

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132264.D
 Acq On : 01 Feb 2023 17:20
 Operator : CG\JU
 Sample : 01358-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-3-012723

Quant Time: Feb 02 00:55:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	177215	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	679426	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	346394	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	651175	20.000	ng	0.00
76) Chrysene-d12	14.277	240	397236	20.000	ng	-0.01
86) Perylene-d12	15.865	264	337701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1280490	116.145	ng	0.02
7) Phenol-d6	6.684	99	1466811	107.915	ng	0.00
23) Nitrobenzene-d5	7.631	82	1031017	84.444	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	524175	147.150	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1756111	78.289	ng	0.00
79) Terphenyl-d14	13.213	244	2121097	103.290	ng	0.00

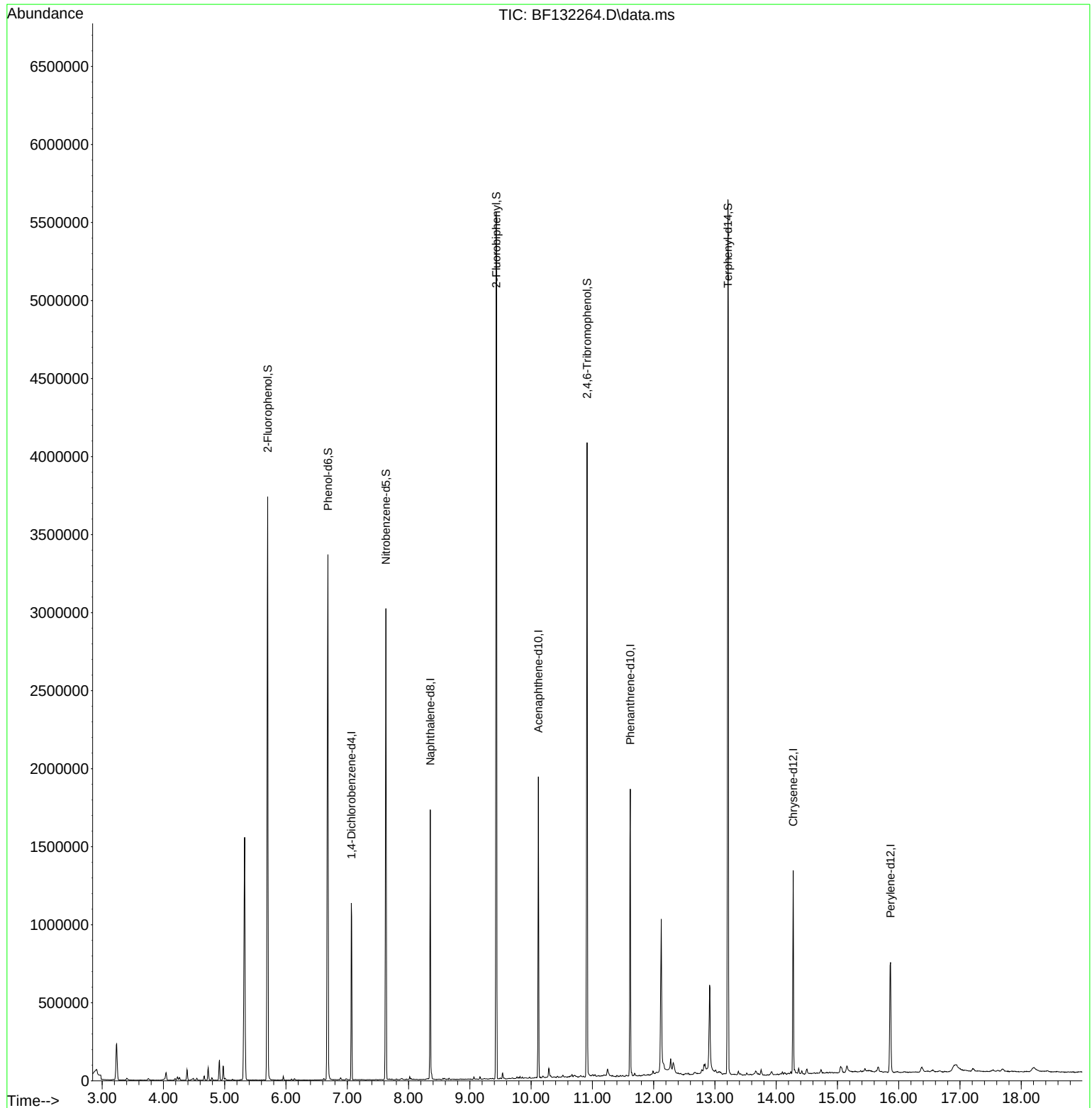
Target Compounds	Qvalue

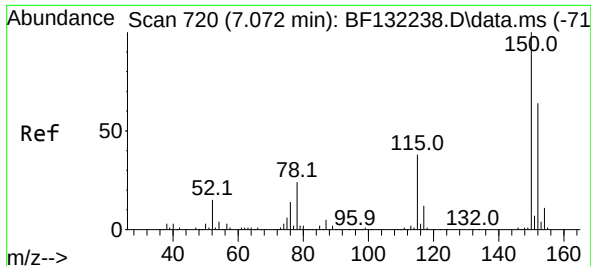
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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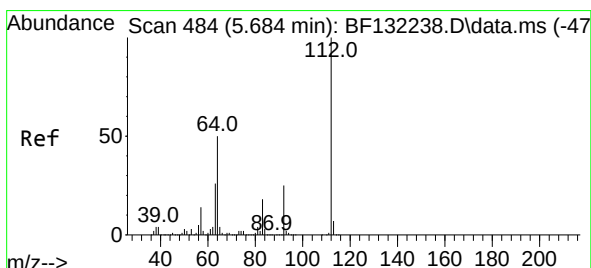
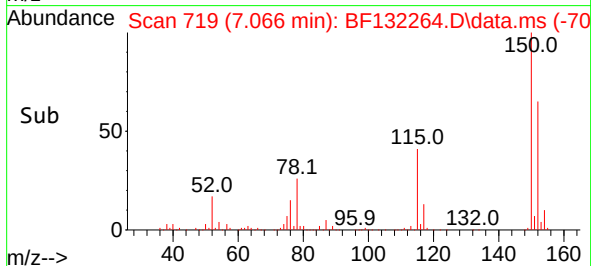
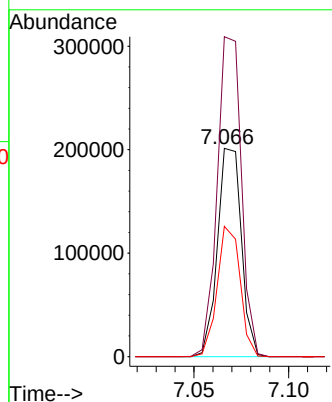
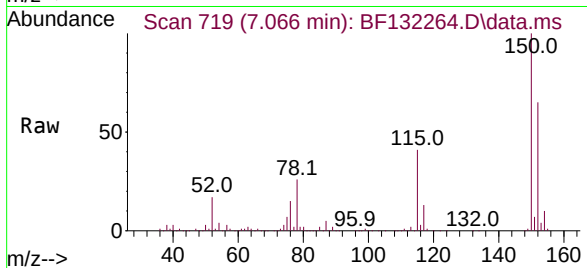




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132264.D
 Acq: 01 Feb 2023 17:20

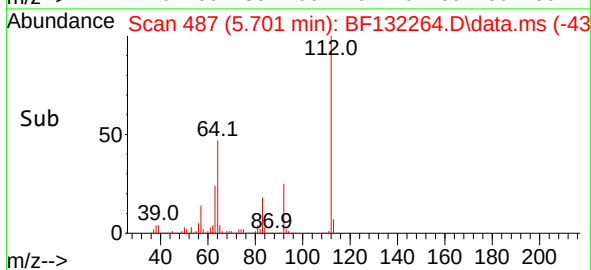
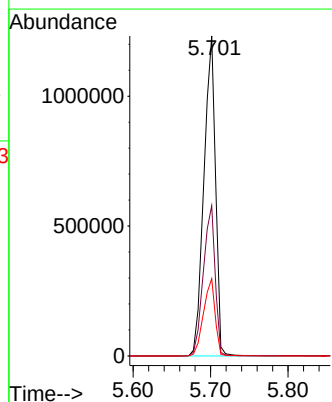
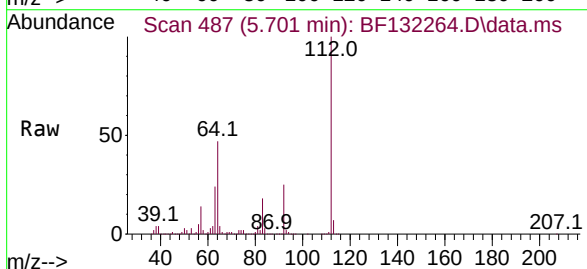
Instrument :
 BNA_F
 ClientSampleId :
 JC-3-012723

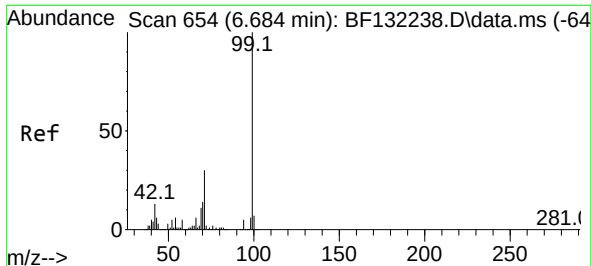
Tgt Ion:152 Resp: 177215
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.2 186.2
 115 62.6 47.3 70.9



#5
 2-Fluorophenol
 Concen: 116.145 ng
 RT: 5.701 min Scan# 487
 Delta R.T. 0.018 min
 Lab File: BF132264.D
 Acq: 01 Feb 2023 17:20

Tgt Ion:112 Resp: 1280490
 Ion Ratio Lower Upper
 112 100
 64 46.9 40.0 60.0
 63 24.1 20.5 30.7

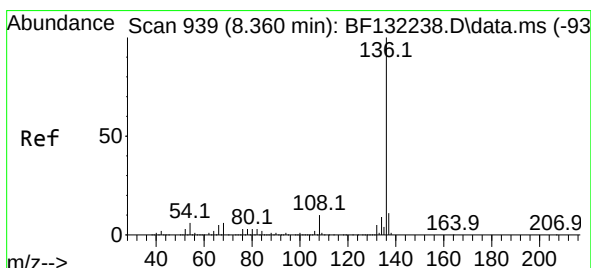
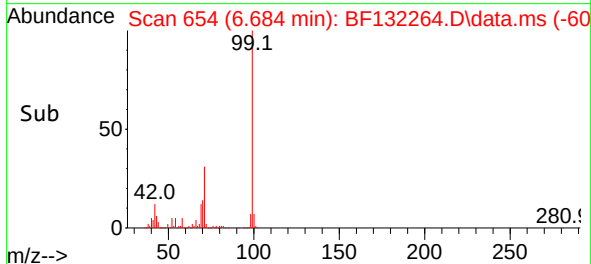
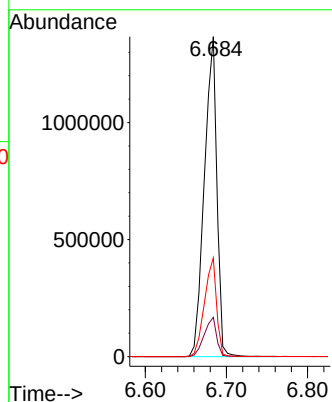
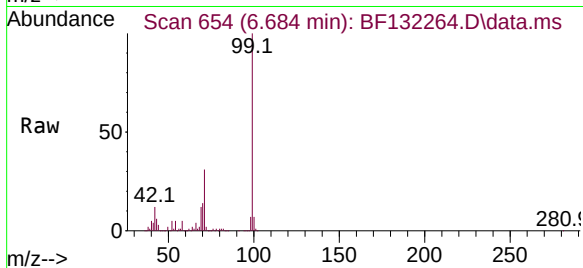




#7
Phenol-d6
Concen: 107.915 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

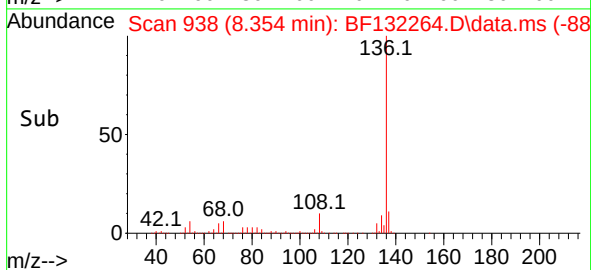
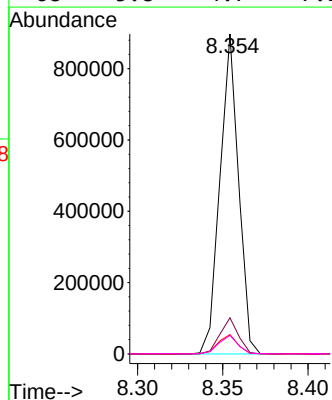
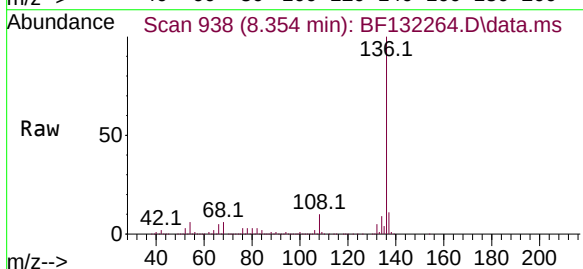
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

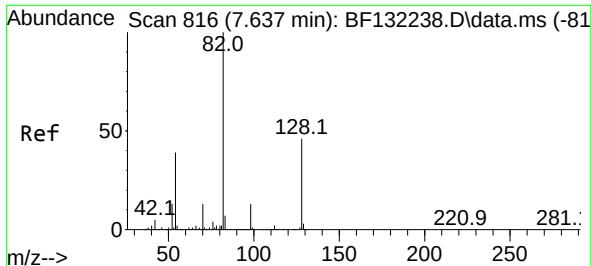
Tgt Ion: 99 Resp: 1466811
Ion Ratio Lower Upper
99 100
42 12.3 10.1 15.1
71 30.9 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:136 Resp: 679426
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.0 4.9 7.3
68 5.8 4.7 7.1

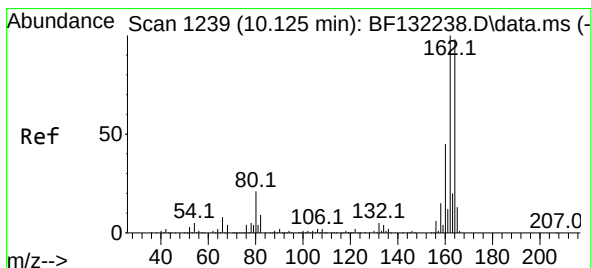
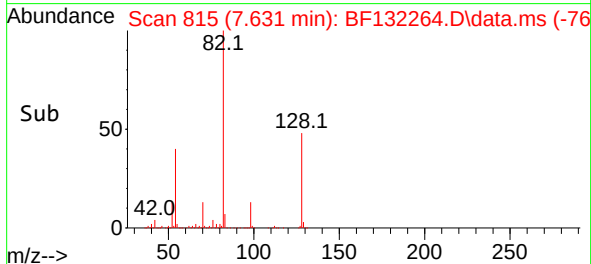
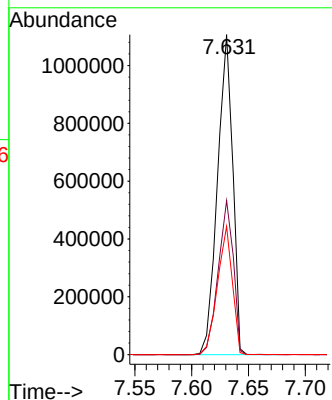
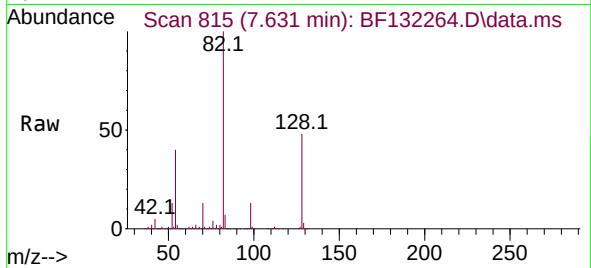




#23
Nitrobenzene-d5
Concen: 84.444 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

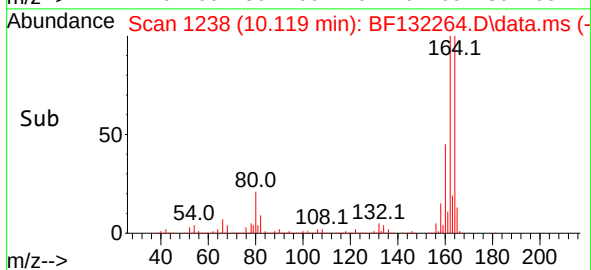
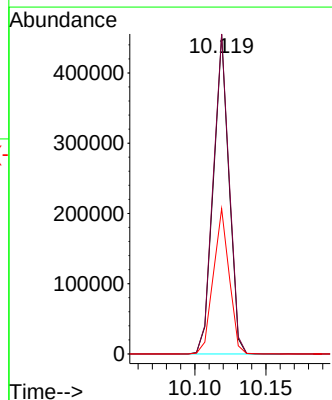
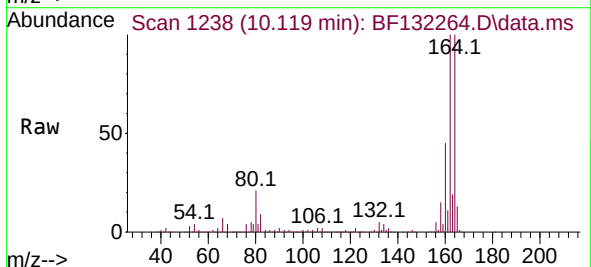
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

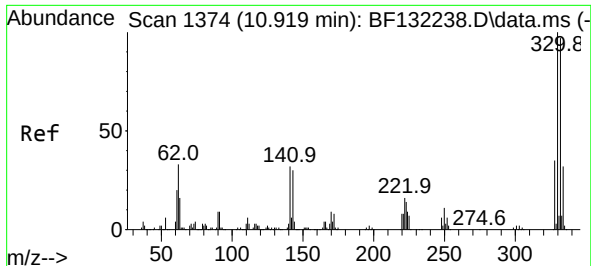
Tgt Ion: 82 Resp: 1031017
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 40.1 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:164 Resp: 346394
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 45.5 37.1 55.7

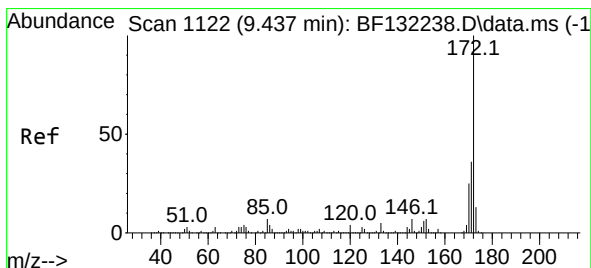
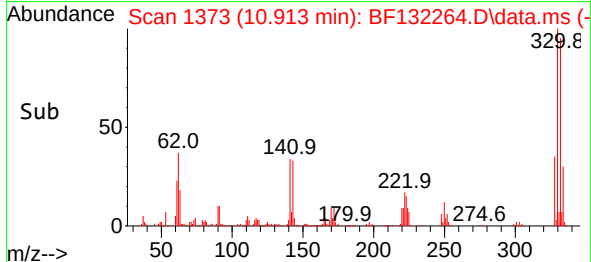
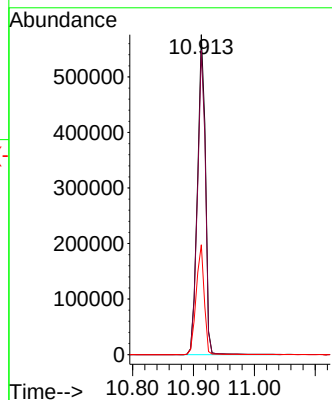
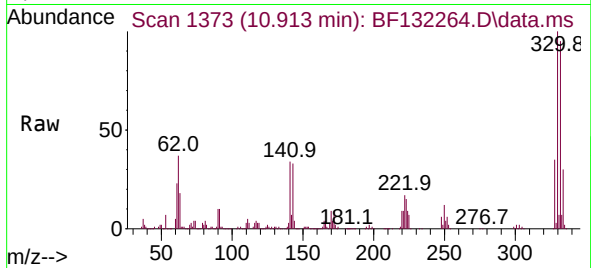




#42
2,4,6-Tribromophenol
Concen: 147.150 ng
RT: 10.913 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

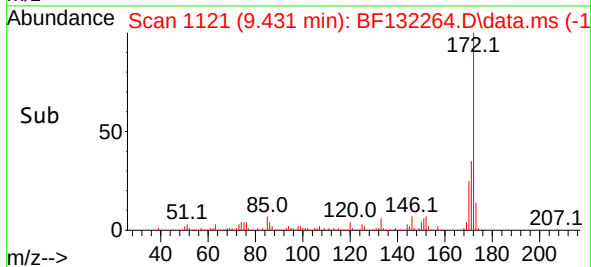
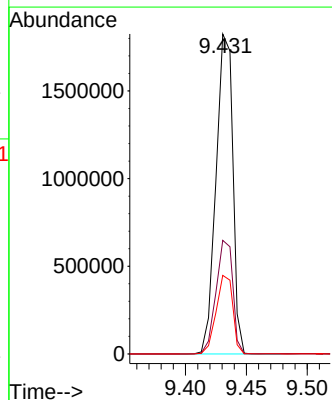
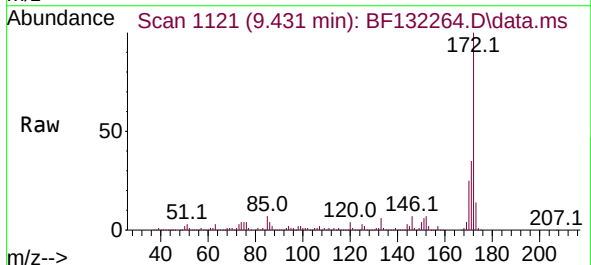
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ClientSampleId :
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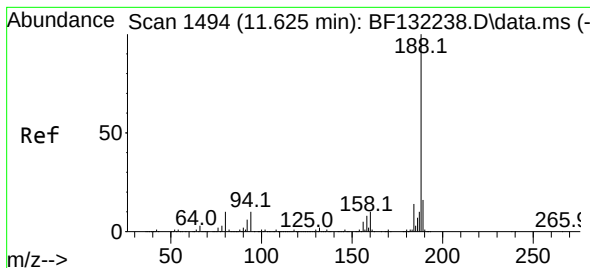
Tgt Ion:330 Resp: 524175
Ion Ratio Lower Upper
330 100
332 95.4 77.9 116.9
141 34.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 78.289 ng
RT: 9.431 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:172 Resp: 1756111
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.5 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF132264.D

Acq: 01 Feb 2023 17:20

Instrument :

BNA_F

ClientSampleId :

JC-3-012723

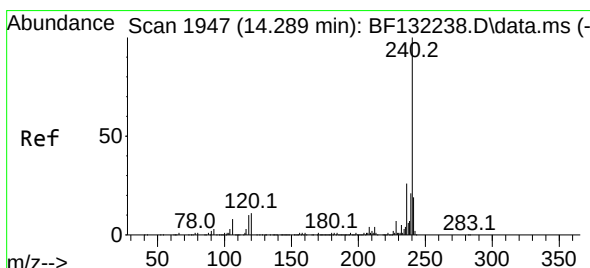
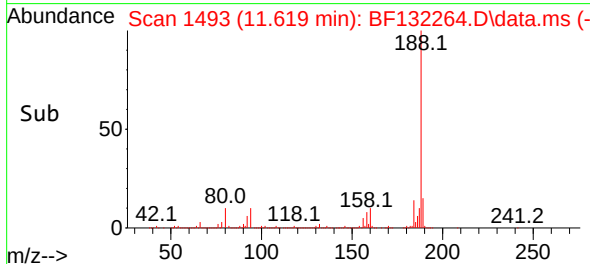
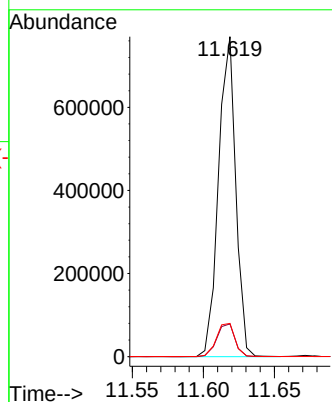
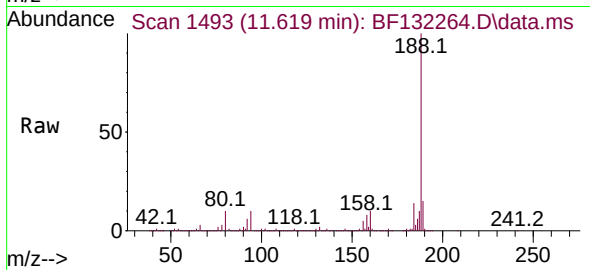
Tgt Ion:188 Resp: 651175

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 10.4 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.277 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BF132264.D

Acq: 01 Feb 2023 17:20

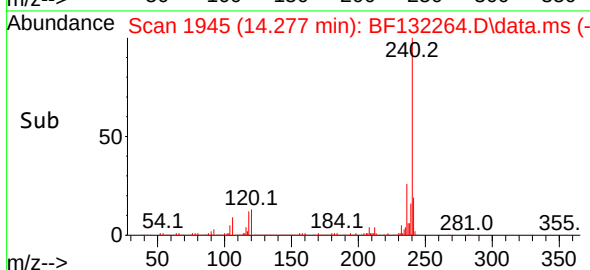
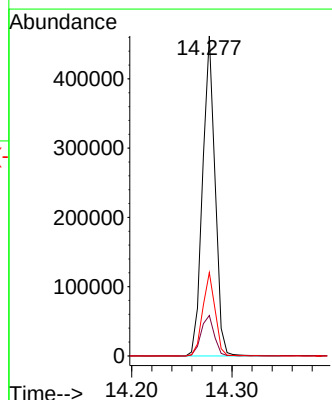
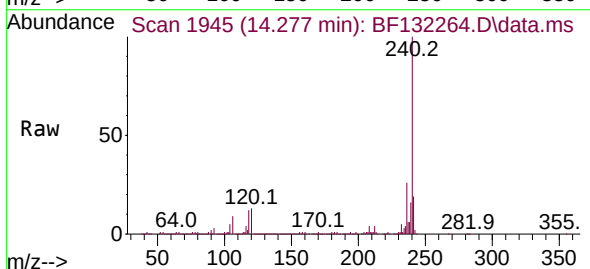
Tgt Ion:240 Resp: 397236

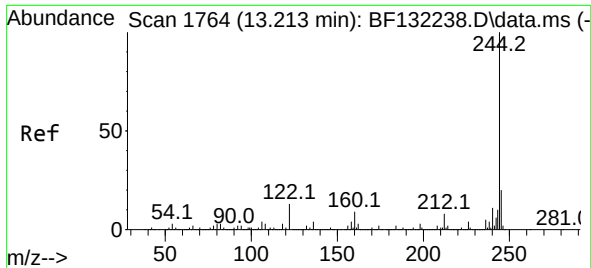
Ion Ratio Lower Upper

240 100

120 12.6 8.8 13.2

236 26.0 21.0 31.6

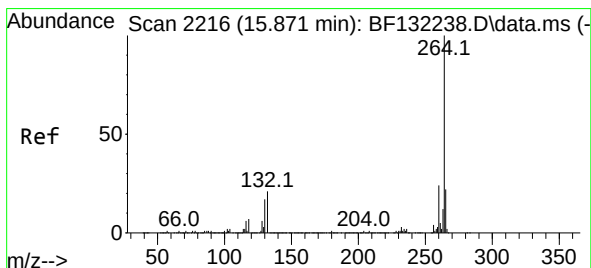
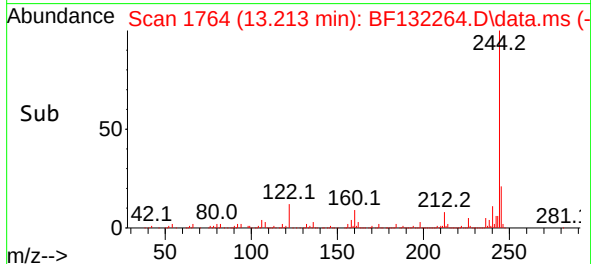
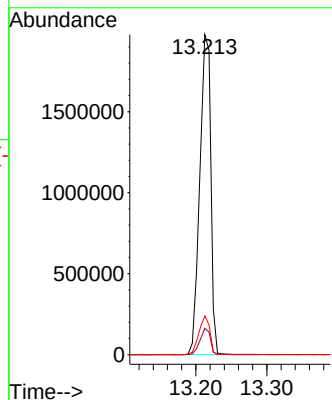
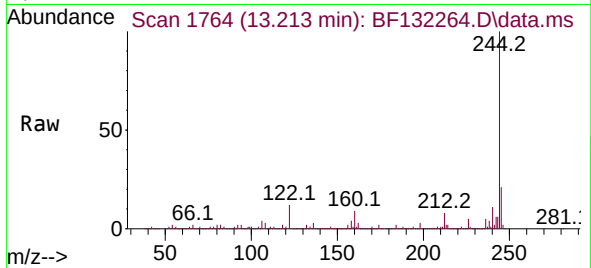




#79
 Terphenyl-d14
 Concen: 103.290 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132264.D
 Acq: 01 Feb 2023 17:20

Instrument :
 BNA_F
 ClientSampleId :
 JC-3-012723

Tgt Ion:244 Resp: 2121097
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 12.1 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132264.D
 Acq: 01 Feb 2023 17:20

Tgt Ion:264 Resp: 337701
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.2 17.4 26.2

