

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132330.D
 Acq On : 03 Feb 2023 19:38
 Operator : CG\JU
 Sample : 01409-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38414

Quant Time: Feb 04 01:41:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

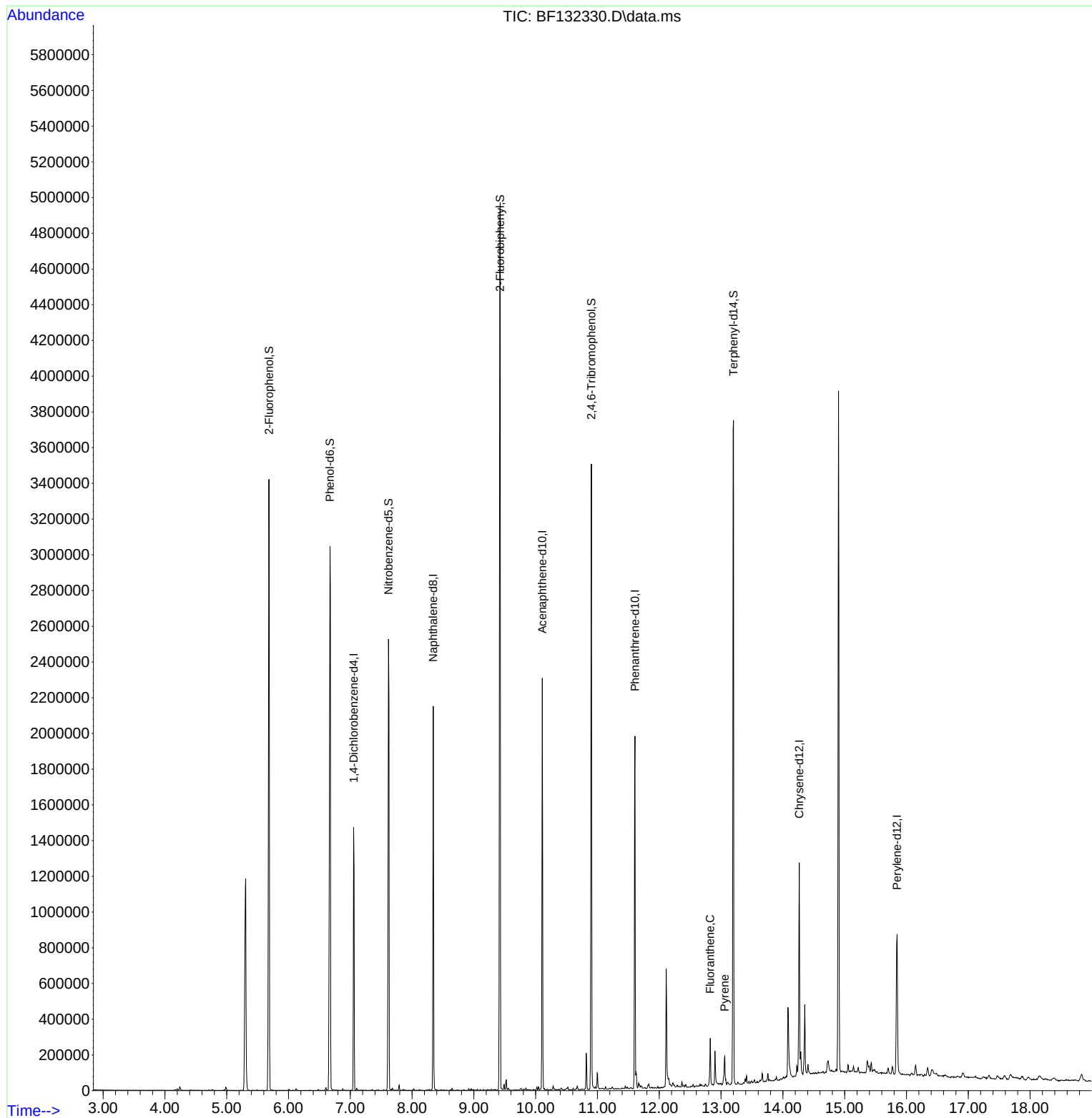
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	229772	20.000	ng	0.00
21) Naphthalene-d8	8.343	136	886274	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	440628	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	735010	20.000	ng	0.00
76) Chrysene-d12	14.266	240	366724	20.000	ng	0.00
86) Perylene-d12	15.848	264	380814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1234519	86.362	ng	0.00
7) Phenol-d6	6.672	99	1537253	87.228	ng	0.00
23) Nitrobenzene-d5	7.619	82	949813	59.637	ng	-0.01
42) 2,4,6-Tribromophenol	10.901	330	446194	98.470	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1665683	58.377	ng	0.00
79) Terphenyl-d14	13.201	244	1364817	71.992	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.825	202	83030	2.118	ng	100
78) Pyrene	13.060	202	68567	2.325	ng	100

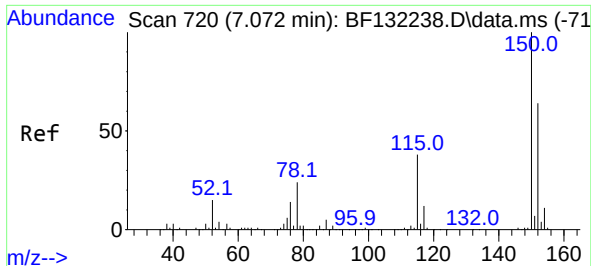
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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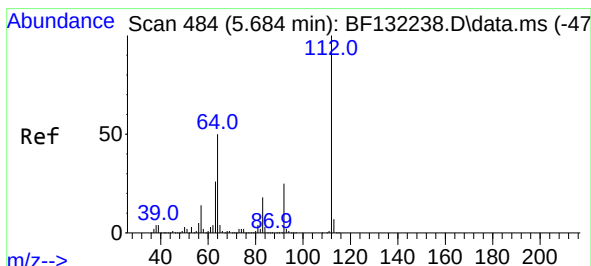
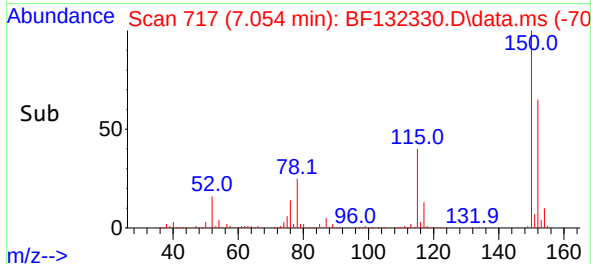
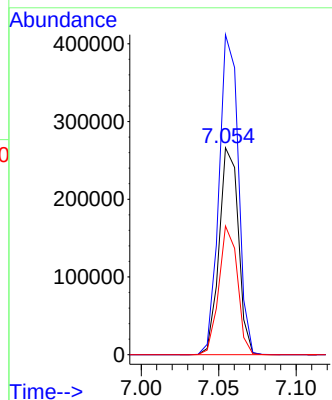
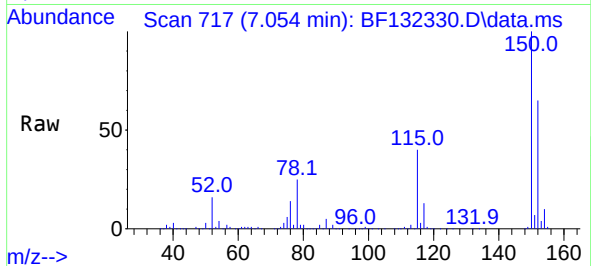




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.054 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132330.D
 Acq: 03 Feb 2023 19:38

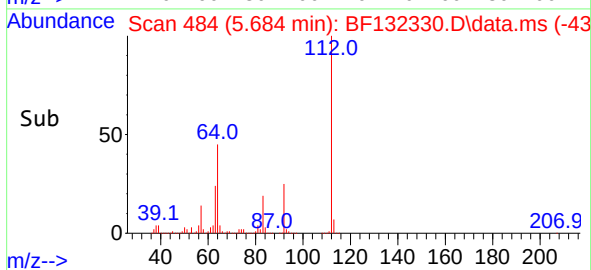
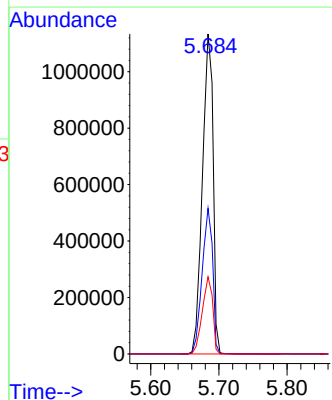
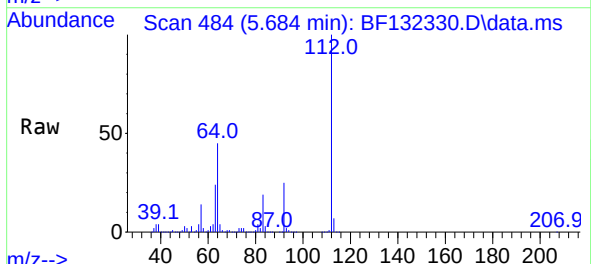
Instrument :
 BNA_F
 ClientSampleId :
 38414

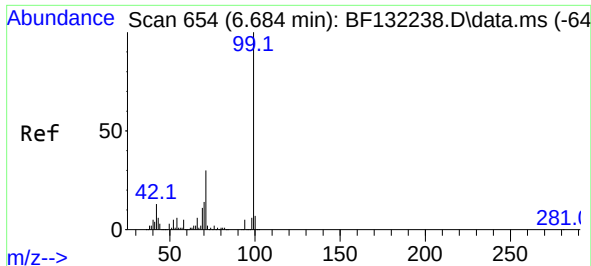
Tgt Ion:152 Resp: 229772
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.2 186.2
 115 62.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 86.362 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.006 min
 Lab File: BF132330.D
 Acq: 03 Feb 2023 19:38

Tgt Ion:112 Resp: 1234519
 Ion Ratio Lower Upper
 112 100
 64 45.5 40.0 60.0
 63 24.1 20.5 30.7



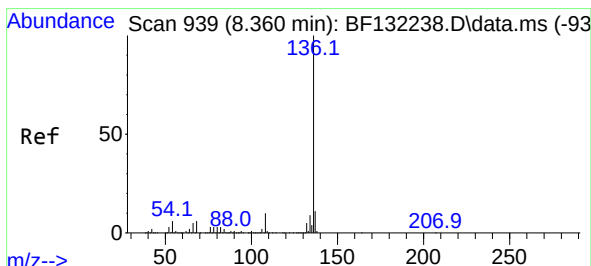
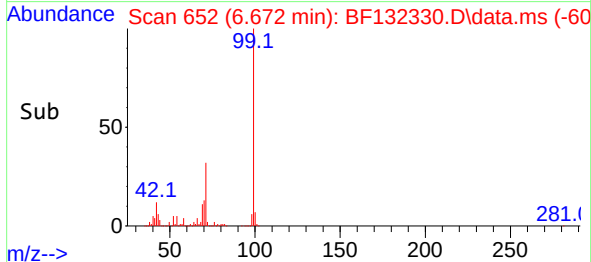
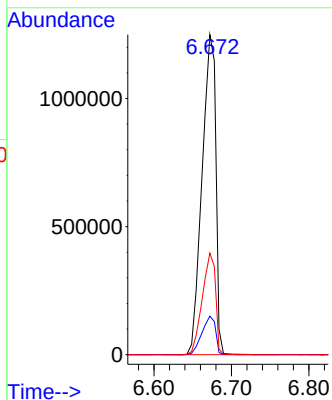
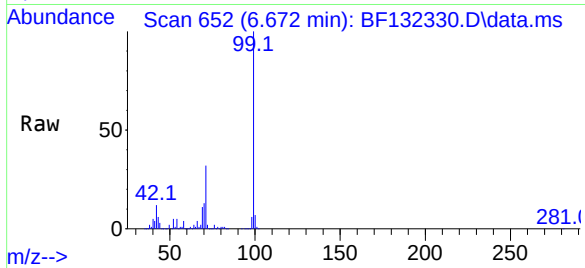


#7
Phenol-d6
Concen: 87.228 ng
RT: 6.672 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Instrument :
BNA_F
ClientSampleId :
38414

Tgt Ion: 99 Resp: 1537253

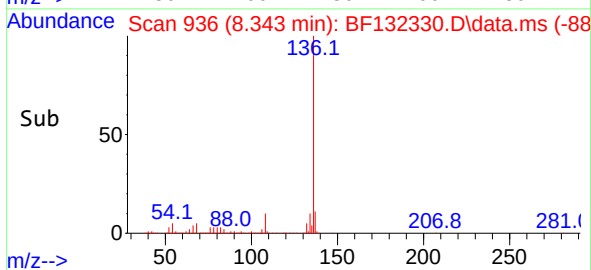
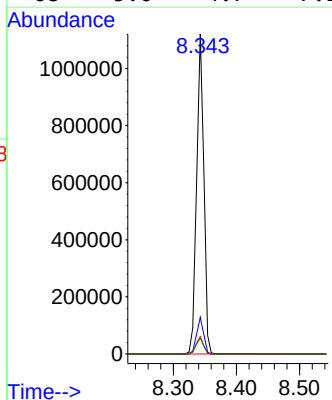
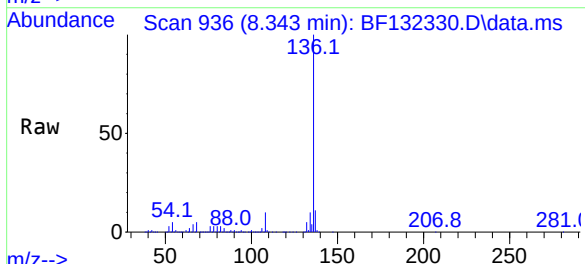
Ion	Ratio	Lower	Upper
99	100		
42	12.1	10.1	15.1
71	31.8	24.2	36.4

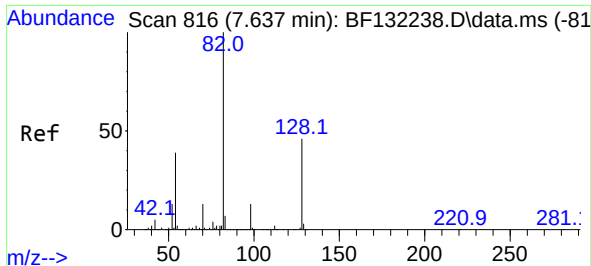


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.343 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion: 136 Resp: 886274

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	5.5	4.9	7.3
68	5.0	4.7	7.1

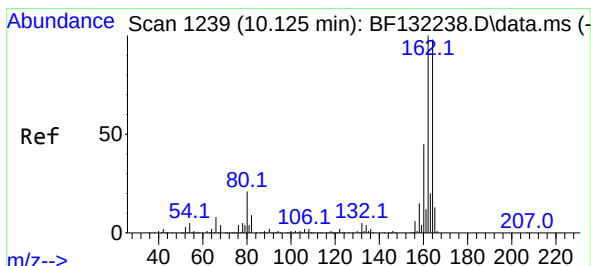
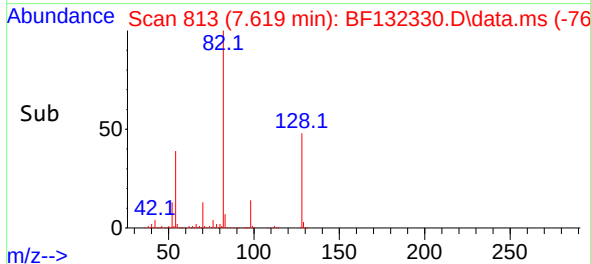
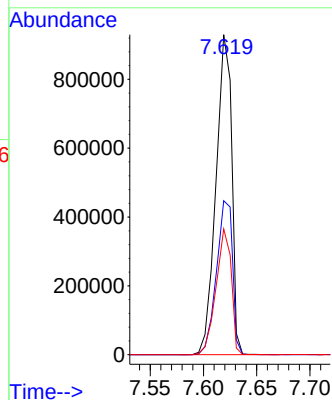
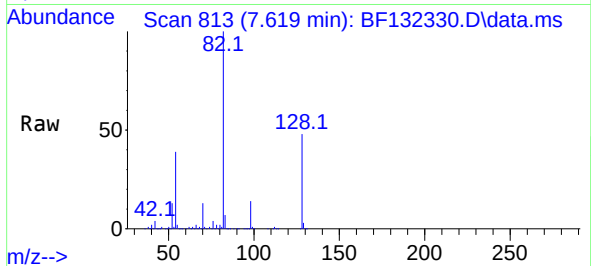




#23
Nitrobenzene-d5
Concen: 59.637 ng
RT: 7.619 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

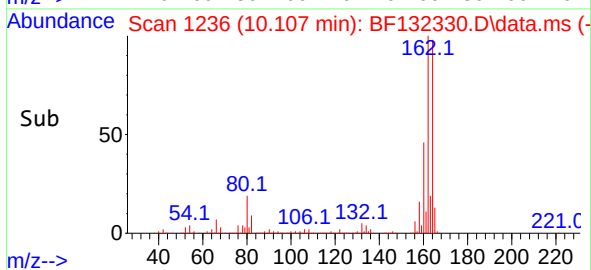
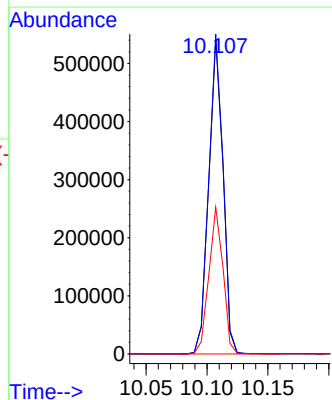
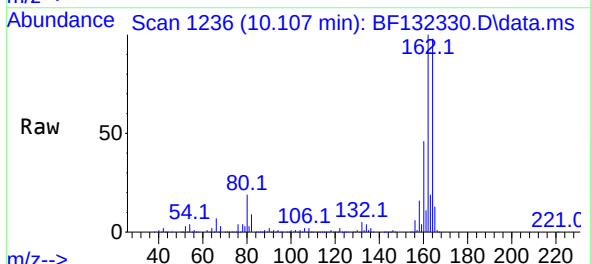
Instrument :
BNA_F
ClientSampleId :
38414

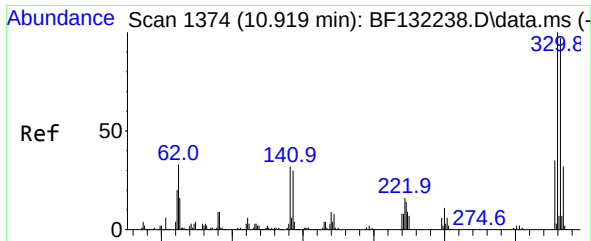
Tgt Ion: 82 Resp: 949813
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 39.3 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

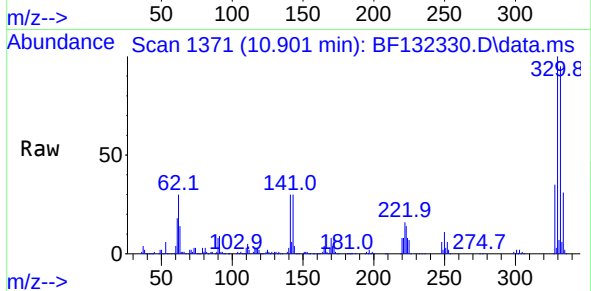
Tgt Ion:164 Resp: 440628
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 46.6 37.1 55.7



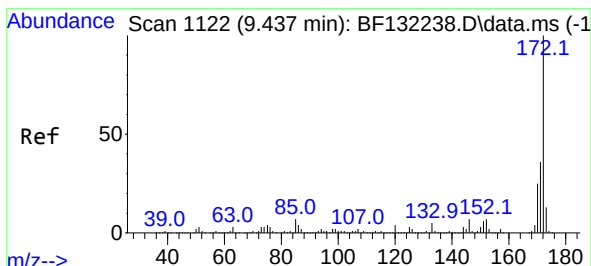
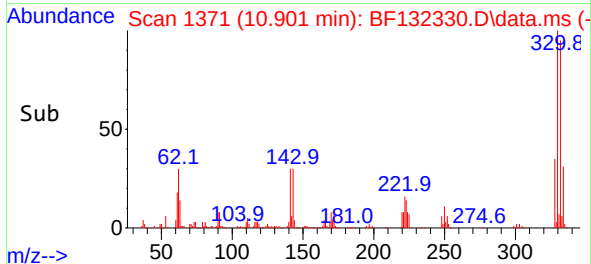
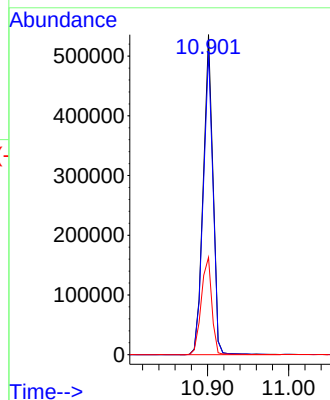


#42
2,4,6-Tribromophenol
Concen: 98.470 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Instrument :
BNA_F
ClientSampleId :
38414

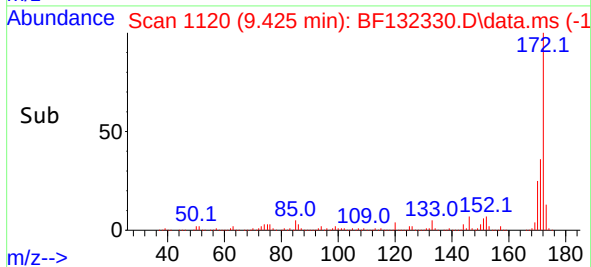
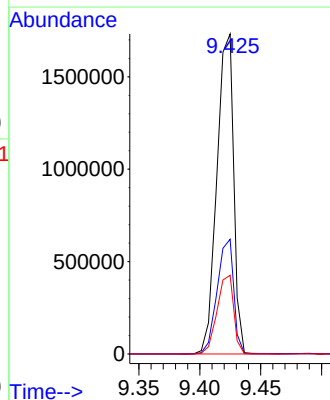
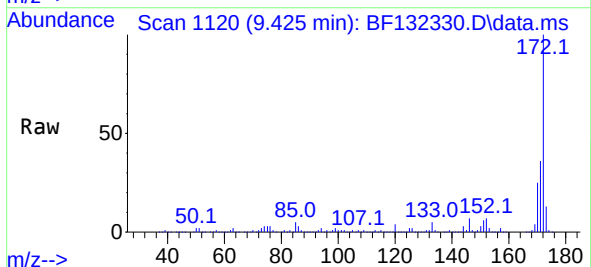


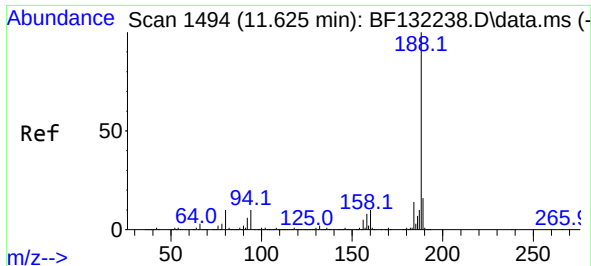
Tgt Ion:330 Resp: 446194
Ion Ratio Lower Upper
330 100
332 95.3 77.9 116.9
141 33.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 58.377 ng
RT: 9.425 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:172 Resp: 1665683
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.6 19.7 29.5

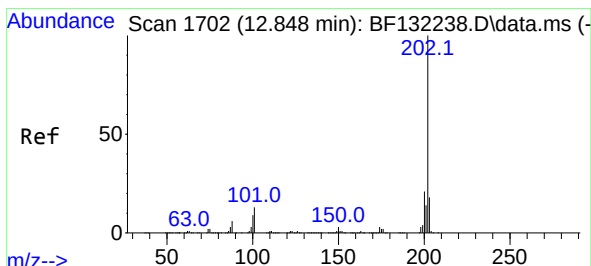
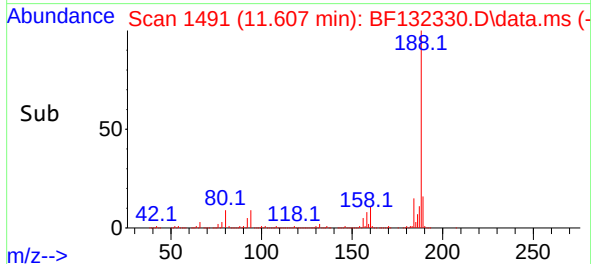
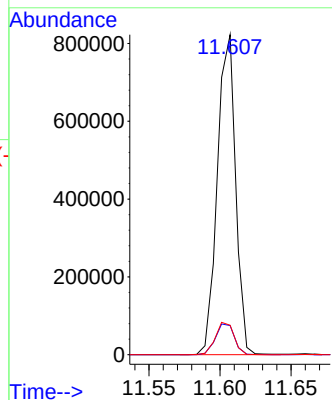
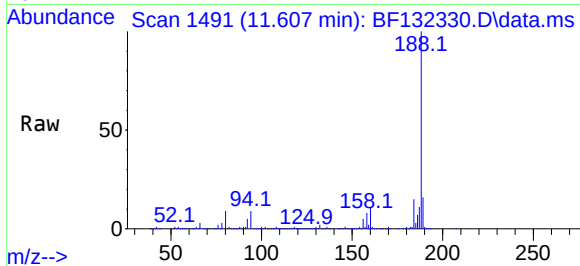




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

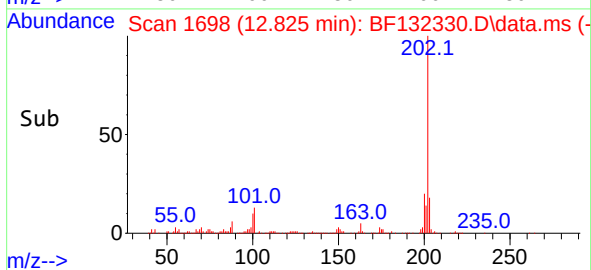
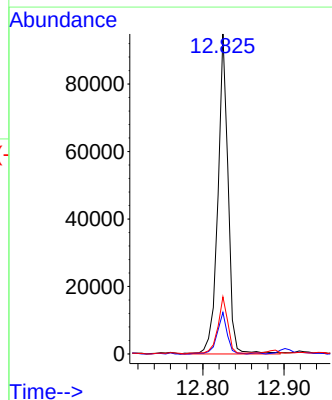
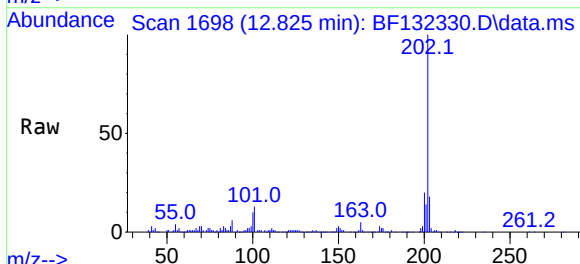
Instrument :
BNA_F
ClientSampleId :
38414

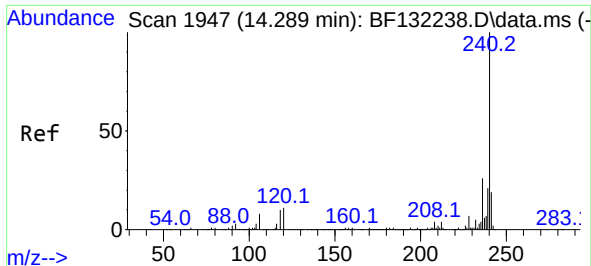
Tgt Ion:188 Resp: 735010
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.2 8.3 12.5



#75
Fluoranthene
Concen: 2.118 ng
RT: 12.825 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:202 Resp: 83030
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.7
203 17.9 0.0 37.9

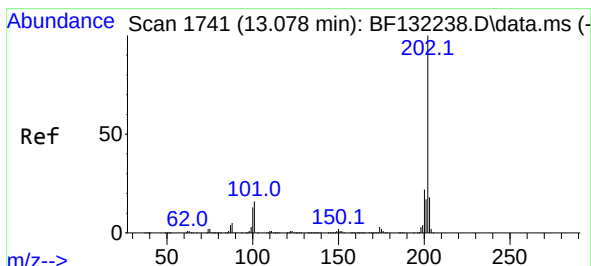
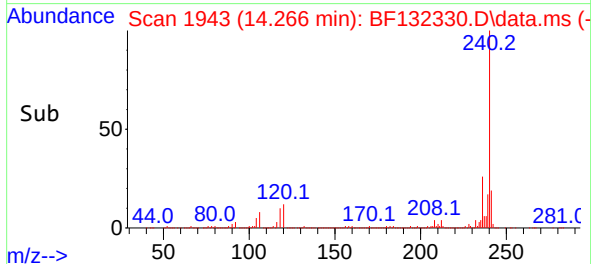
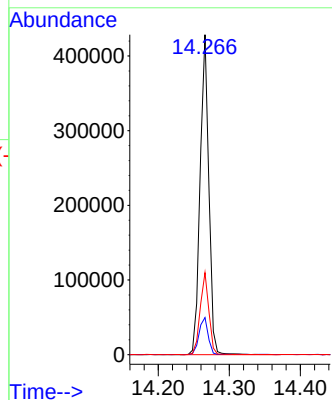
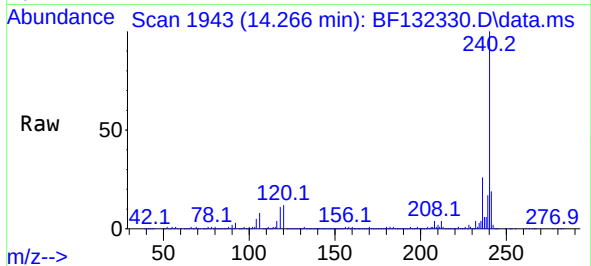




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.266 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

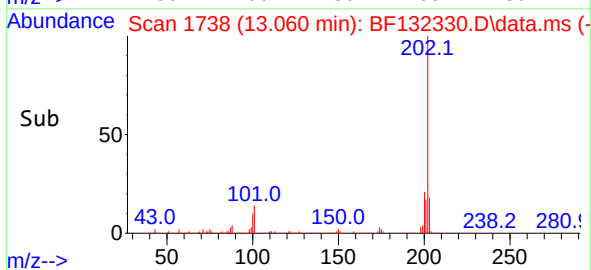
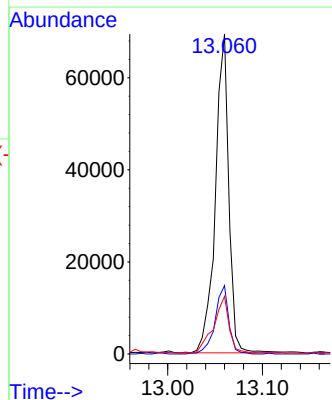
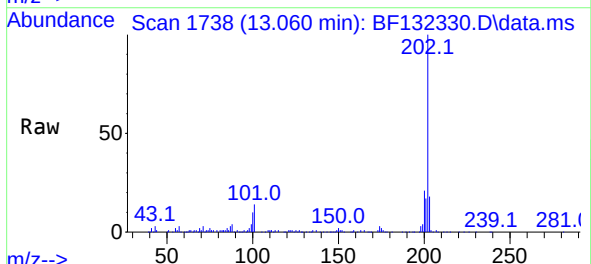
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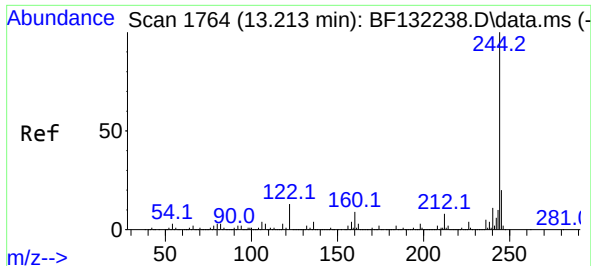
Tgt Ion:240 Resp: 366724
Ion Ratio Lower Upper
240 100
120 11.6 8.8 13.2
236 25.7 21.0 31.6



#78
Pyrene
Concen: 2.325 ng
RT: 13.060 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:202 Resp: 68567
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.0 14.4 21.6

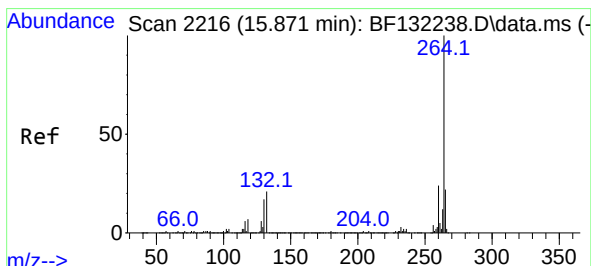
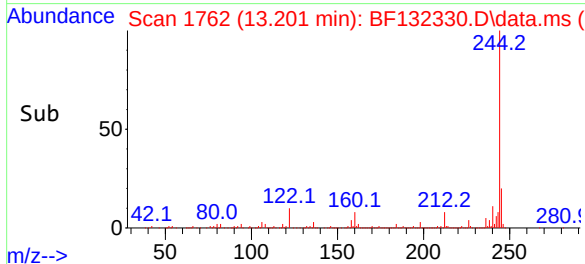
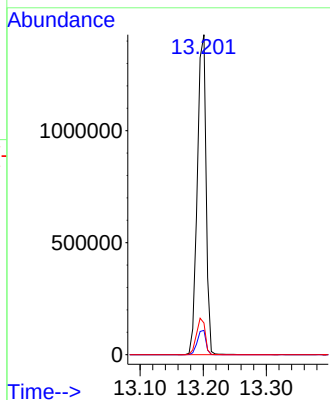
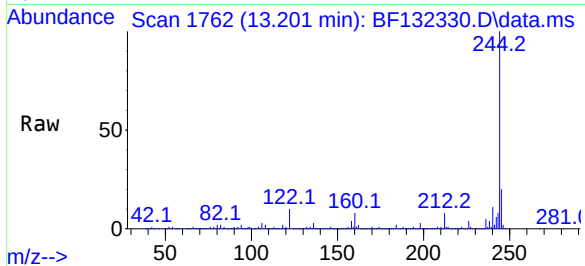




#79
 Terphenyl-d14
 Concen: 71.992 ng
 RT: 13.201 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132330.D
 Acq: 03 Feb 2023 19:38

Instrument :
 BNA_F
 ClientSampleId :
 38414

Tgt Ion:244 Resp: 1364817
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 9.9 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.848 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF132330.D
 Acq: 03 Feb 2023 19:38

Tgt Ion:264 Resp: 380814
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.3 17.4 26.2

