

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132373.D
 Acq On : 09 Feb 2023 10:49
 Operator : CG\JU
 Sample : PB150738BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150738BL

Quant Time: Feb 10 00:56:47 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 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.043	152	188793	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	728744	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	385579	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	688839	20.000	ng	# 0.00
76) Chrysene-d12	14.248	240	369706	20.000	ng	0.00
86) Perylene-d12	15.818	264	305775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1358739	115.684	ng	0.02
7) Phenol-d6	6.666	99	1657731	114.482	ng	0.00
23) Nitrobenzene-d5	7.613	82	1005601	76.788	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	576366	145.358	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1945938	77.935	ng	0.00
79) Terphenyl-d14	13.189	244	2069785	108.297	ng	0.00

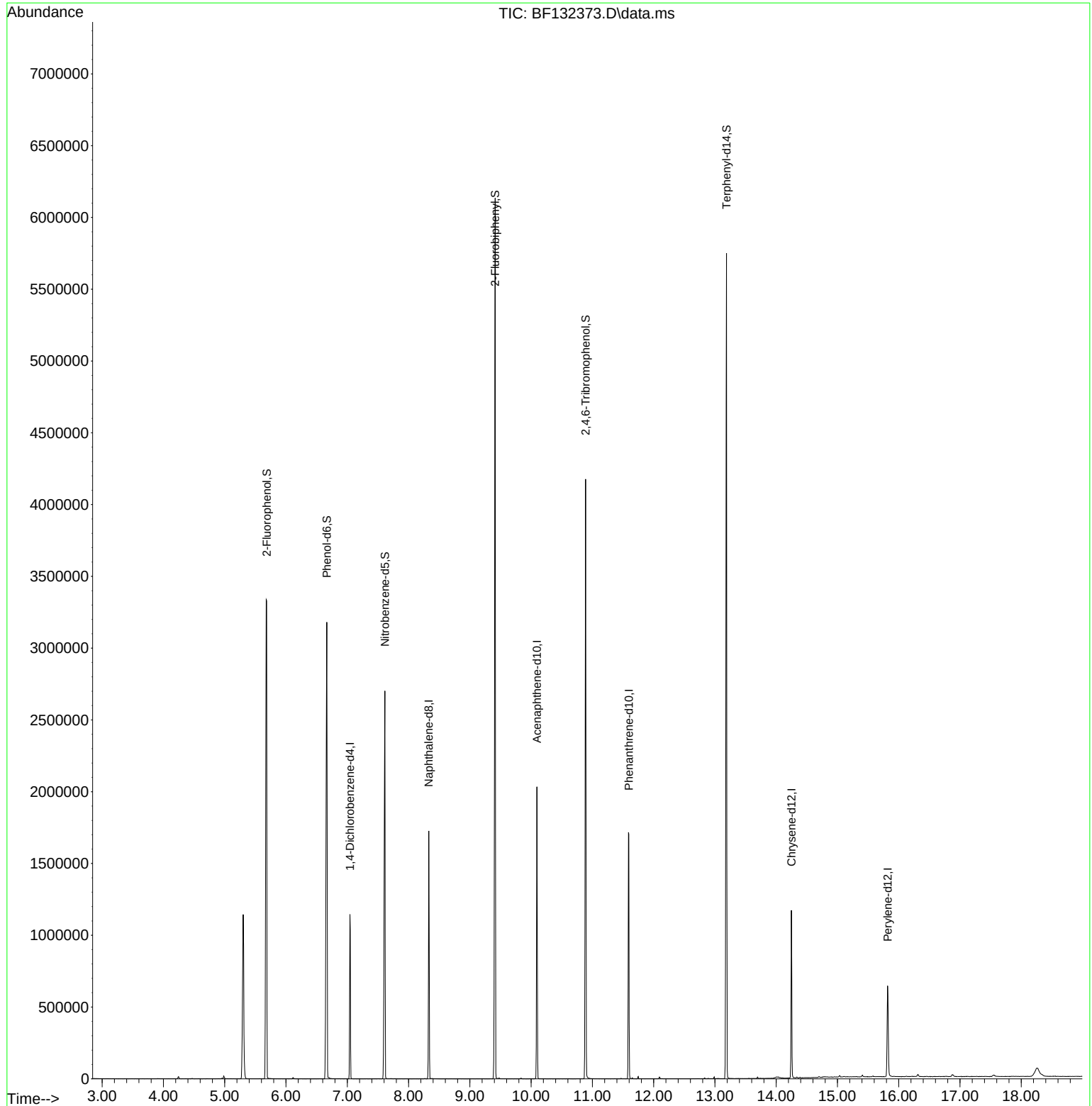
Target Compounds Qvalue

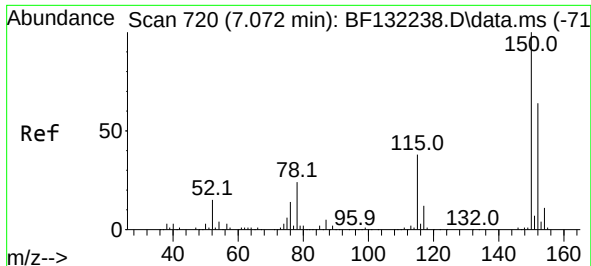
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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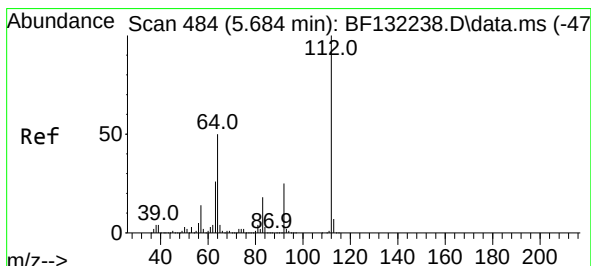
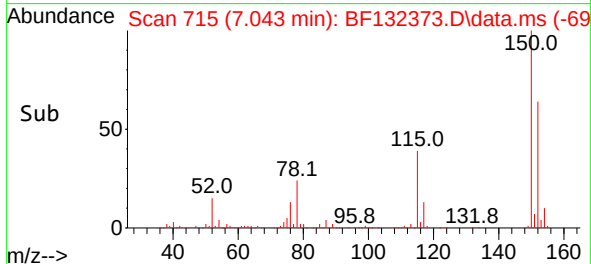
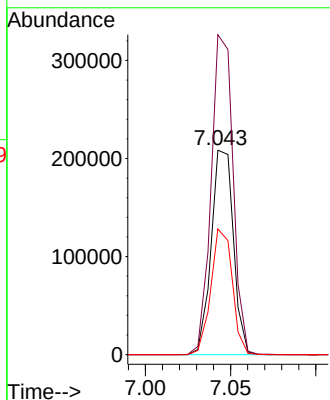
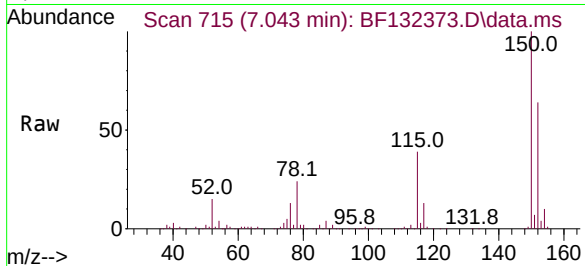




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.043 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF132373.D
 Acq: 09 Feb 2023 10:49

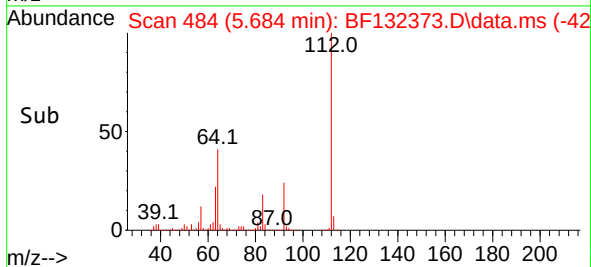
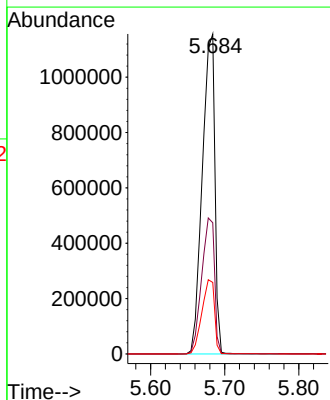
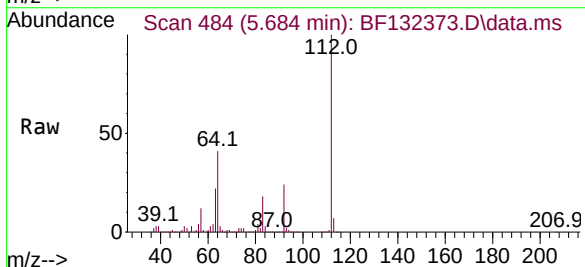
Instrument :
 BNA_F
 ClientSampleId :
 PB150738BL

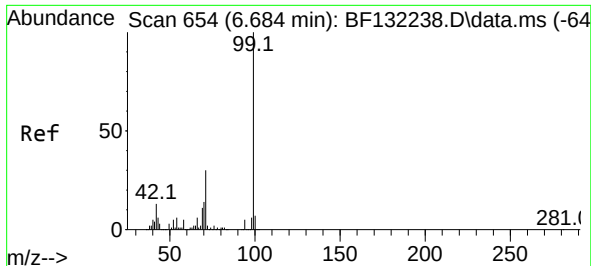
Tgt Ion:152 Resp: 188793
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.2 186.2
 115 61.5 47.3 70.9



#5
 2-Fluorophenol
 Concen: 115.684 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.024 min
 Lab File: BF132373.D
 Acq: 09 Feb 2023 10:49

Tgt Ion:112 Resp: 1358739
 Ion Ratio Lower Upper
 112 100
 64 41.0 40.0 60.0
 63 22.3 20.5 30.7

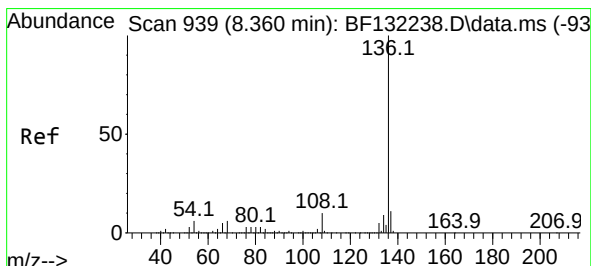
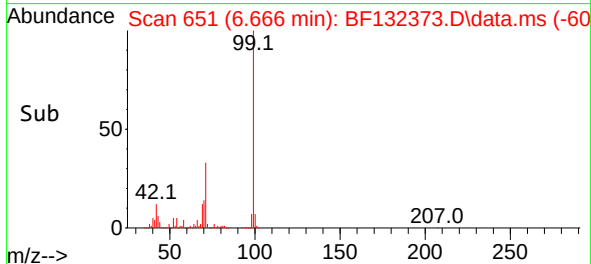
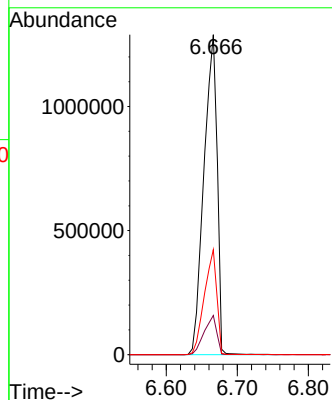
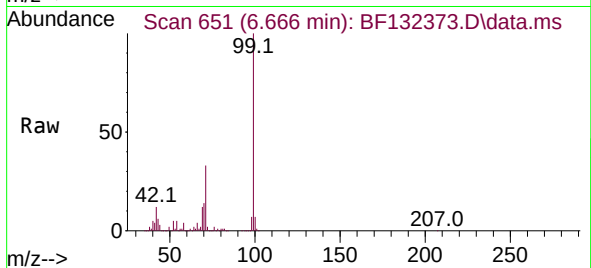




#7
Phenol-d6
Concen: 114.482 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

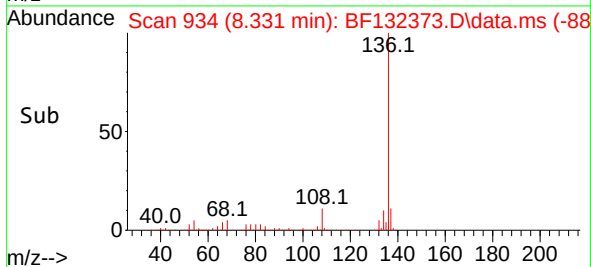
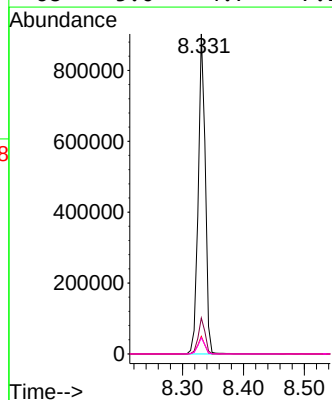
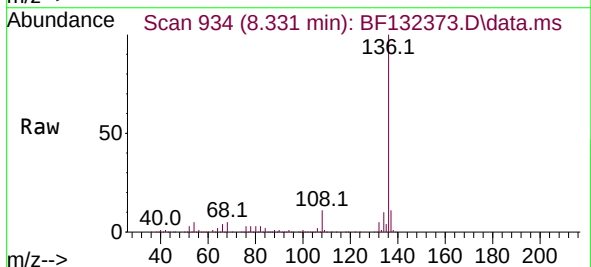
Instrument :
BNA_F
ClientSampleId :
PB150738BL

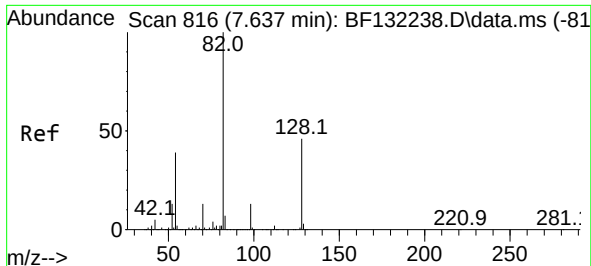
Tgt Ion: 99 Resp: 1657731
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 32.8 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Tgt Ion:136 Resp: 728744
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.5 4.9 7.3
68 5.0 4.7 7.1

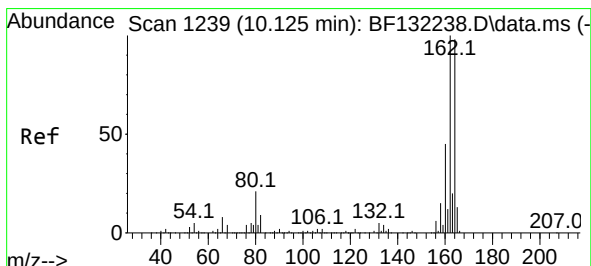
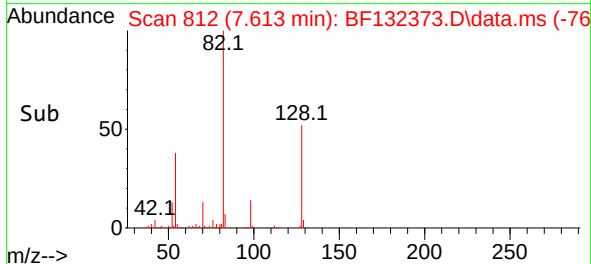
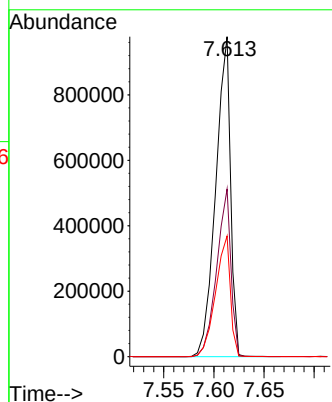
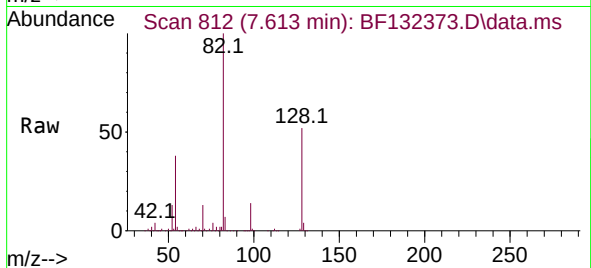




#23
Nitrobenzene-d5
Concen: 76.788 ng
RT: 7.613 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

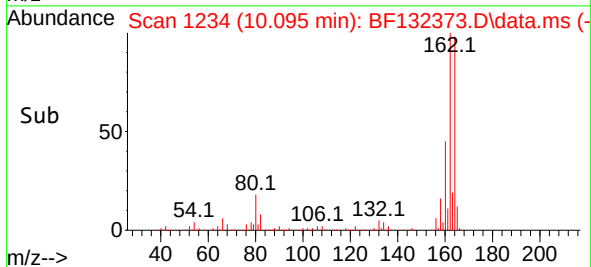
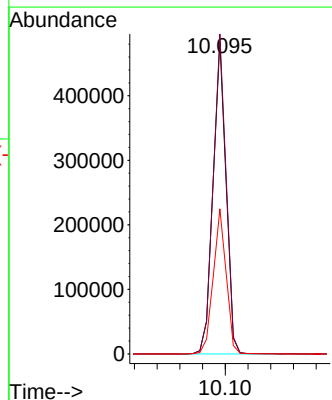
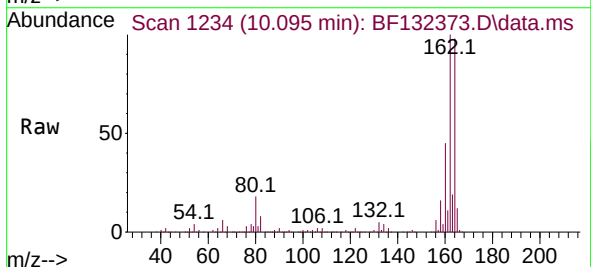
Instrument :
BNA_F
ClientSampleId :
PB150738BL

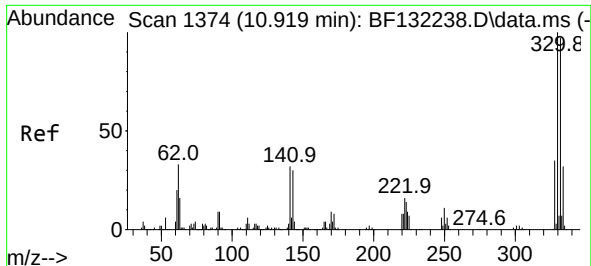
Tgt Ion: 82 Resp: 1005601
Ion Ratio Lower Upper
82 100
128 52.4 37.0 55.4
54 37.7 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Tgt Ion:164 Resp: 385579
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 46.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 145.358 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132373.D

Acq: 09 Feb 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB150738BL

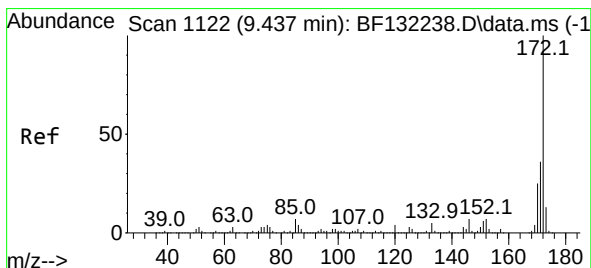
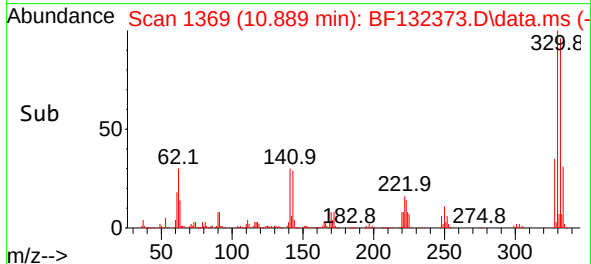
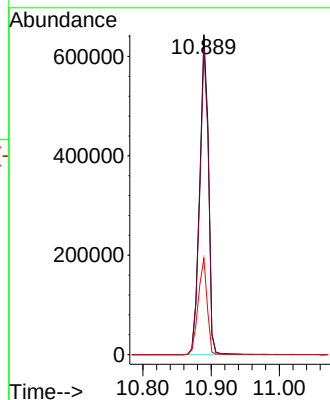
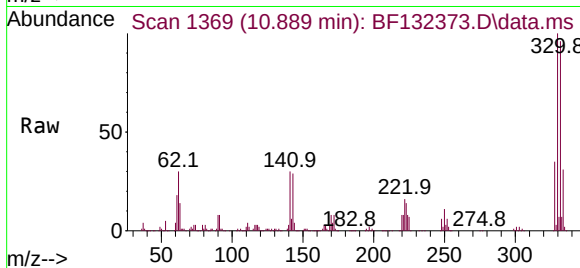
Tgt Ion:330 Resp: 576366

Ion Ratio Lower Upper

330 100

332 95.6 77.9 116.9

141 30.6 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 77.935 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132373.D

Acq: 09 Feb 2023 10:49

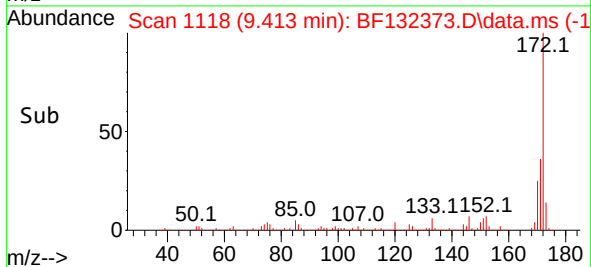
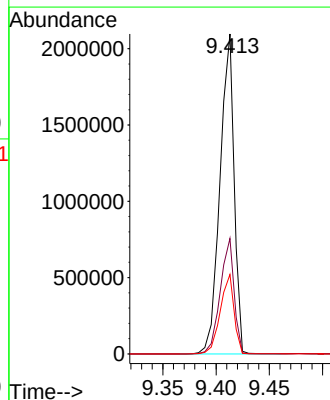
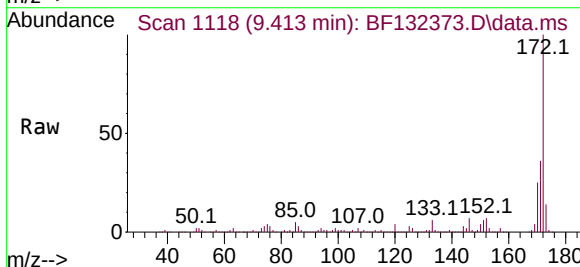
Tgt Ion:172 Resp: 1945938

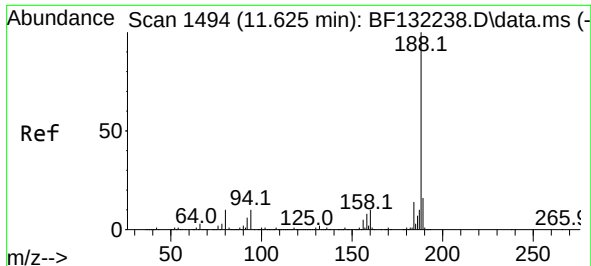
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.8 19.7 29.5

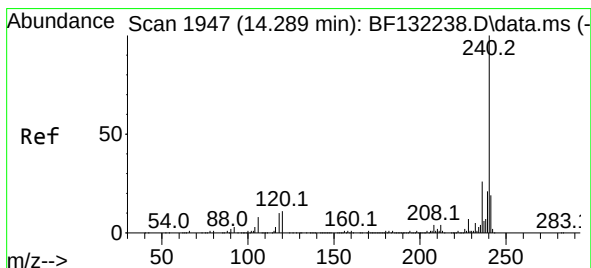
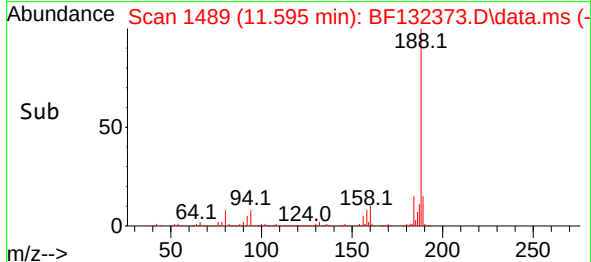
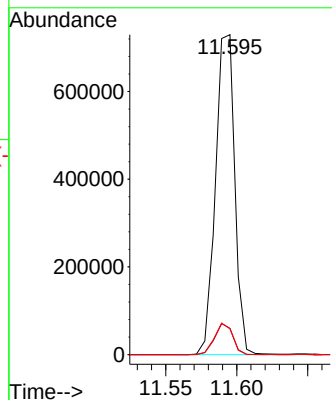
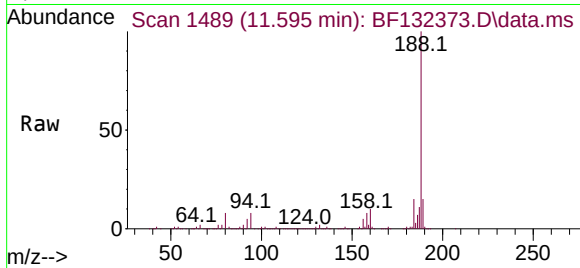




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

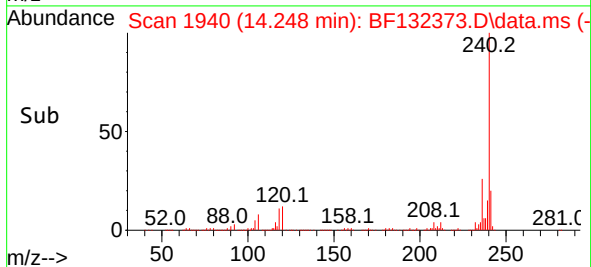
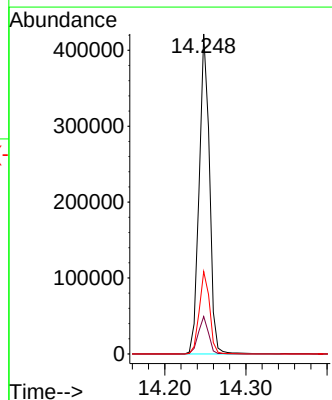
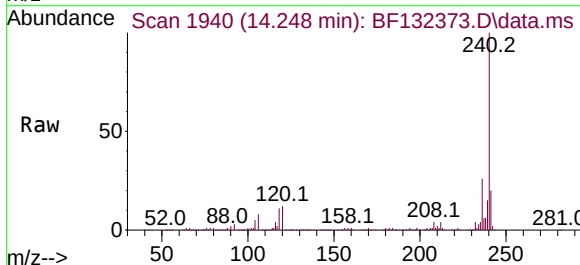
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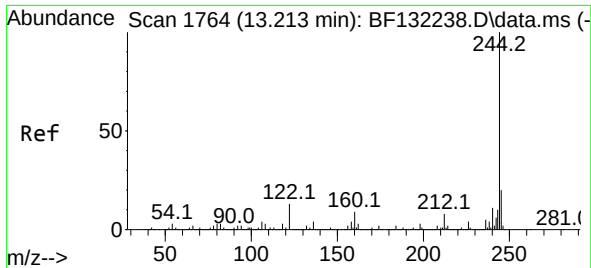
Tgt Ion:188 Resp: 688839
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 8.0 8.3 12.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Tgt Ion:240 Resp: 369706
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 25.7 21.0 31.6

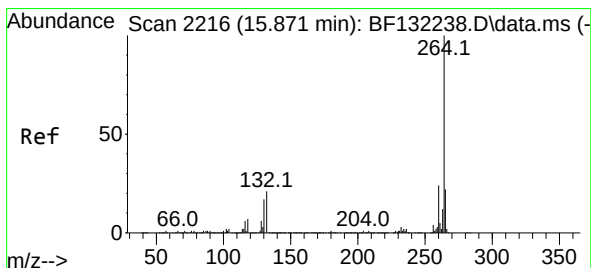
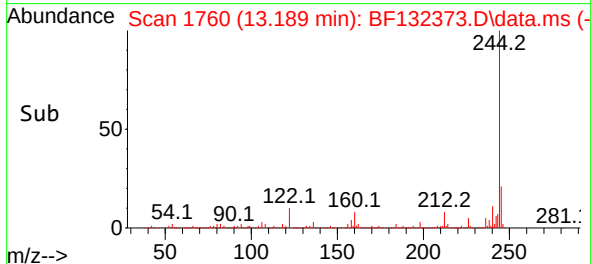
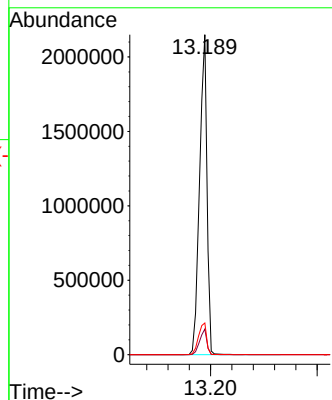
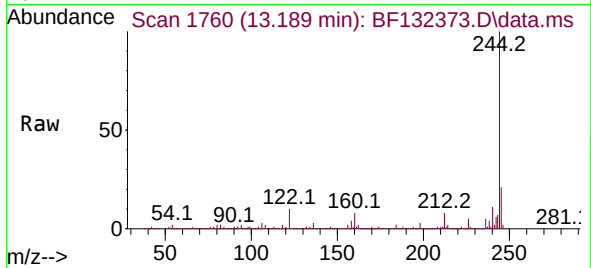




#79
 Terphenyl-d14
 Concen: 108.297 ng
 RT: 13.189 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132373.D
 Acq: 09 Feb 2023 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB150738BL

Tgt Ion:244 Resp: 2069785
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 9.9 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132373.D
 Acq: 09 Feb 2023 10:49

Tgt Ion:264 Resp: 305775
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.7 17.4 26.2

