

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131578.D
 Acq On : 09 Dec 2022 21:21
 Operator : CG\JU
 Sample : N5963-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-1195-08

Quant Time: Dec 10 04:05:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	67087	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	243610	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	140948	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	255057	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	138628	20.000	ng	0.00
86) Perylene-d12	15.616	264	127710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	447815	111.360	ng	0.02
7) Phenol-d6	6.540	99	590600	112.076	ng	0.00
23) Nitrobenzene-d5	7.475	82	424975	65.954	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	159677	101.966	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	786861	70.390	ng	0.00
79) Terphenyl-d14	13.051	244	752100	74.403	ng	0.00

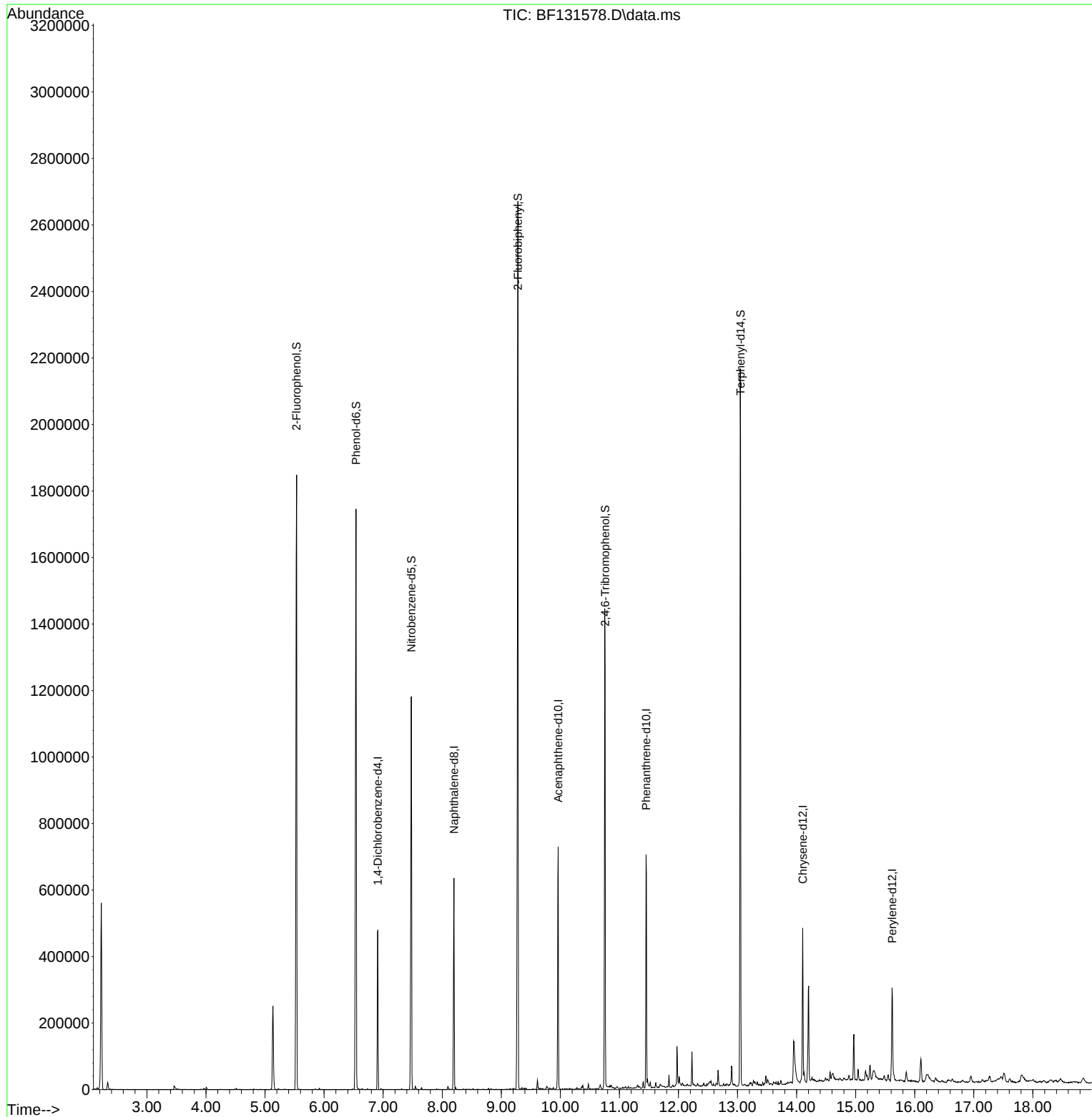
Target Compounds	Qvalue

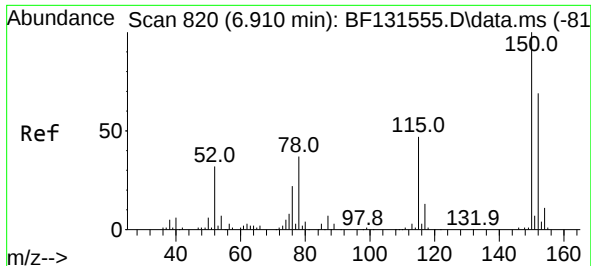
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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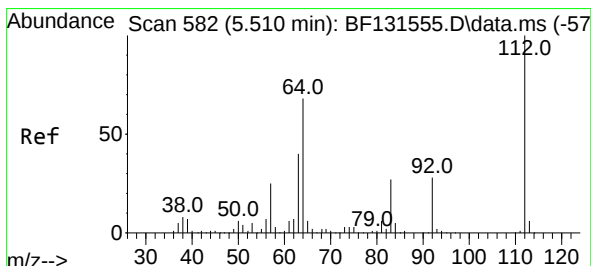
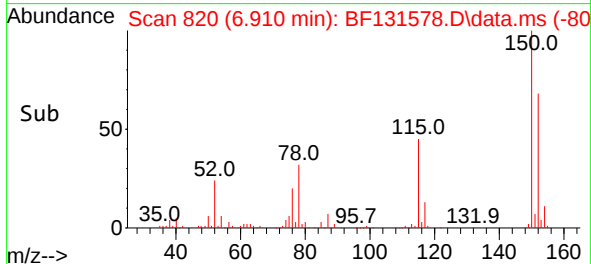
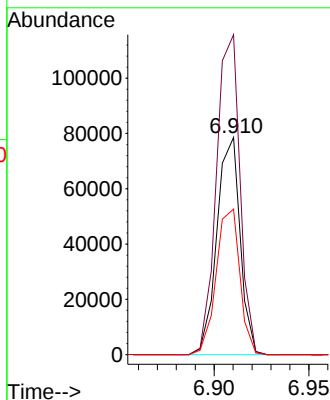
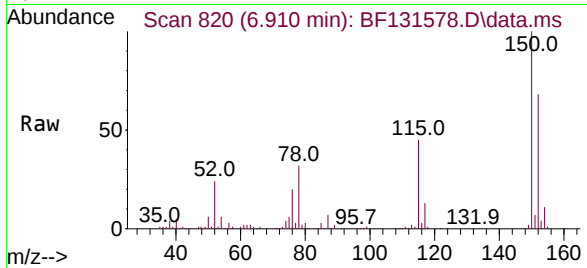




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

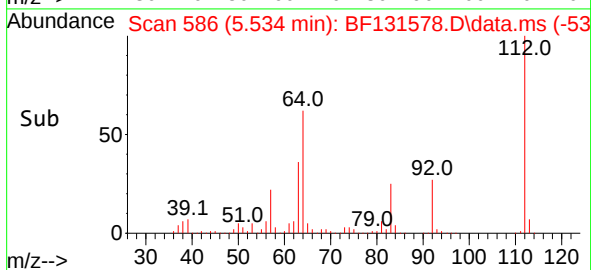
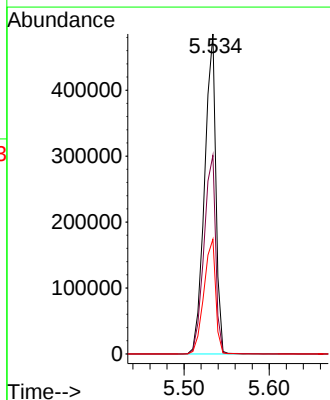
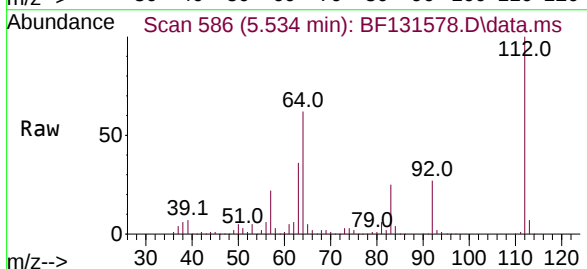
Instrument :
BNA_F
ClientSampleId :
72-1195-08

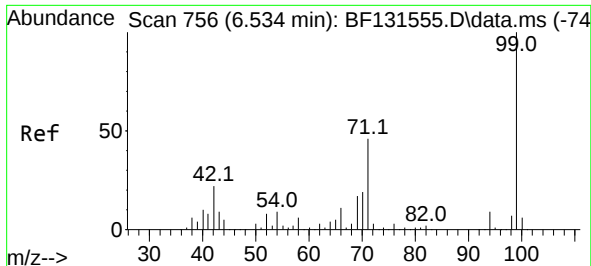
Tgt Ion:152 Resp: 67087
Ion Ratio Lower Upper
152 100
150 147.4 116.7 175.1
115 67.0 54.6 82.0



#5
2-Fluorophenol
Concen: 111.360 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion:112 Resp: 447815
Ion Ratio Lower Upper
112 100
64 62.0 54.5 81.7
63 35.8 31.9 47.9

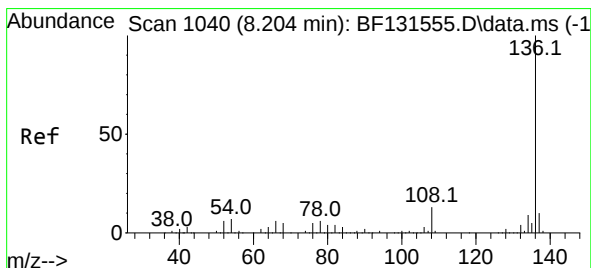
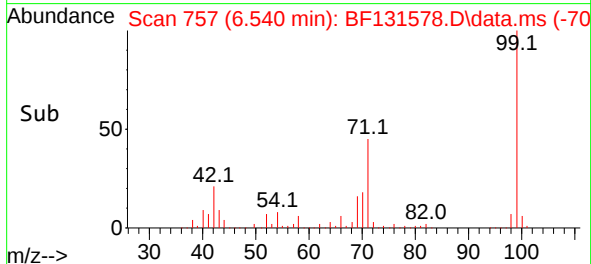
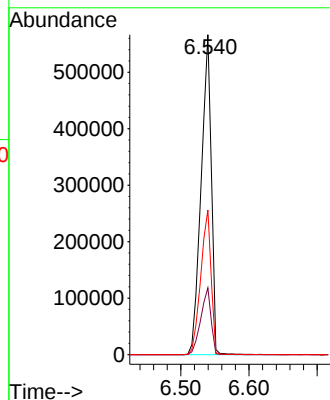
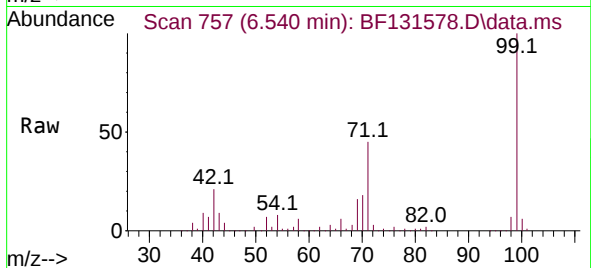




#7
Phenol-d6
Concen: 112.076 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

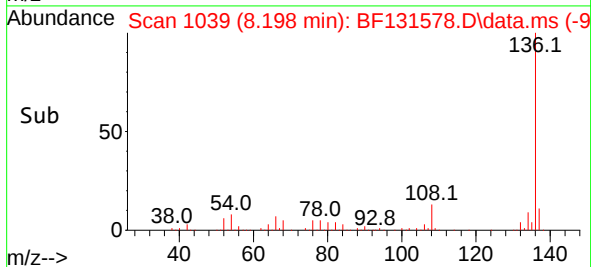
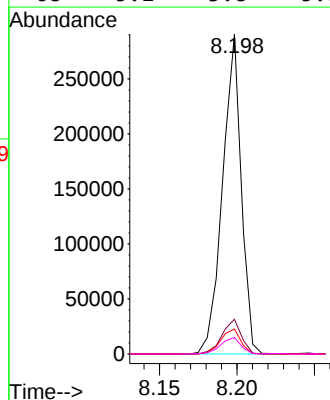
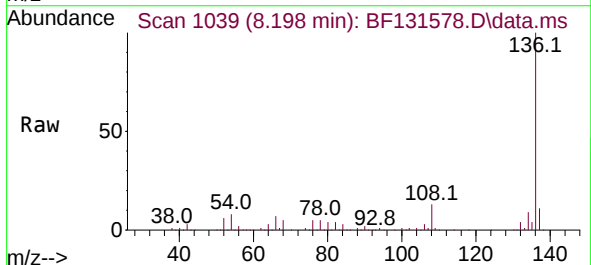
Instrument :
BNA_F
ClientSampleId :
72-1195-08

Tgt Ion: 99 Resp: 590600
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 45.2 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion: 136 Resp: 243610
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.8 6.0 9.0
68 5.1 3.8 5.8





#23

Nitrobenzene-d5

Concen: 65.954 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Instrument :

BNA_F

ClientSampleId :

72-1195-08

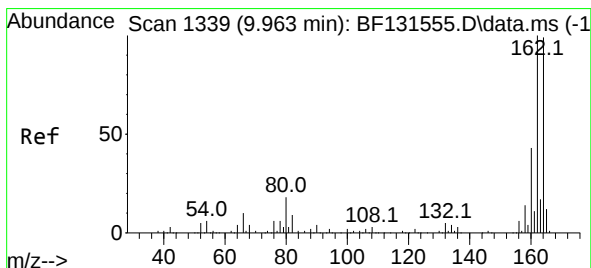
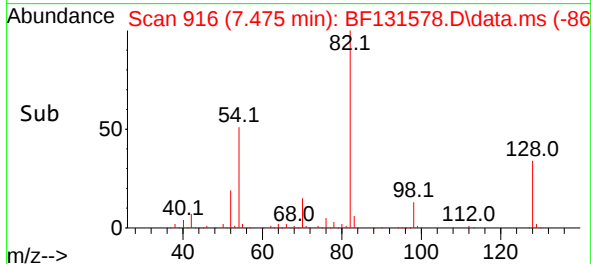
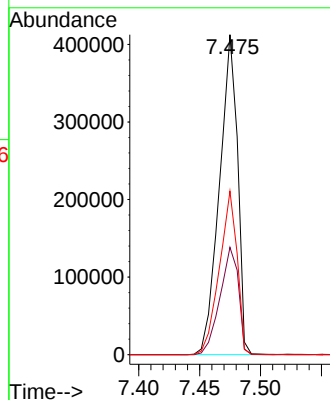
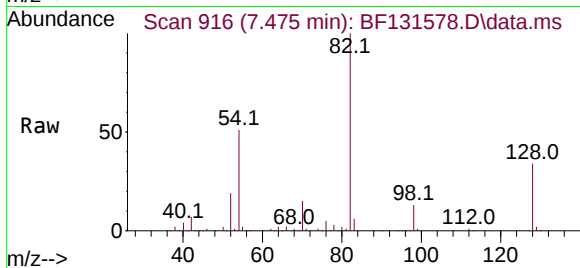
Tgt Ion: 82 Resp: 424975

Ion Ratio Lower Upper

82 100

128 33.5 26.1 39.1

54 51.1 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

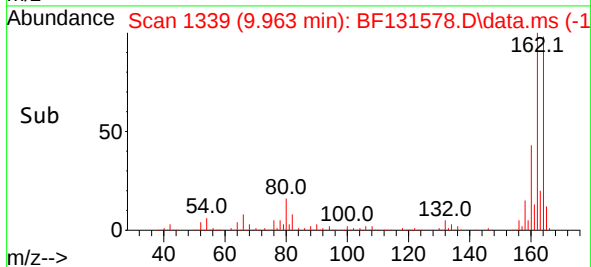
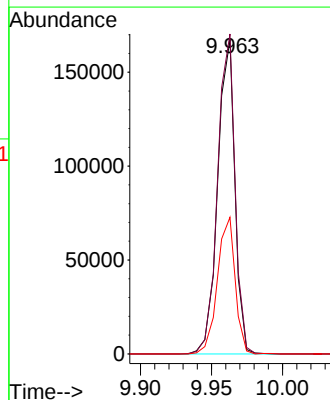
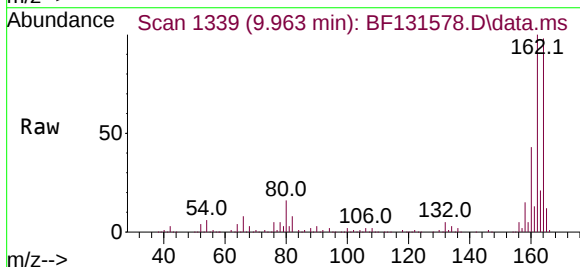
Tgt Ion:164 Resp: 140948

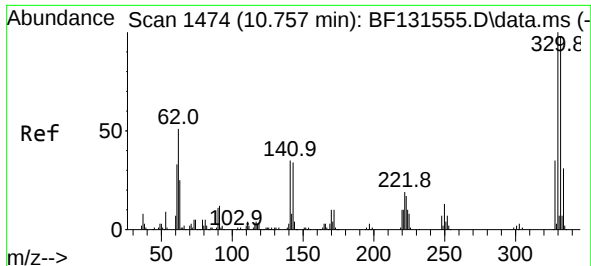
Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.6

160 43.5 35.0 52.6

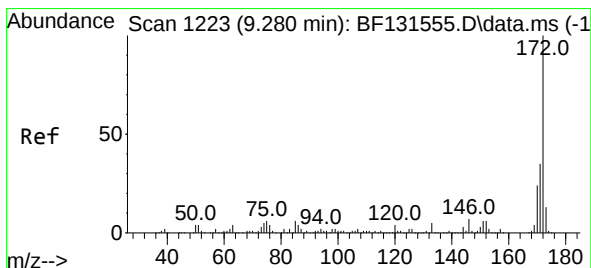
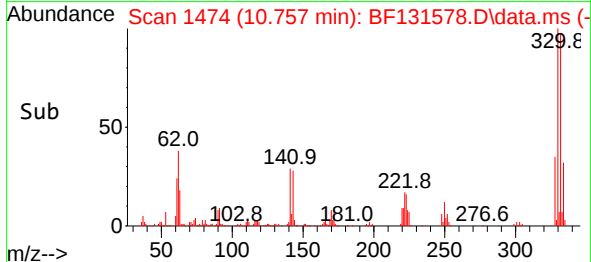
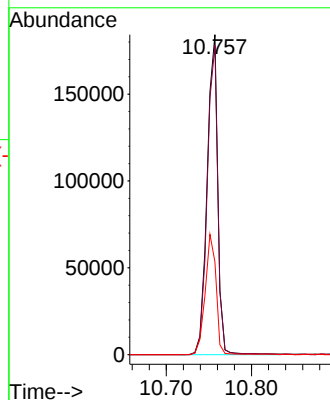
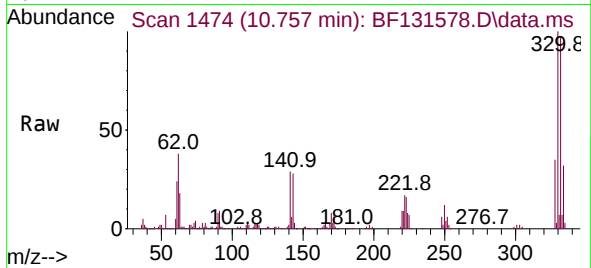




#42
 2,4,6-Tribromophenol
 Concen: 101.966 ng
 RT: 10.757 min Scan# 1474
 Delta R.T. 0.000 min
 Lab File: BF131578.D
 Acq: 09 Dec 2022 21:21

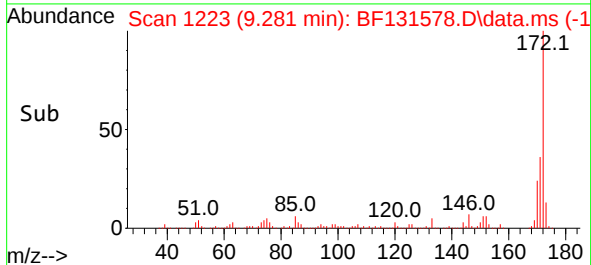
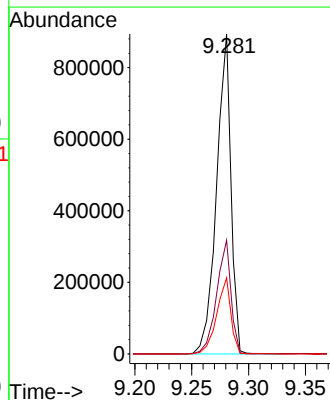
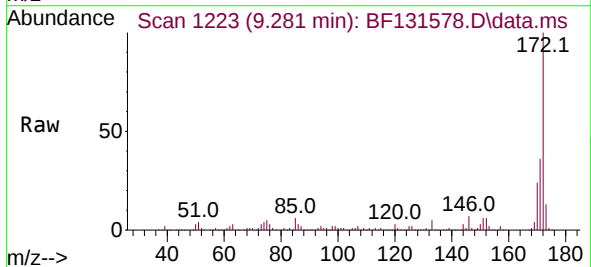
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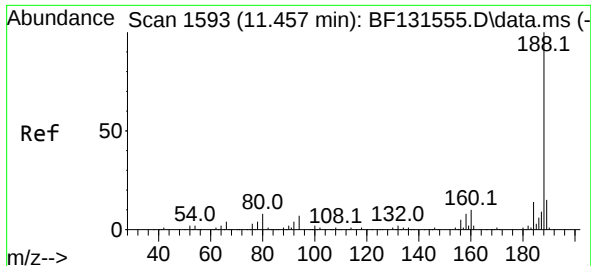
Tgt Ion: 330 Resp: 159677
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.3 117.5
 141 38.4 32.6 49.0



#45
 2-Fluorobiphenyl
 Concen: 70.390 ng
 RT: 9.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BF131578.D
 Acq: 09 Dec 2022 21:21

Tgt Ion: 172 Resp: 786861
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.8 19.3 28.9

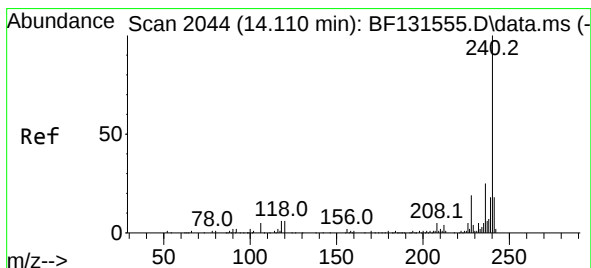
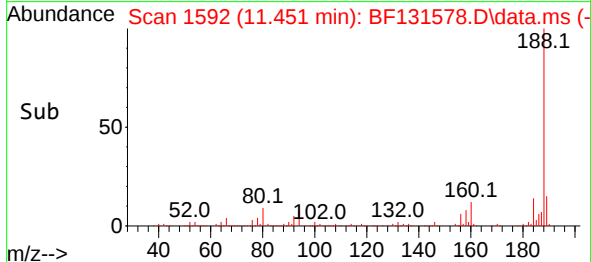
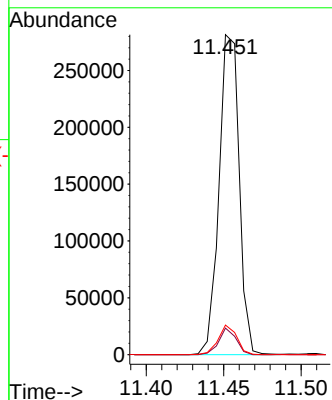
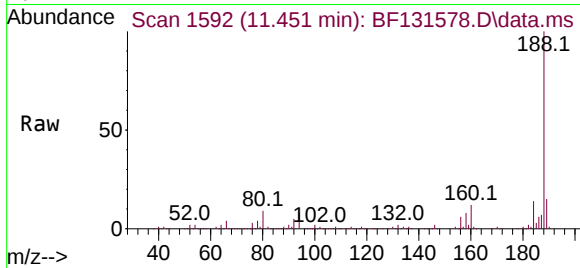




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

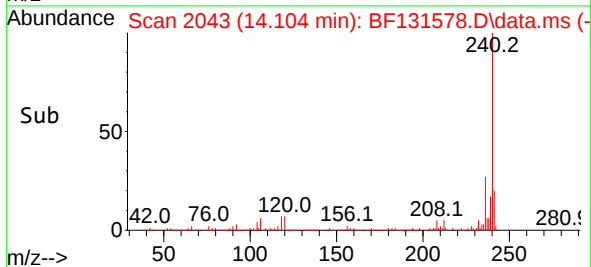
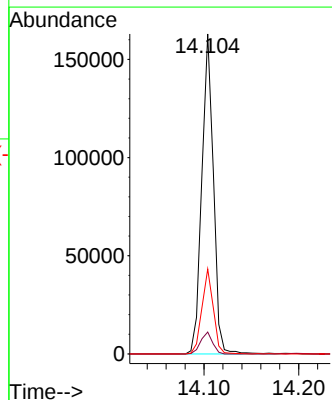
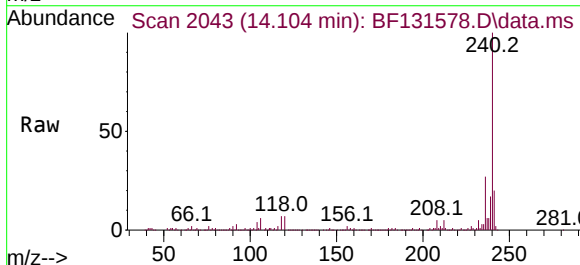
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BNA_F
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72-1195-08

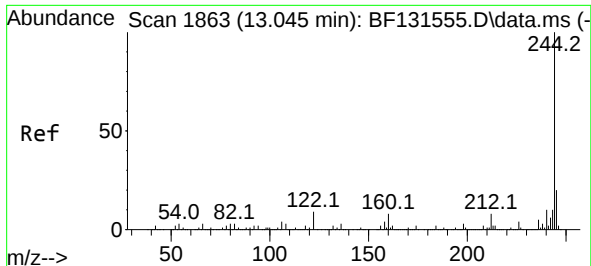
Tgt Ion:188 Resp: 255057
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3#
80 9.2 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion:240 Resp: 138628
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 26.5 20.2 30.2

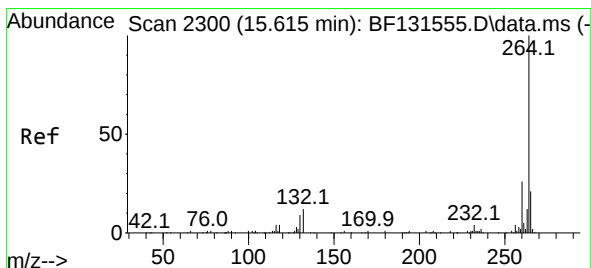
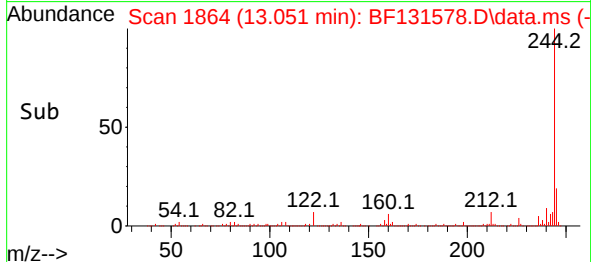
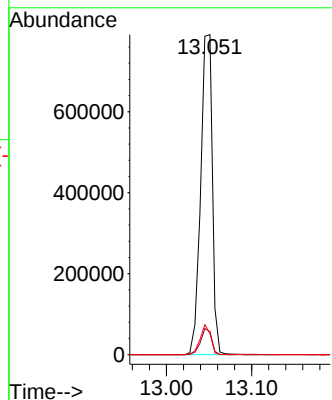
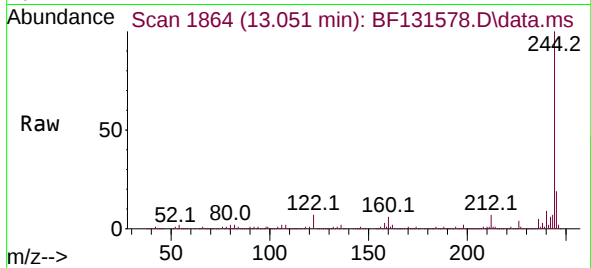




#79
 Terphenyl-d14
 Concen: 74.403 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131578.D
 Acq: 09 Dec 2022 21:21

Instrument :
 BNA_F
 ClientSampleId :
 72-1195-08

Tgt Ion:244 Resp: 752100
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.616 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: BF131578.D
 Acq: 09 Dec 2022 21:21

Tgt Ion:264 Resp: 127710
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.6 30.8
 265 21.6 16.8 25.2

