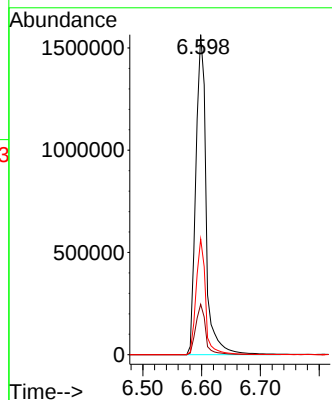
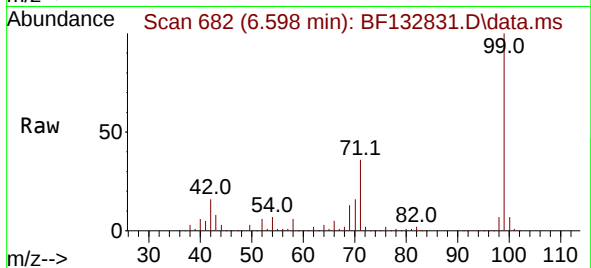


#7
Phenol-d6
Concen: 122.193 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

Tgt Ion: 99 Resp: 1908277

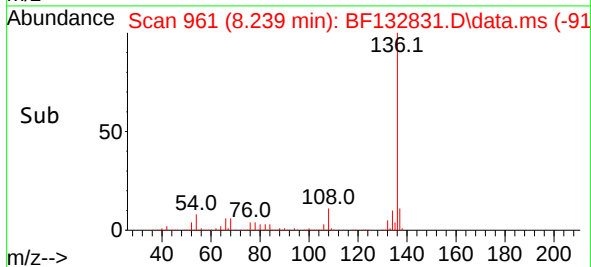
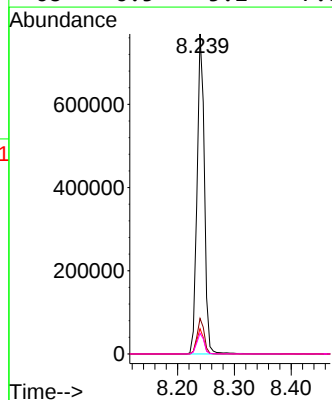
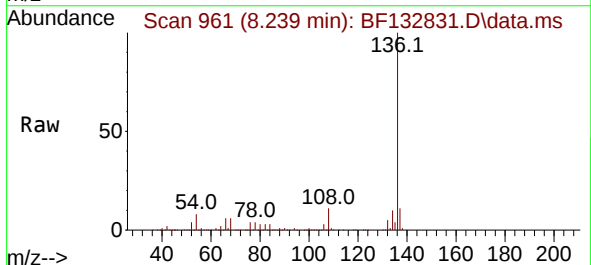
Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.9	17.9
71	36.2	26.3	39.5

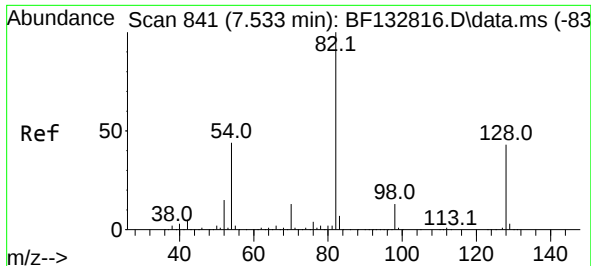


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:136 Resp: 695601

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.9	6.1	9.1
68	6.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 99.262 ng

RT: 7.528 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132831.D

Acq: 17 Mar 2023 19:36

Instrument :

BNA_F

ClientSampleId :

CE-86B-031423

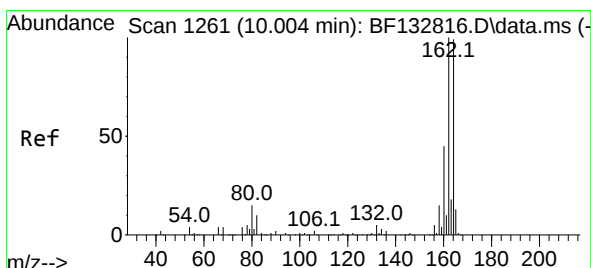
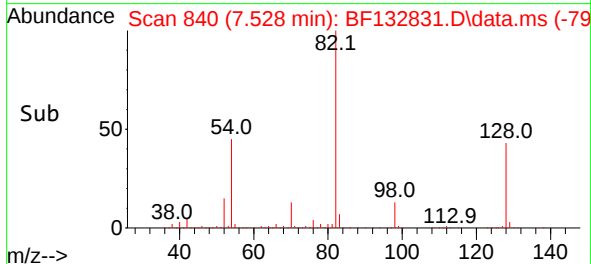
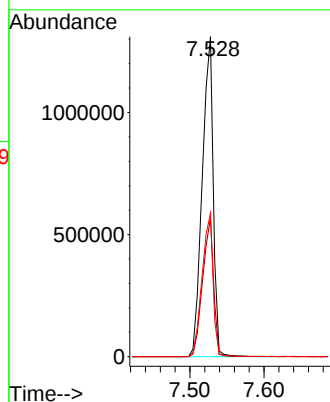
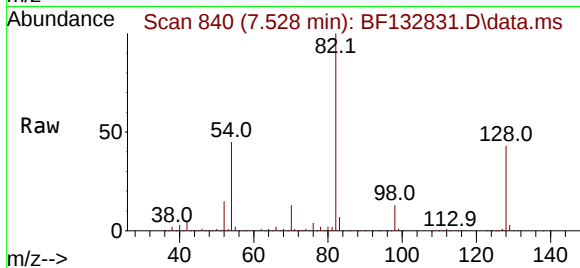
Tgt Ion: 82 Resp: 1349231

Ion Ratio Lower Upper

82 100

128 43.4 34.4 51.6

54 44.8 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: BF132831.D

Acq: 17 Mar 2023 19:36

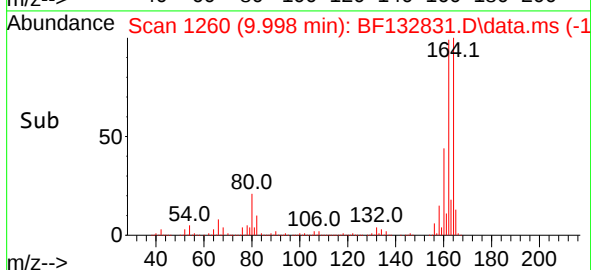
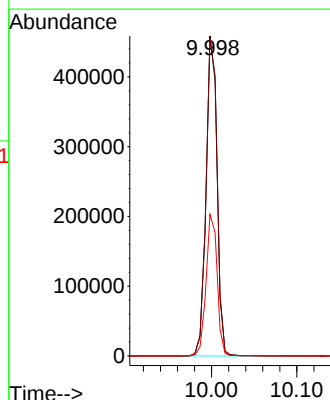
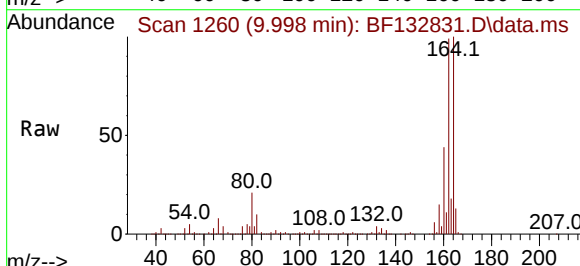
Tgt Ion:164 Resp: 408249

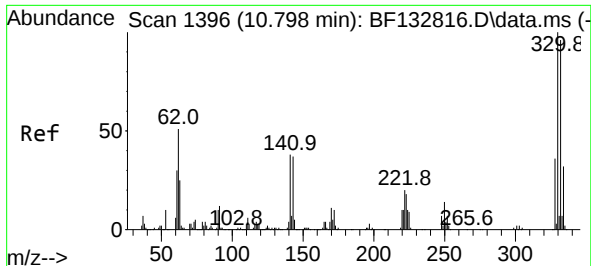
Ion Ratio Lower Upper

164 100

162 99.4 80.6 121.0

160 44.3 36.2 54.4

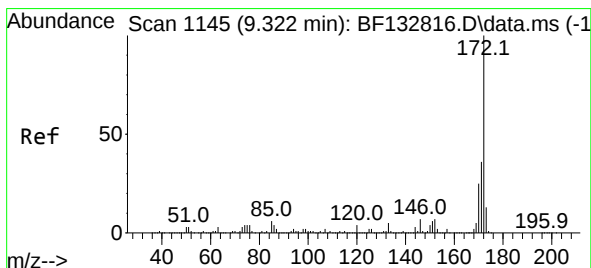
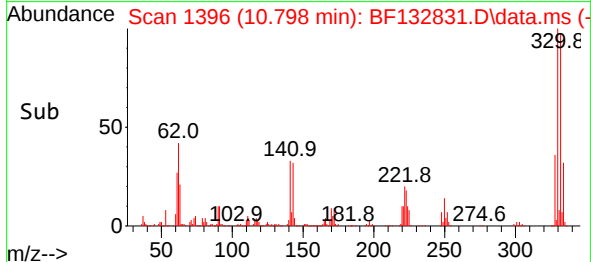
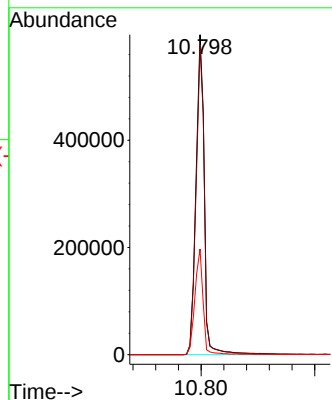
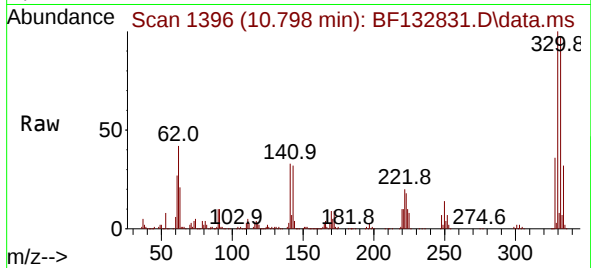




#42
 2,4,6-Tribromophenol
 Concen: 140.801 ng
 RT: 10.798 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: BF132831.D
 Acq: 17 Mar 2023 19:36

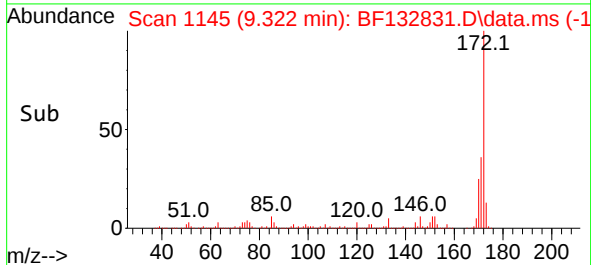
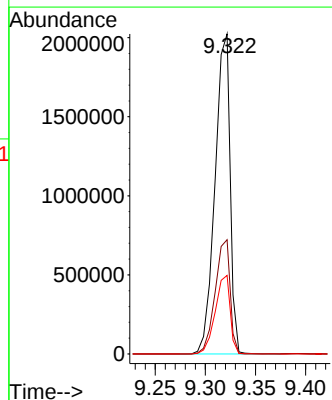
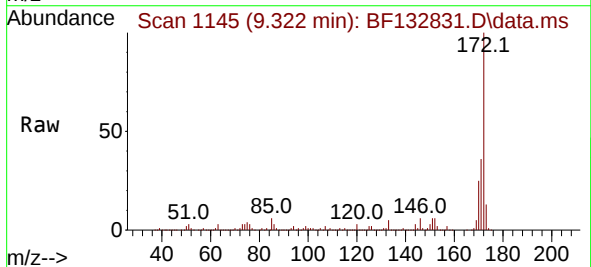
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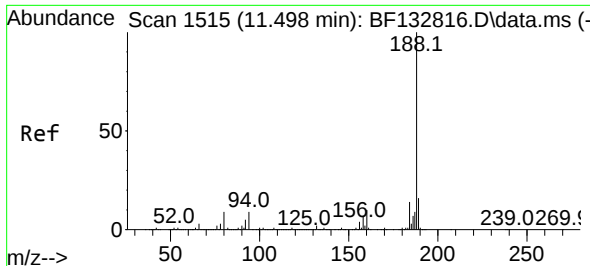
Tgt Ion:330 Resp: 611052
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 32.7 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 85.232 ng
 RT: 9.322 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: BF132831.D
 Acq: 17 Mar 2023 19:36

Tgt Ion:172 Resp: 2118242
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.7 43.1
 170 24.5 19.8 29.8

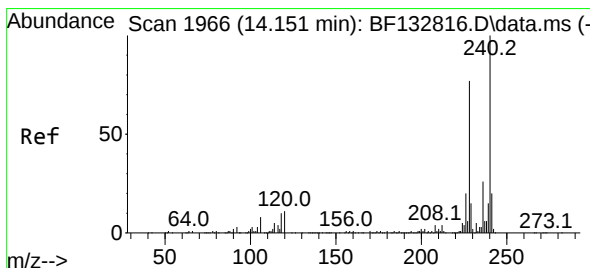
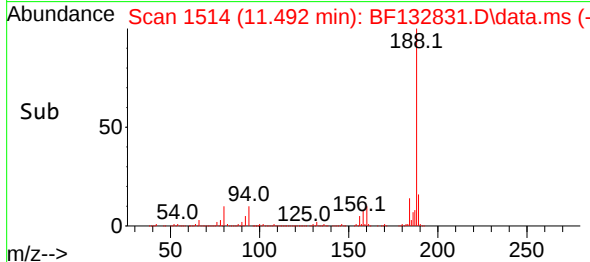
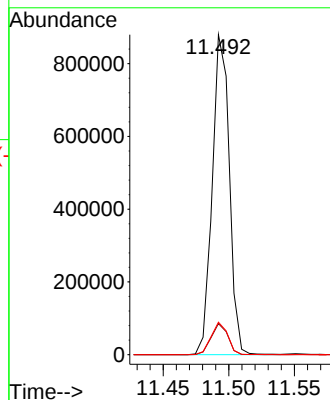
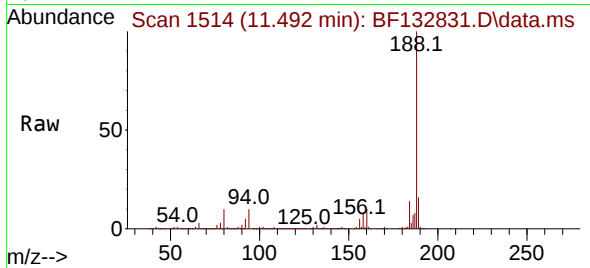




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

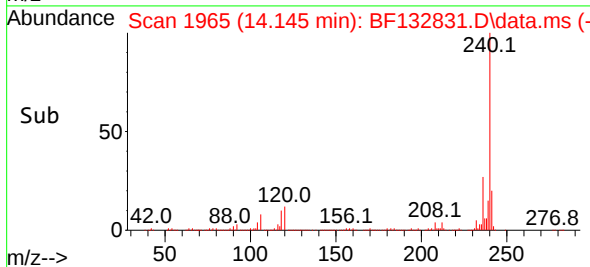
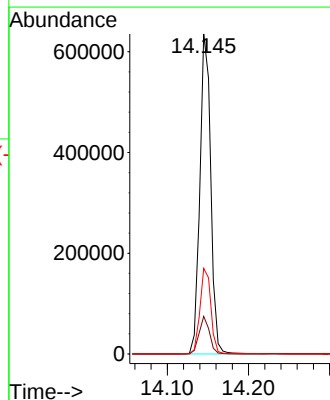
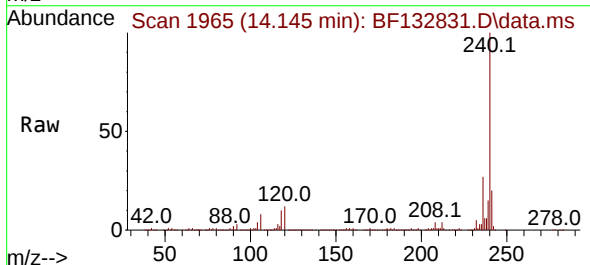
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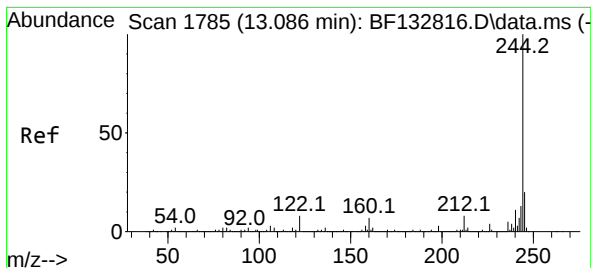
Tgt Ion:188 Resp: 796100
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:240 Resp: 592372
Ion Ratio Lower Upper
240 100
120 11.7 9.1 13.7
236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 85.897 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132831.D

Acq: 17 Mar 2023 19:36

Instrument :

BNA_F

ClientSampleId :

CE-86B-031423

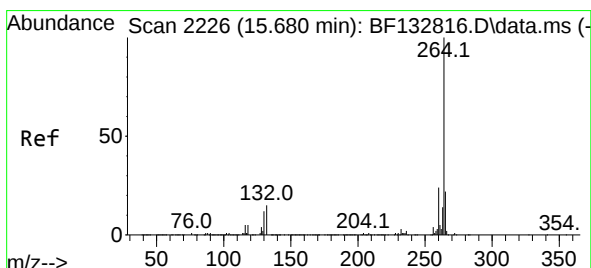
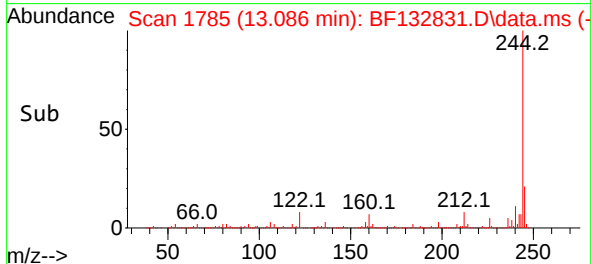
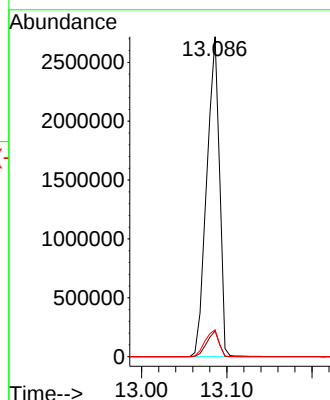
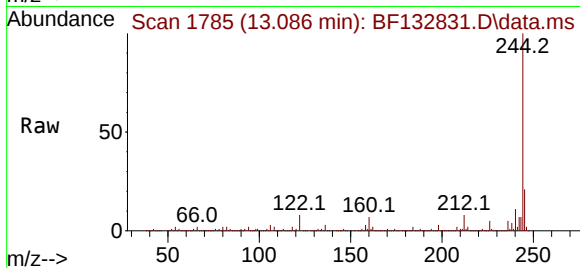
Tgt Ion:244 Resp: 2817931

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 8.4 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: BF132831.D

Acq: 17 Mar 2023 19:36

Tgt Ion:264 Resp: 497970

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.3 17.4 26.0

