

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132833.D
 Acq On : 17 Mar 2023 20:45
 Operator : CG\JU
 Sample : 01932-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-43-031423

Quant Time: Mar 17 23:32:32 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	6.963	152	211544	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	761863	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	402163	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	844194	20.000	ng	0.00
76) Chrysene-d12	14.145	240	602755	20.000	ng	0.00
86) Perylene-d12	15.674	264	561031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1477774	117.876	ng	0.02
7) Phenol-d6	6.598	99	1807150	111.057	ng	0.00
23) Nitrobenzene-d5	7.528	82	1291793	86.771	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	612441	143.256	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2098962	85.735	ng	0.00
79) Terphenyl-d14	13.086	244	2843578	85.186	ng	0.00

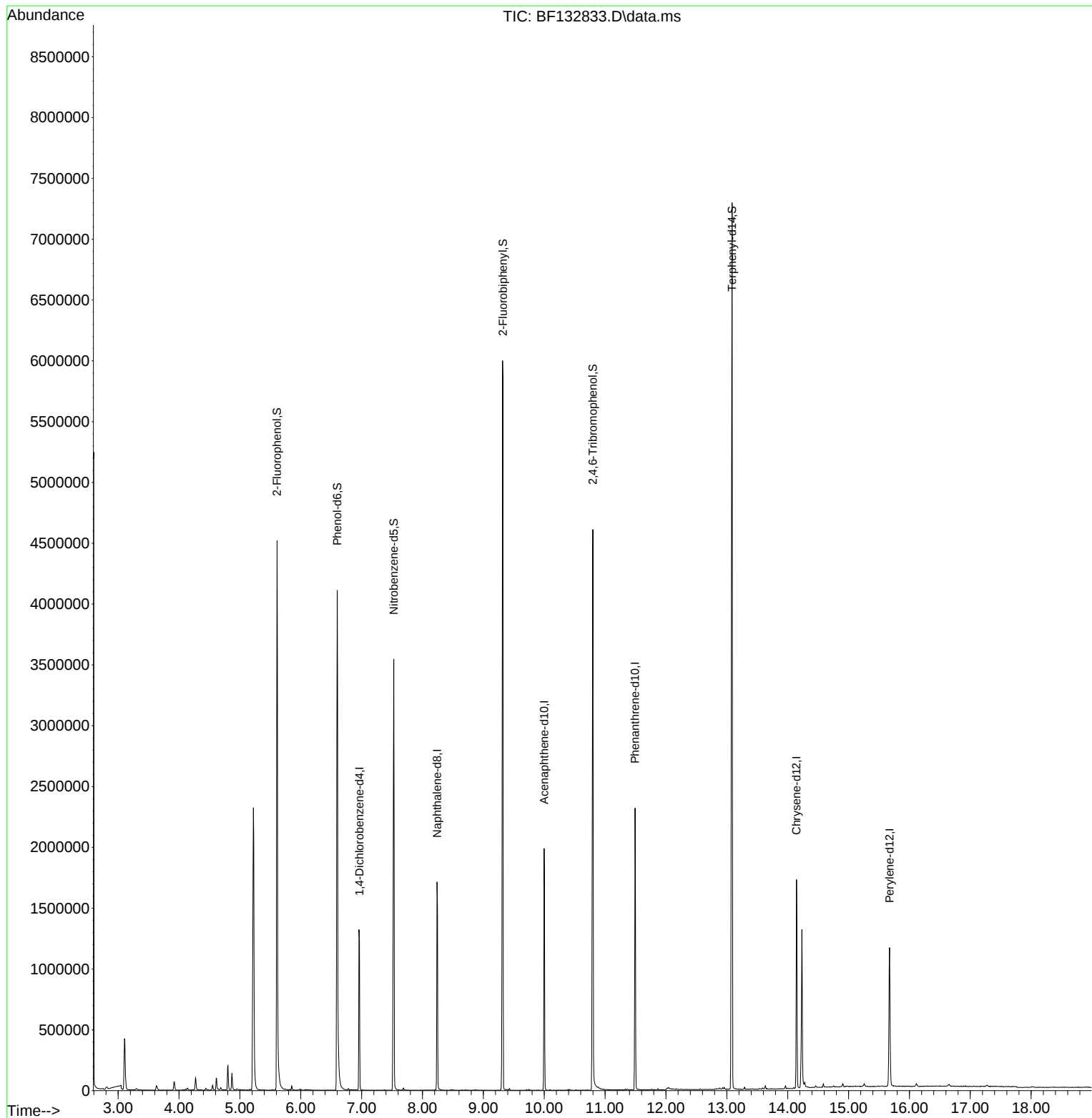
Target Compounds	Qvalue

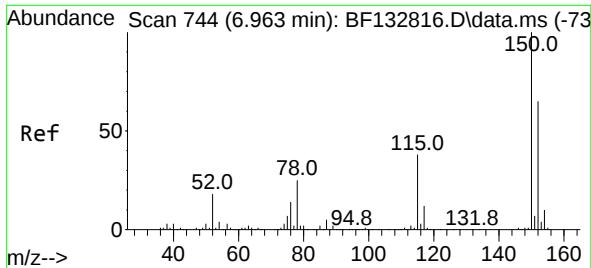
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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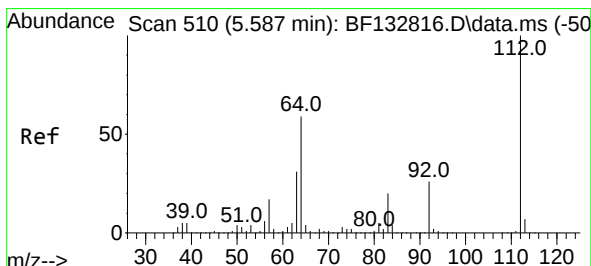
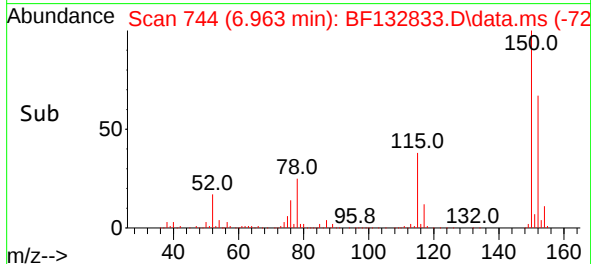
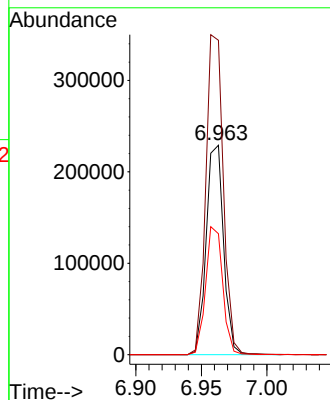
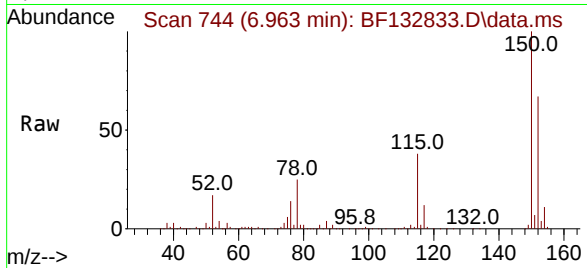




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

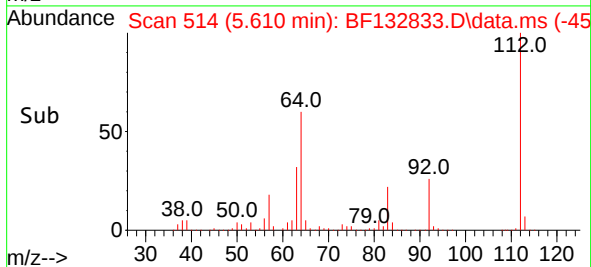
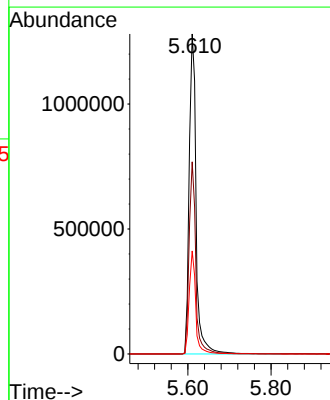
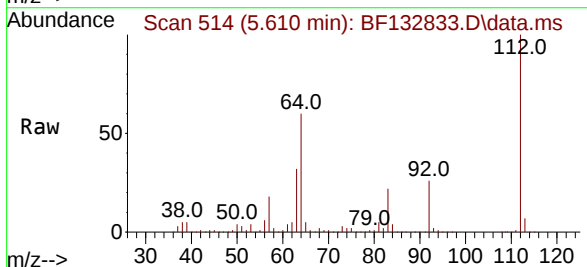
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

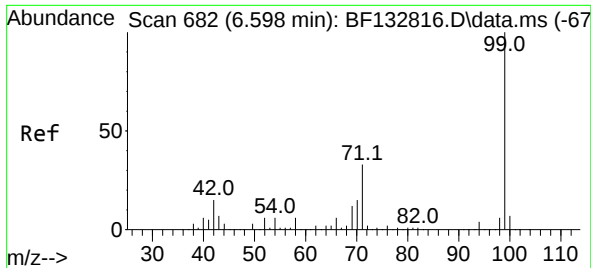
Tgt Ion:152 Resp: 211544
Ion Ratio Lower Upper
152 100
150 150.2 122.7 184.1
115 57.8 46.2 69.4



#5
2-Fluorophenol
Concen: 117.876 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.024 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion:112 Resp: 1477774
Ion Ratio Lower Upper
112 100
64 60.1 47.1 70.7
63 32.2 24.4 36.6

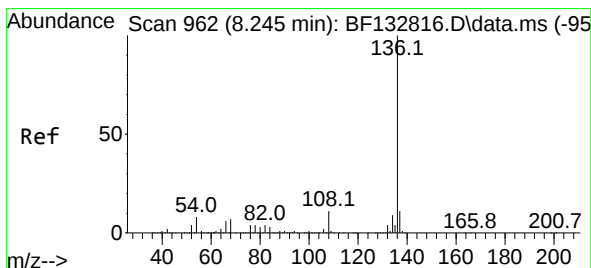
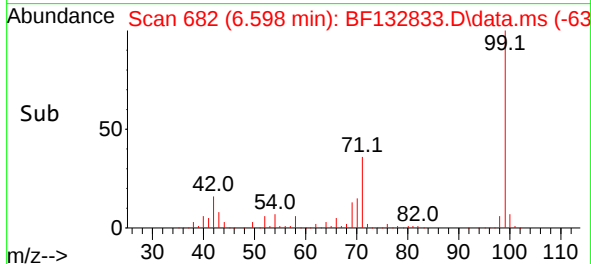
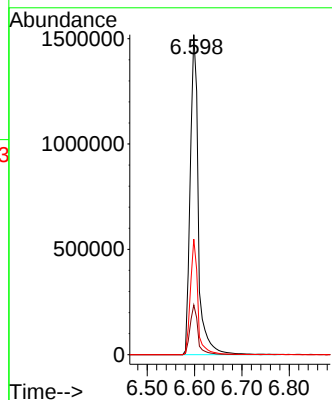
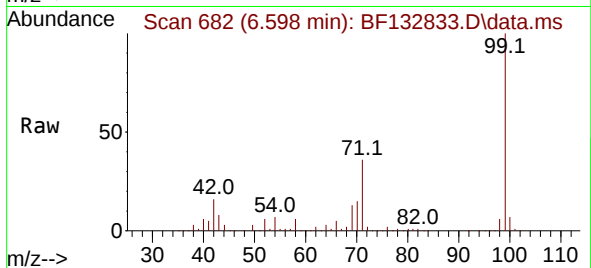




#7
Phenol-d6
Concen: 111.057 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

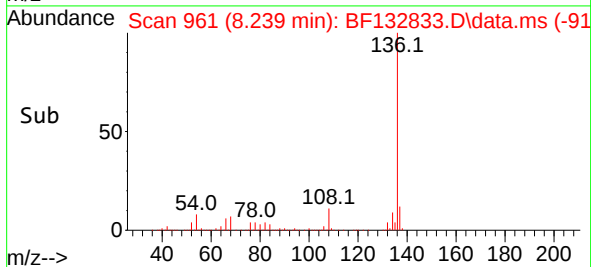
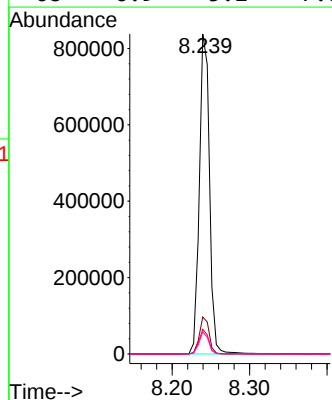
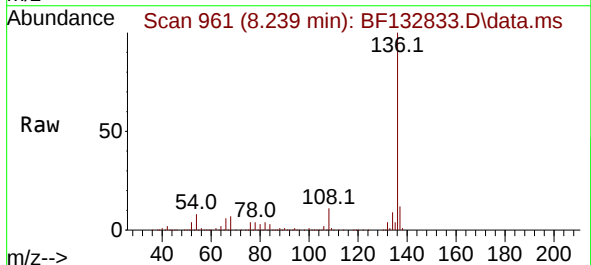
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

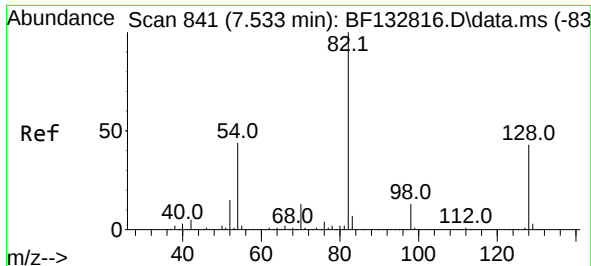
Tgt Ion: 99 Resp: 1807150
Ion Ratio Lower Upper
99 100
42 15.5 11.9 17.9
71 36.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion:136 Resp: 761863
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 7.7 6.1 9.1
68 6.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 86.771 ng

RT: 7.528 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132833.D

Acq: 17 Mar 2023 20:45

Instrument :

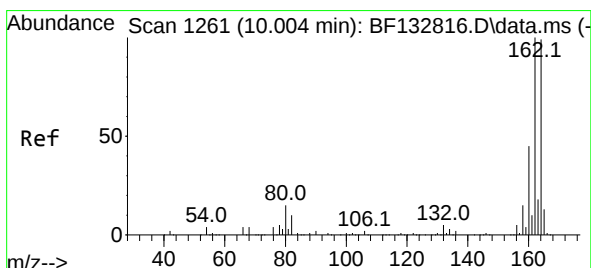
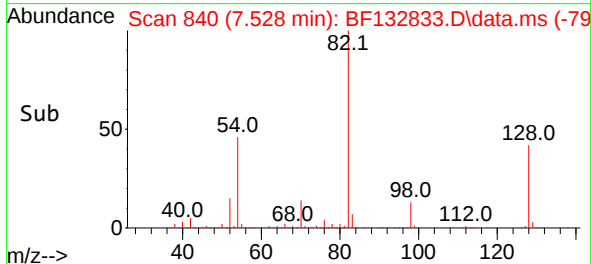
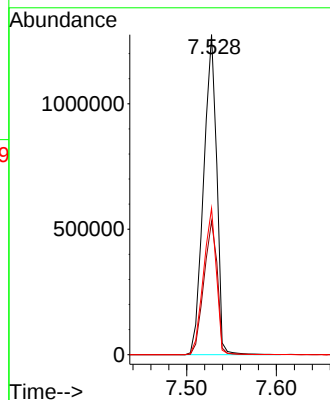
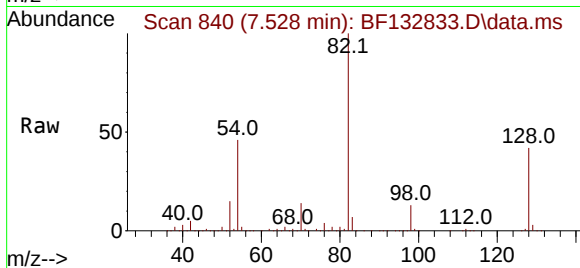
BNA_F

ClientSampleId :

CE-43-031423

Tgt Ion: 82 Resp: 1291793

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.4	51.6
54	45.7	35.2	52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1260

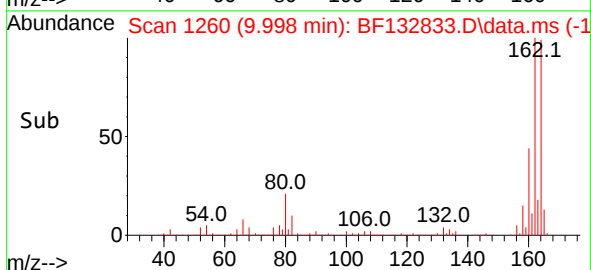
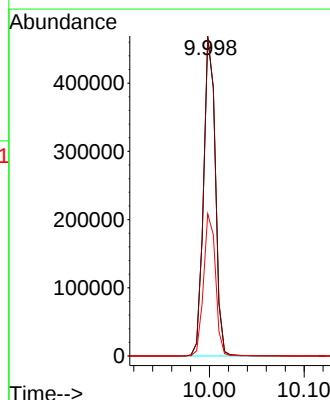
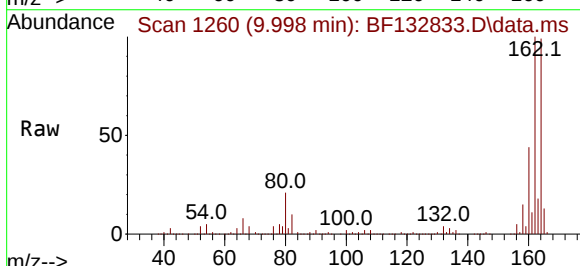
Delta R.T. -0.006 min

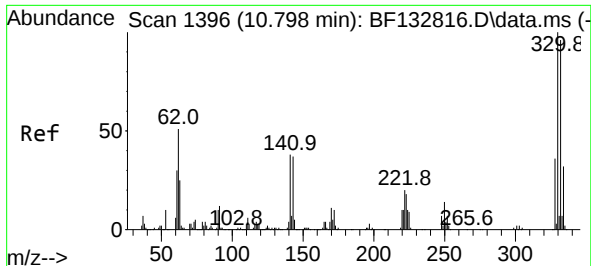
Lab File: BF132833.D

Acq: 17 Mar 2023 20:45

Tgt Ion: 164 Resp: 402163

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	44.6	36.2	54.4

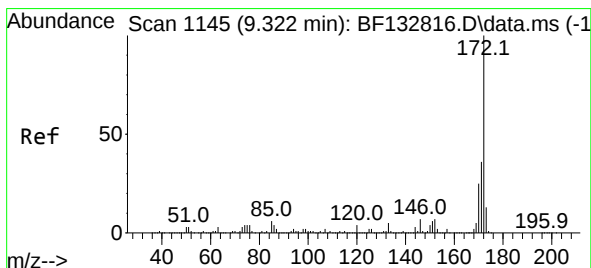
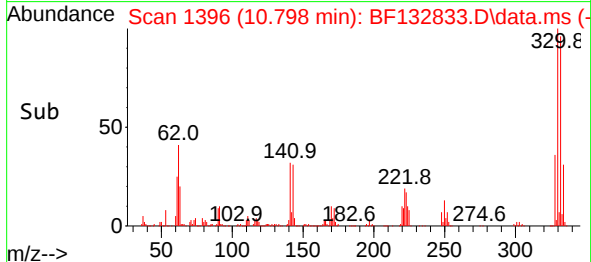
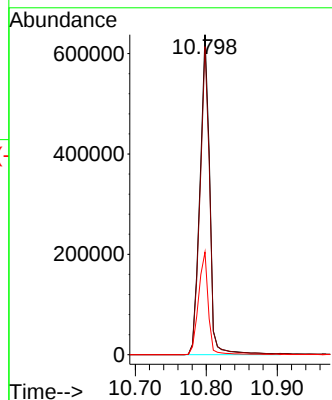
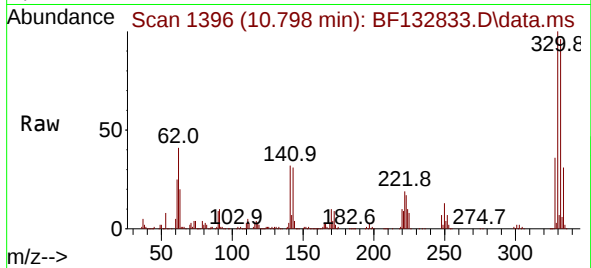




#42
2,4,6-Tribromophenol
Concen: 143.256 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

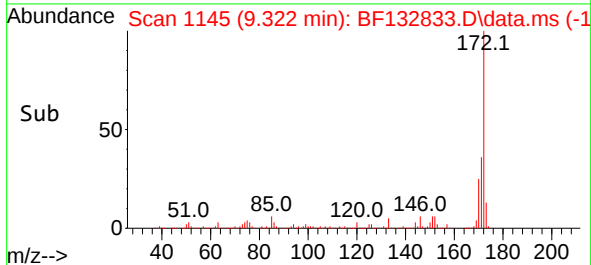
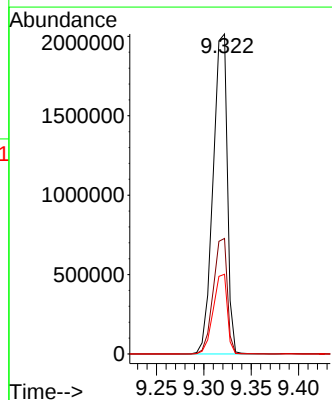
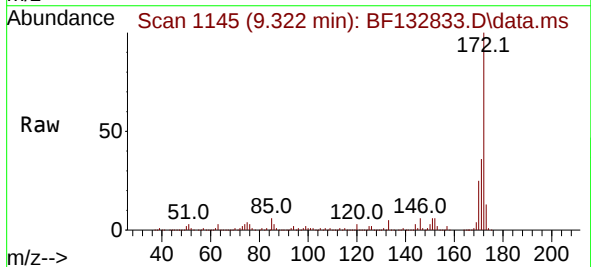
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

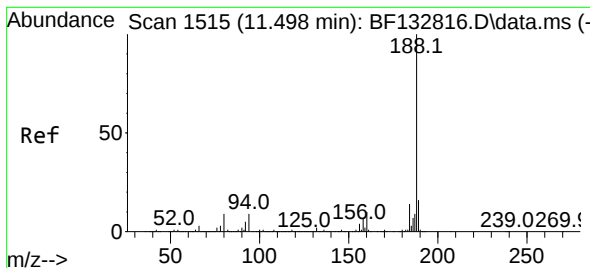
Tgt Ion:330 Resp: 612441
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 32.6 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 85.735 ng
RT: 9.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion:172 Resp: 2098962
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.9 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132833.D

Acq: 17 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

CE-43-031423

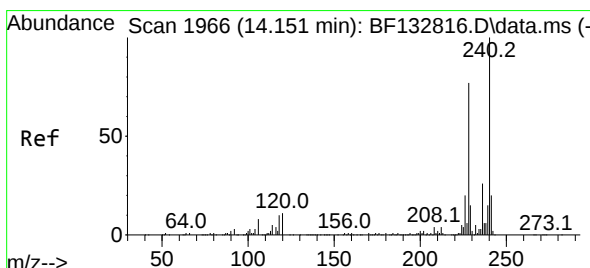
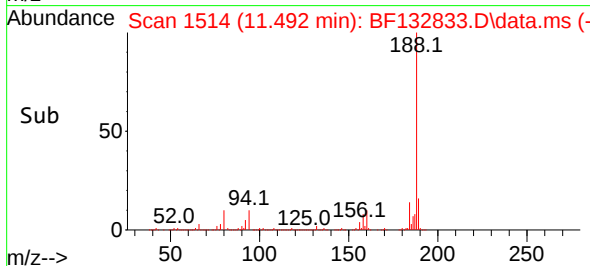
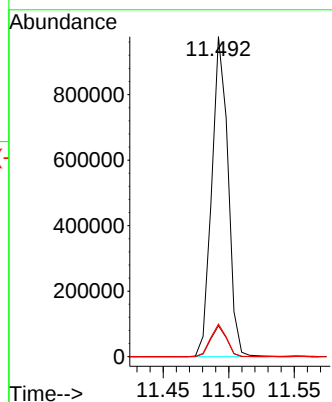
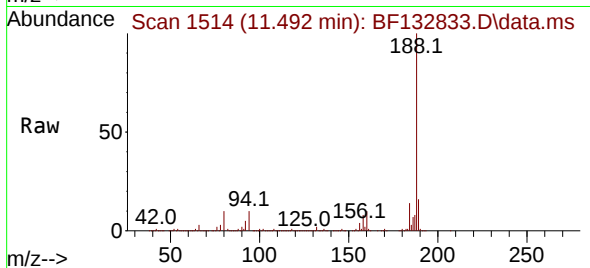
Tgt Ion:188 Resp: 844194

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: BF132833.D

Acq: 17 Mar 2023 20:45

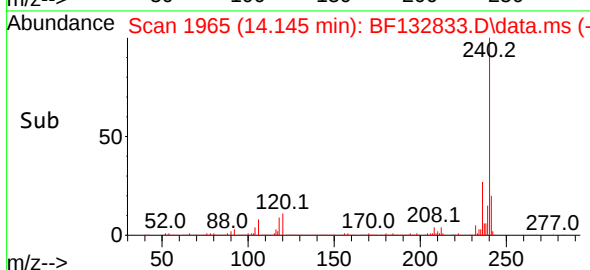
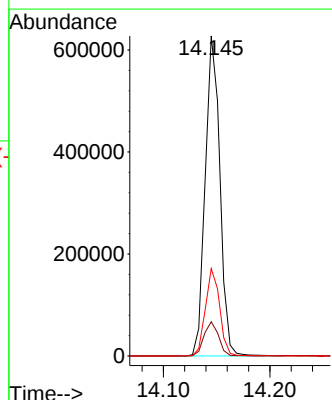
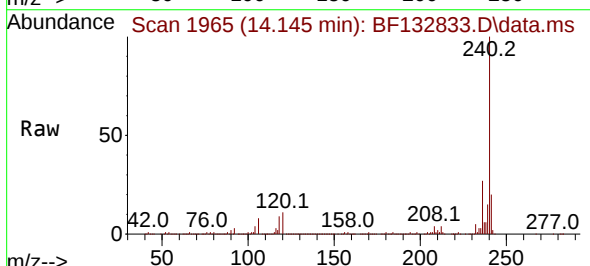
Tgt Ion:240 Resp: 602755

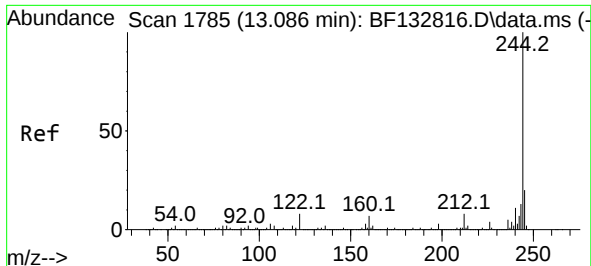
Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

236 27.3 21.2 31.8

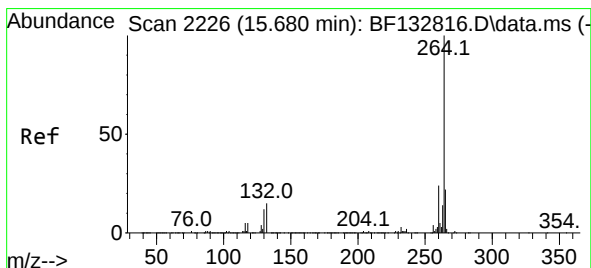
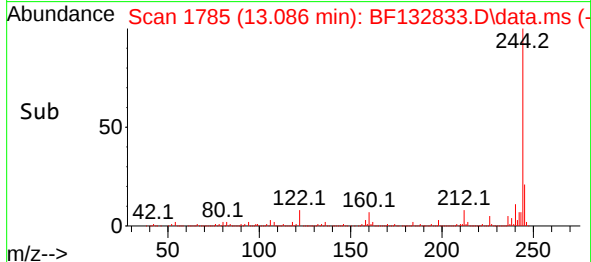
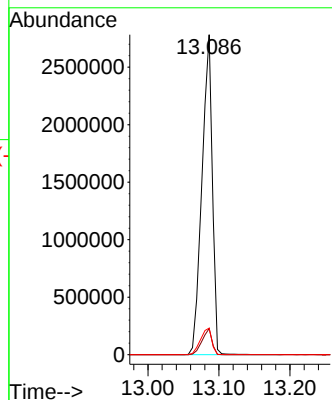
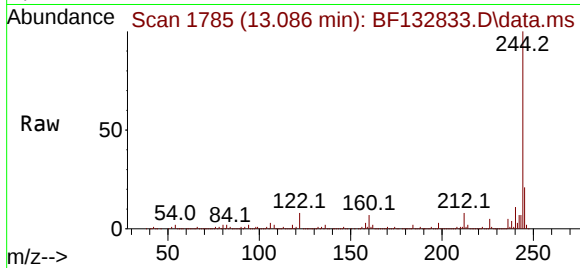




#79
 Terphenyl-d14
 Concen: 85.186 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132833.D
 Acq: 17 Mar 2023 20:45

Instrument :
 BNA_F
 ClientSampleId :
 CE-43-031423

Tgt Ion:244 Resp: 2843578
 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: BF132833.D
 Acq: 17 Mar 2023 20:45

Tgt Ion:264 Resp: 561031
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.9 28.3
 265 22.0 17.4 26.0

