

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132304.D
 Acq On : 02 Feb 2023 21:48
 Operator : CG\JU
 Sample : 01392-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200033

Quant Time: Feb 03 00:26:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

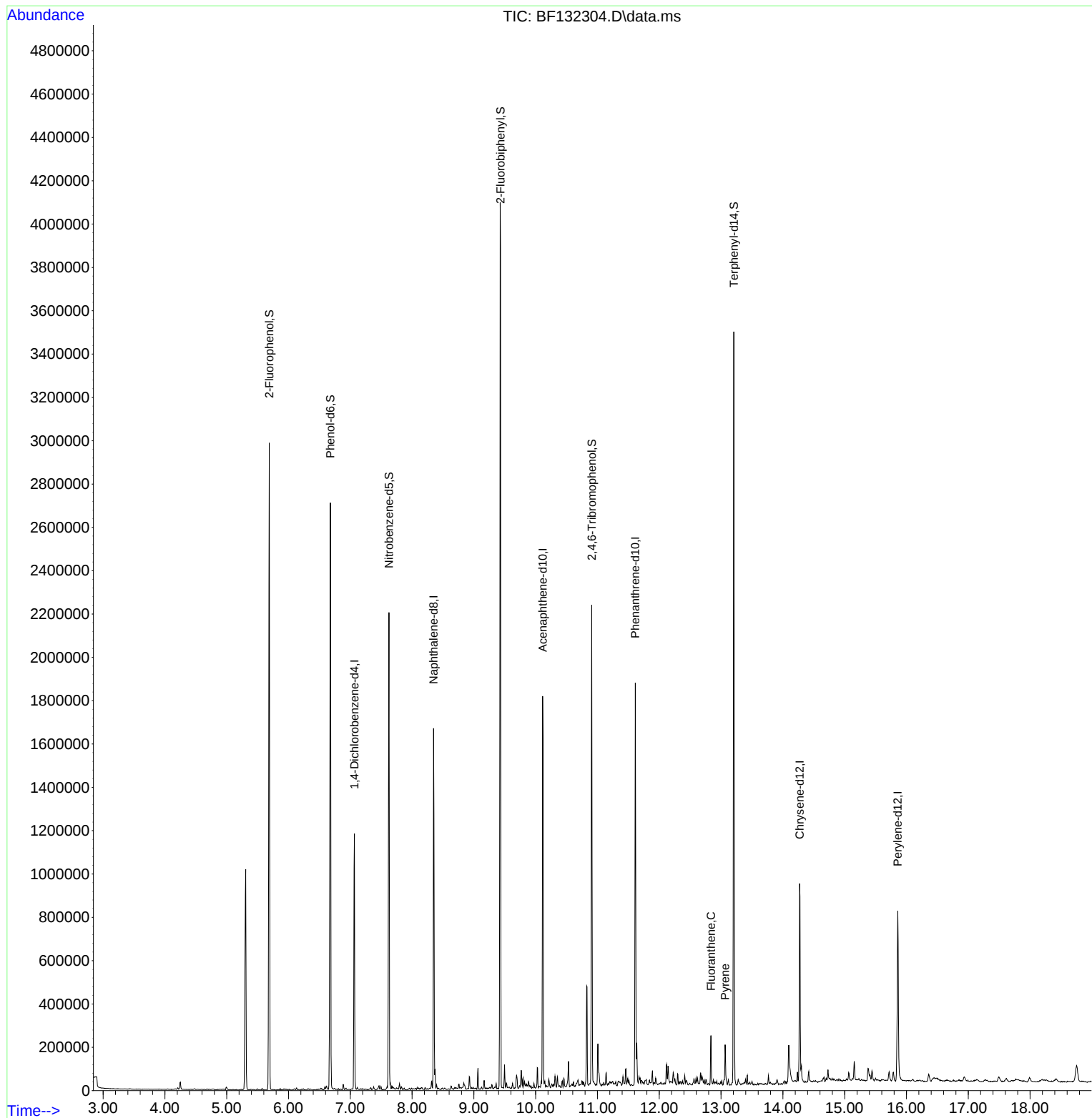
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	184608	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	709352	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	366543	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	636193	20.000	ng	-0.01
76) Chrysene-d12	14.271	240	304129	20.000	ng	#-0.02
86) Perylene-d12	15.860	264	360615	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	951651	82.861	ng	0.00
7) Phenol-d6	6.678	99	1165946	82.345	ng	0.00
23) Nitrobenzene-d5	7.625	82	696891	54.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.907	330	259553	68.858	ng	-0.01
45) 2-Fluorobiphenyl	9.431	172	1310521	55.212	ng	0.00
79) Terphenyl-d14	13.207	244	1161055	73.849	ng	0.00
Target Compounds						
75) Fluoranthene	12.836	202	74419	2.194	ng	99
78) Pyrene	13.066	202	63552	2.598	ng	97

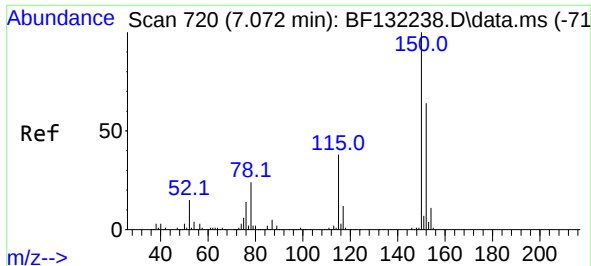
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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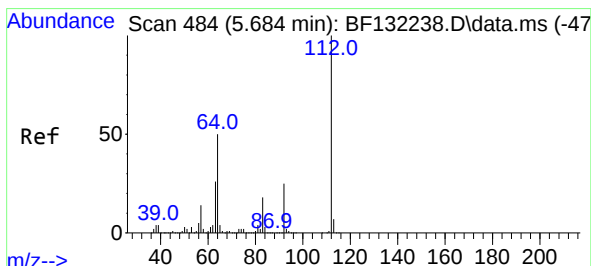
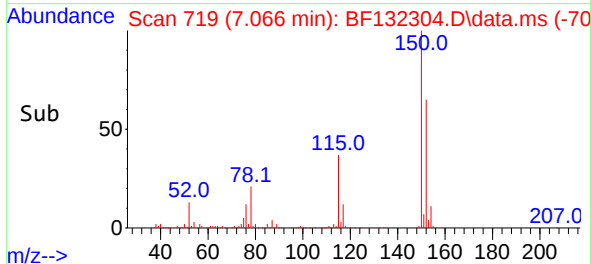
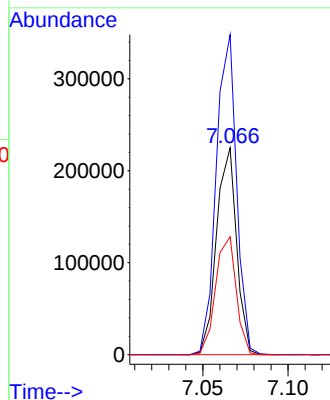
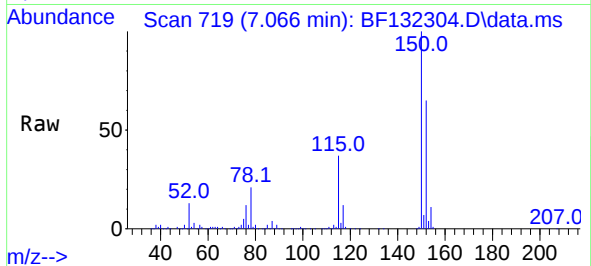




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

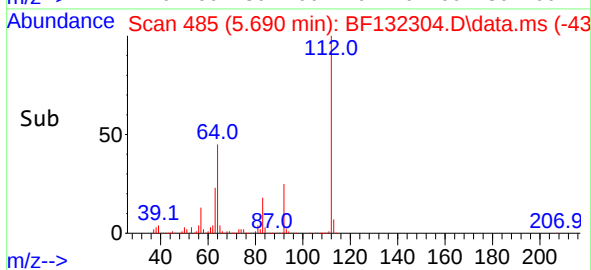
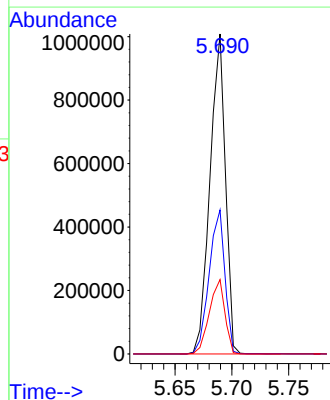
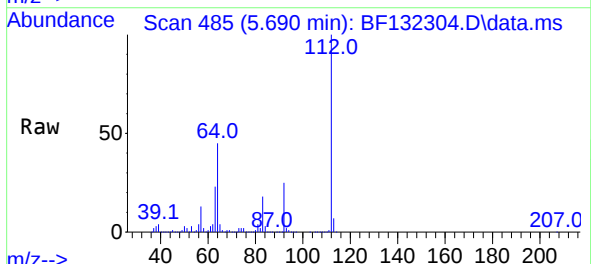
Instrument :
BNA_F
ClientSampleId :
RBR200033

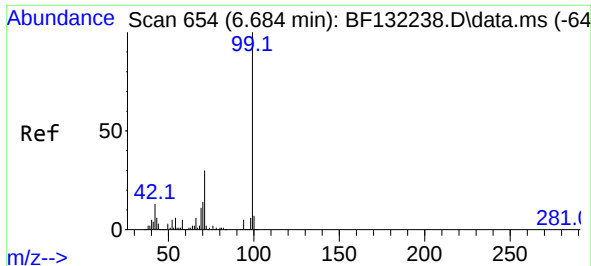
Tgt Ion:152 Resp: 184608
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 57.0 47.3 70.9



#5
2-Fluorophenol
Concen: 82.861 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:112 Resp: 951651
Ion Ratio Lower Upper
112 100
64 45.0 40.0 60.0
63 23.3 20.5 30.7

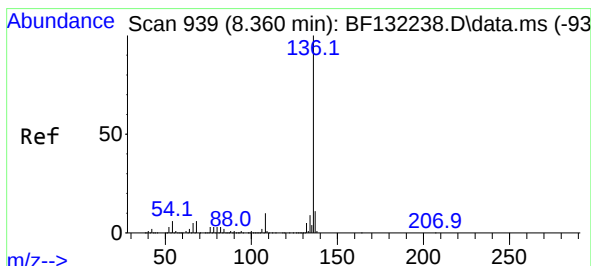
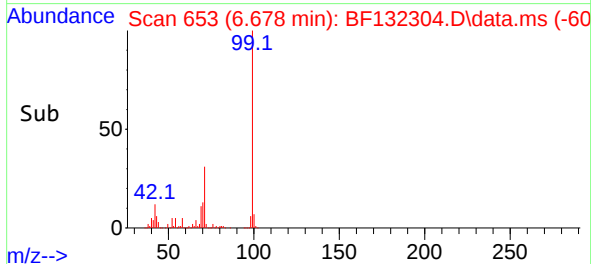
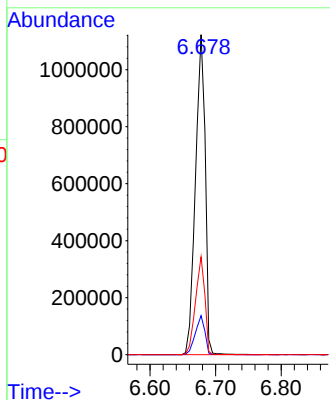
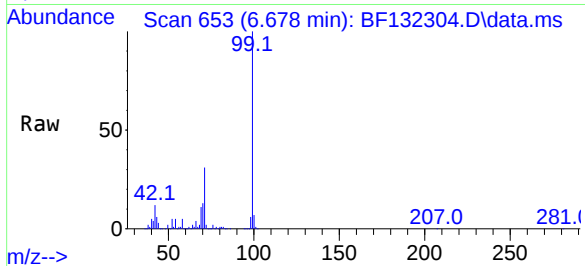




#7
Phenol-d6
Concen: 82.345 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

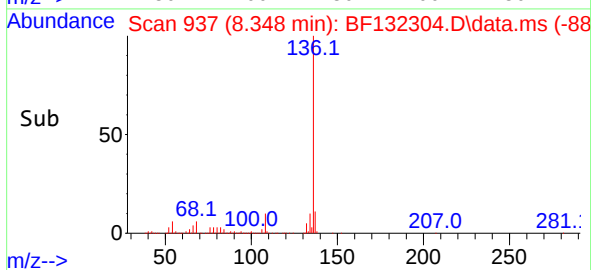
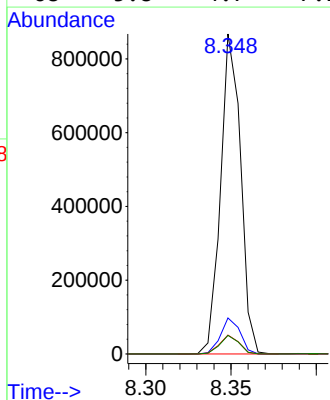
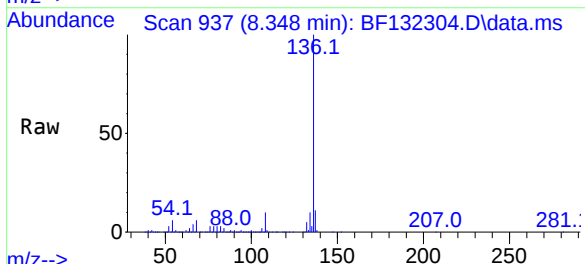
Instrument :
BNA_F
ClientSampleId :
RBR200033

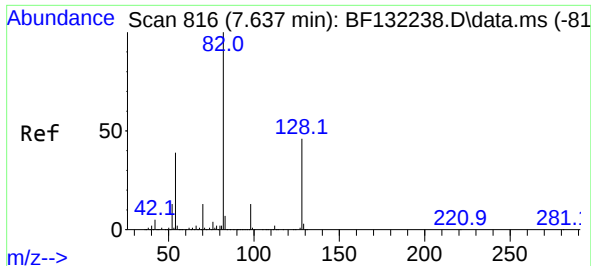
Tgt Ion: 99 Resp: 1165946
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 30.6 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion: 136 Resp: 709352
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.9 4.9 7.3
68 5.8 4.7 7.1

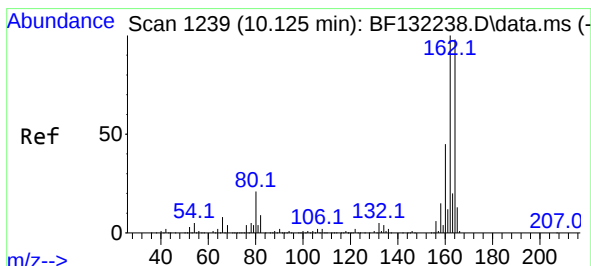
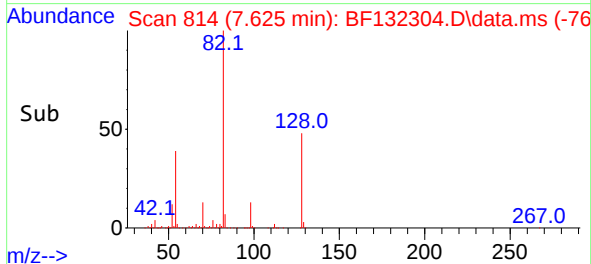
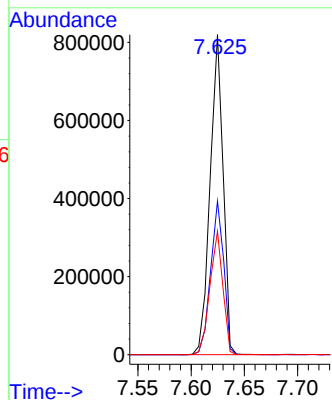
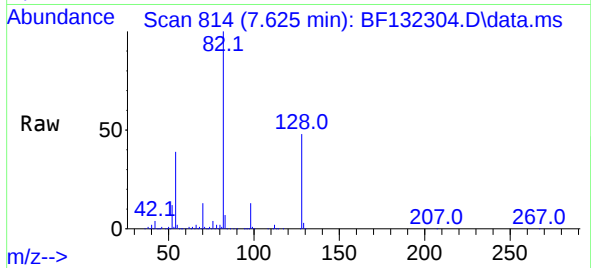




#23
Nitrobenzene-d5
Concen: 54.670 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

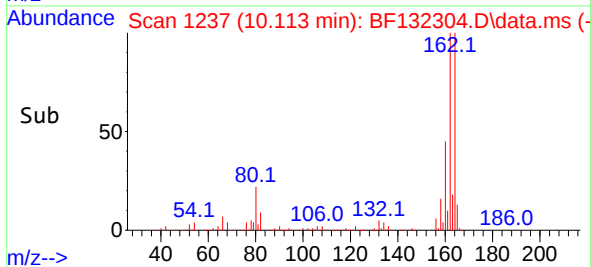
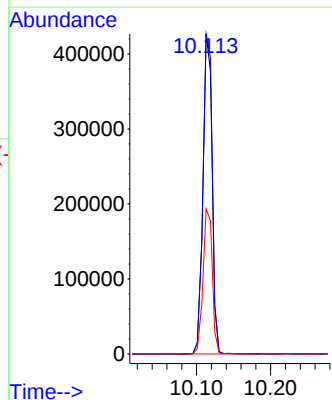
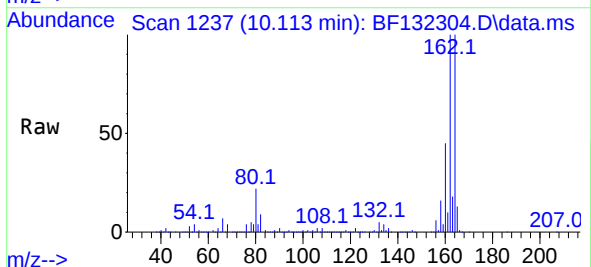
Instrument :
BNA_F
ClientSampleId :
RBR200033

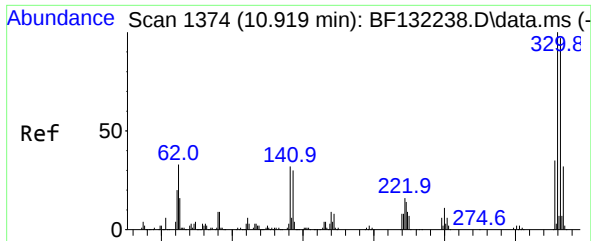
Tgt Ion: 82 Resp: 696891
Ion Ratio Lower Upper
82 100
128 48.0 37.0 55.4
54 38.6 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

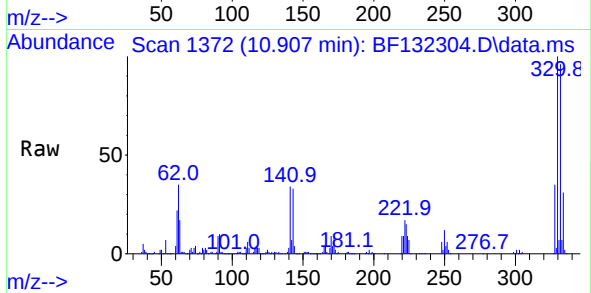
Tgt Ion: 164 Resp: 366543
Ion Ratio Lower Upper
164 100
162 100.0 82.0 123.0
160 45.3 37.1 55.7



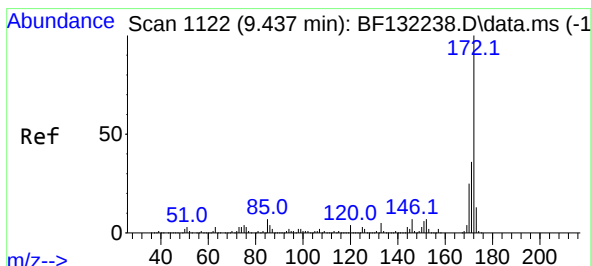
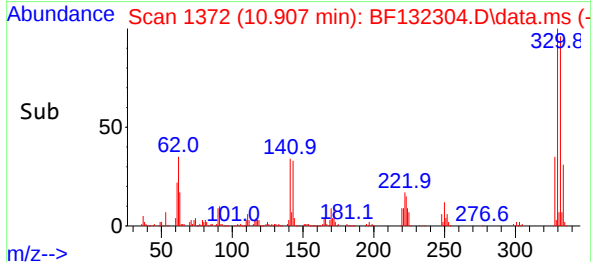
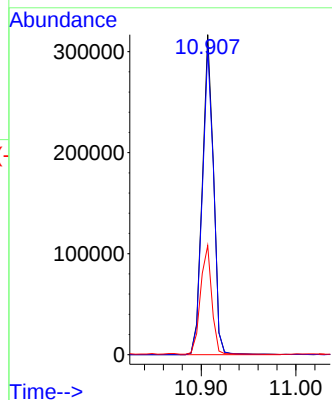


#42
2,4,6-Tribromophenol
Concen: 68.858 ng
RT: 10.907 min Scan# 111
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Instrument :
BNA_F
ClientSampleId :
RBR200033

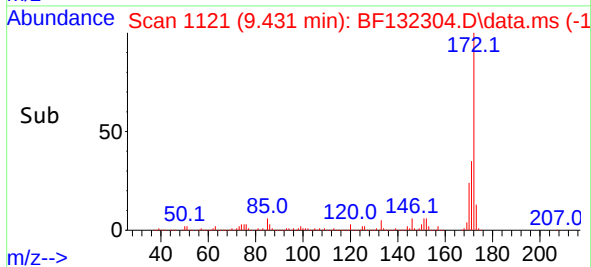
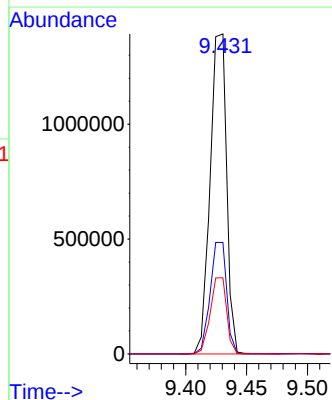
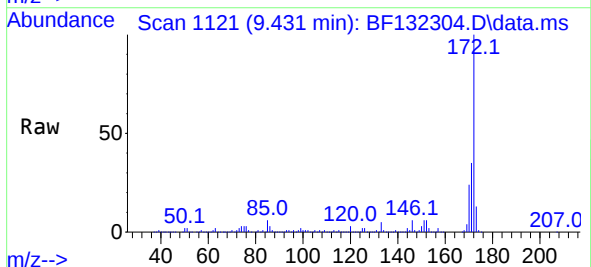


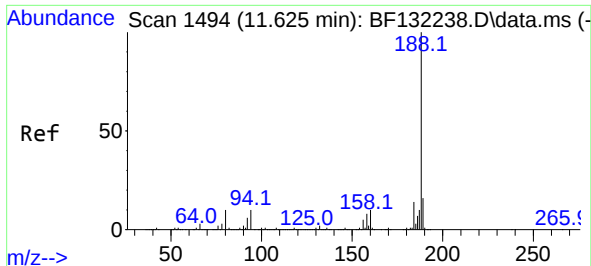
Tgt Ion:330 Resp: 259553
Ion Ratio Lower Upper
330 100
332 97.0 77.9 116.9
141 34.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 55.212 ng
RT: 9.431 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:172 Resp: 1310521
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.8 19.7 29.5

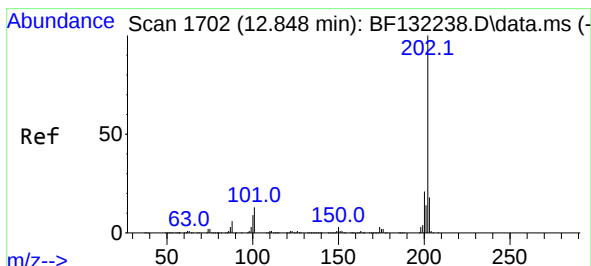
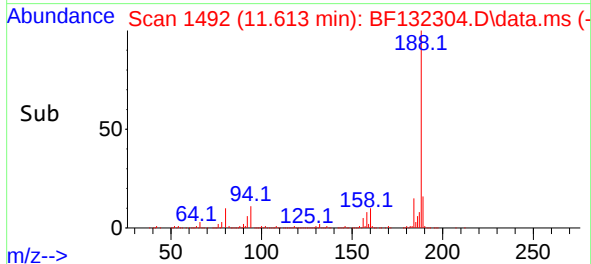
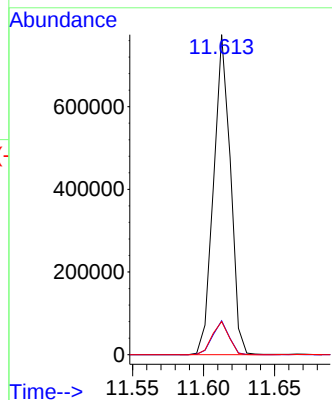
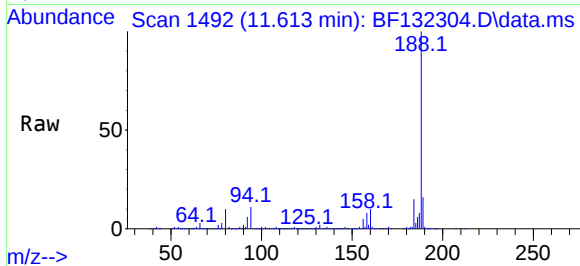




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

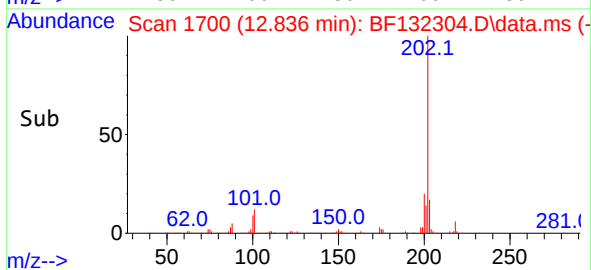
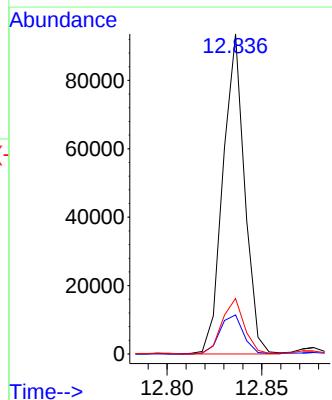
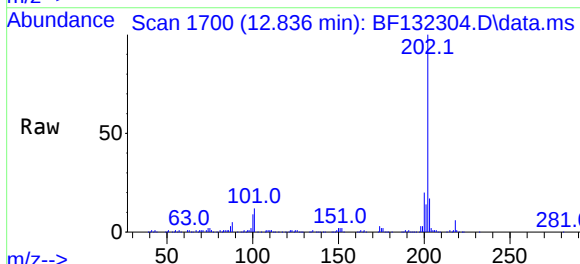
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ClientSampleId :
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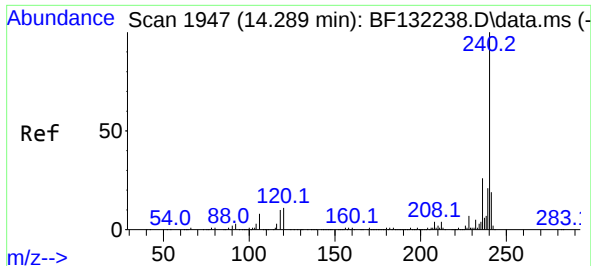
Tgt Ion:188 Resp: 636193
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 10.4 8.3 12.5



#75
Fluoranthene
Concen: 2.194 ng
RT: 12.836 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:202 Resp: 74419
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.7
203 17.3 0.0 37.9

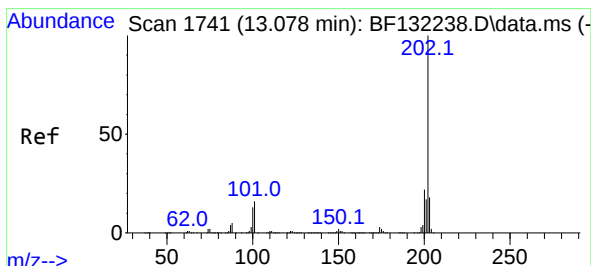
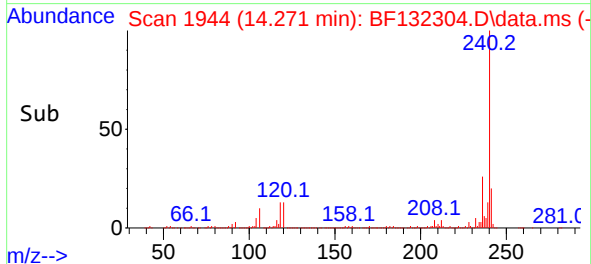
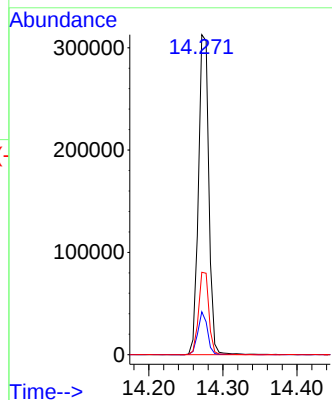
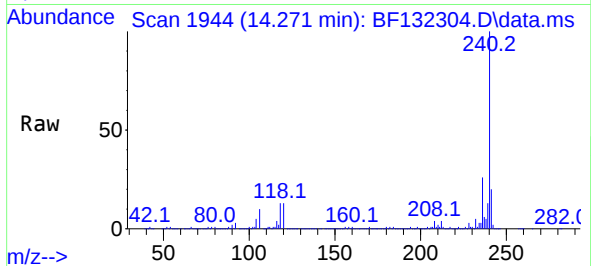




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.018 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

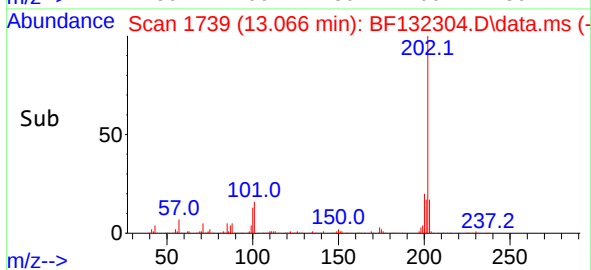
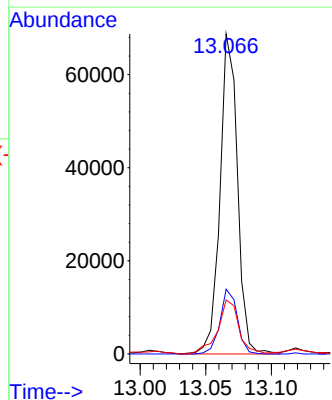
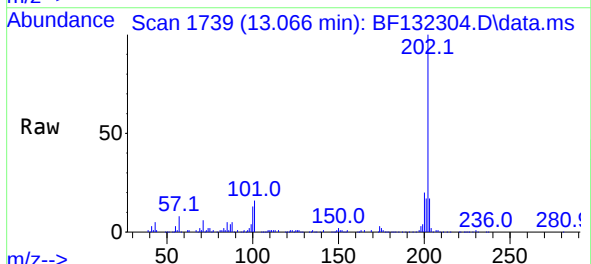
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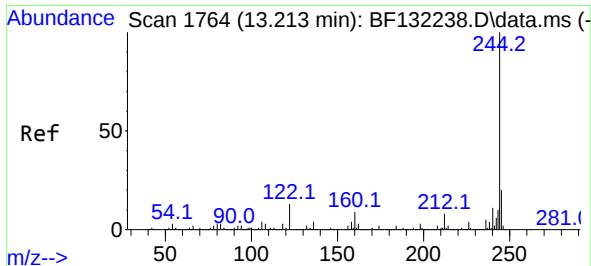
Tgt Ion:240 Resp: 304129
Ion Ratio Lower Upper
240 100
120 13.4 8.8 13.2#
236 25.7 21.0 31.6



#78
Pyrene
Concen: 2.598 ng
RT: 13.066 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:202 Resp: 63552
Ion Ratio Lower Upper
202 100
200 20.2 17.3 25.9
203 16.9 14.4 21.6

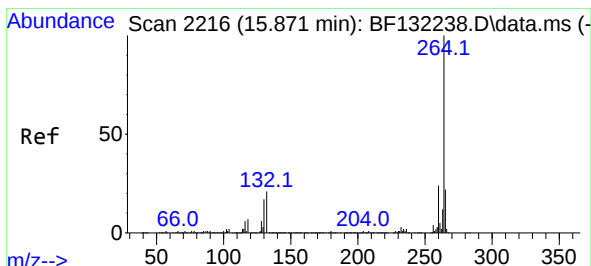
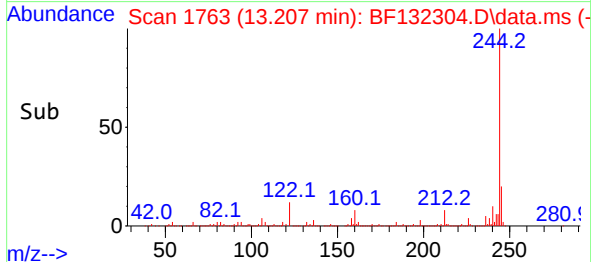
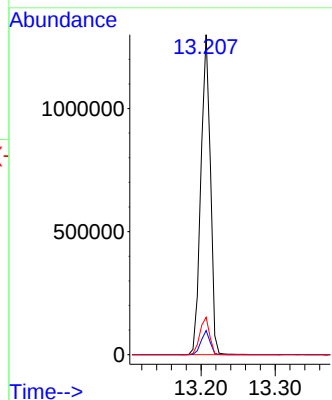
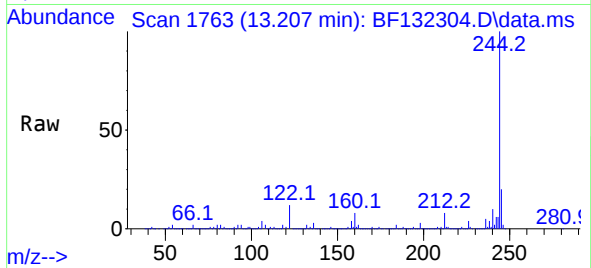




#79
 Terphenyl-d14
 Concen: 73.849 ng
 RT: 13.207 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132304.D
 Acq: 02 Feb 2023 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RBR200033

Tgt Ion:244 Resp: 1161055
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 11.7 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.860 min Scan# 2214
 Delta R.T. -0.012 min
 Lab File: BF132304.D
 Acq: 02 Feb 2023 21:48

Tgt Ion:264 Resp: 360615
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.5 17.4 26.2

