

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131625.D
 Acq On : 13 Dec 2022 22:00
 Operator : CG\JU
 Sample : N5993-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-S5

Quant Time: Dec 14 03:36:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52370	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	186710	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	103678	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	205420	20.000	ng	0.00
76) Chrysene-d12	14.080	240	138820	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	110198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	354737	113.004	ng	0.00
7) Phenol-d6	6.516	99	459634	111.734	ng	0.00
23) Nitrobenzene-d5	7.445	82	319710	64.738	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	111185	96.524	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	549585	66.837	ng	0.00
79) Terphenyl-d14	13.021	244	689330	68.099	ng	0.00

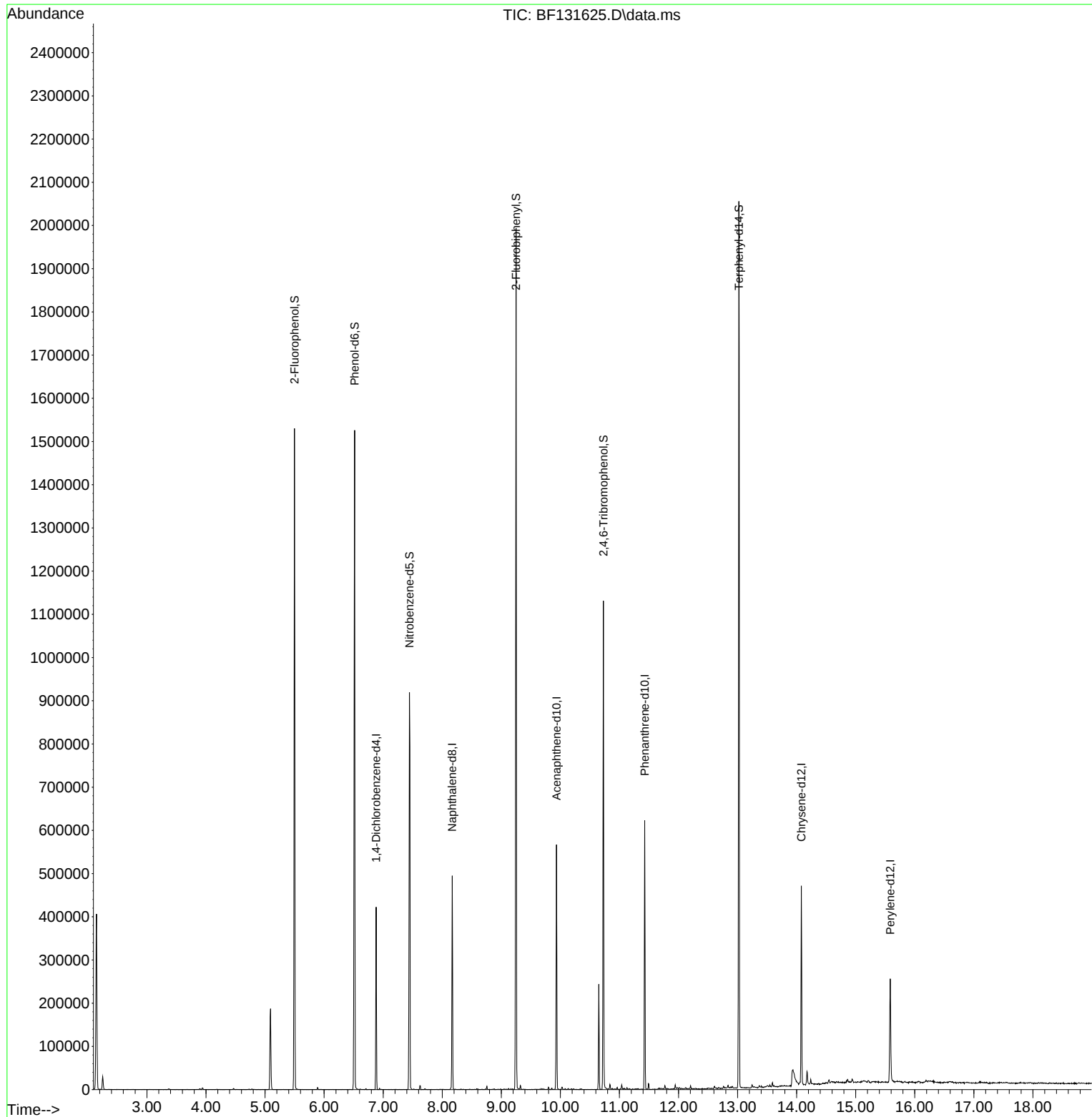
Target Compounds Qvalue

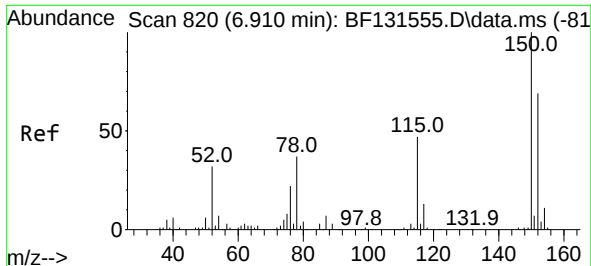
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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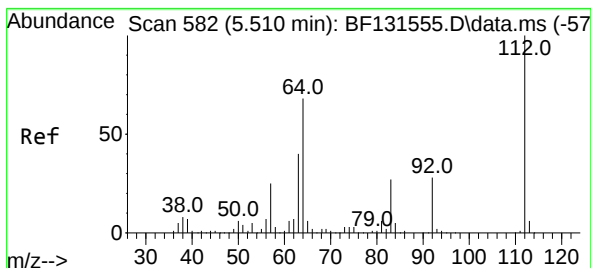
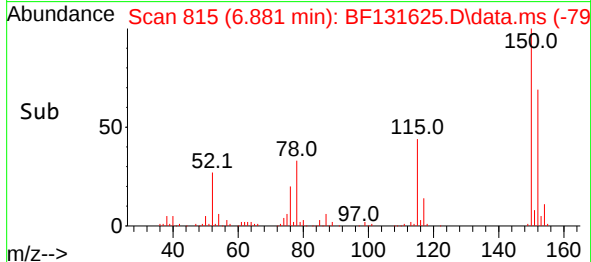
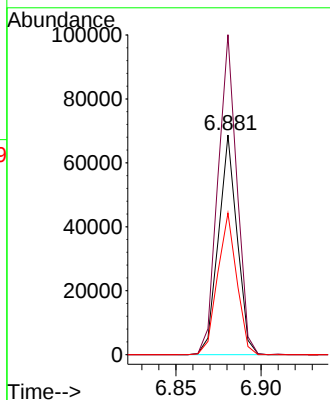
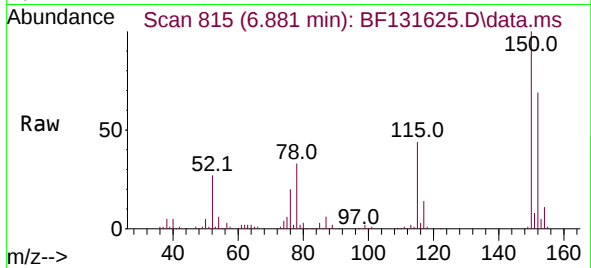




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131625.D
 Acq: 13 Dec 2022 22:00

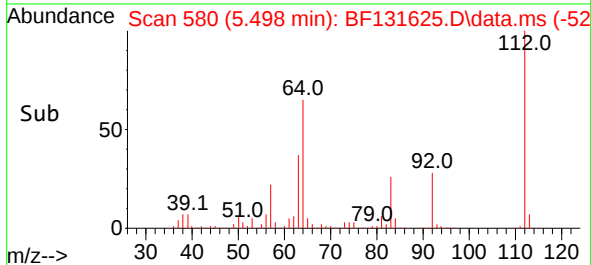
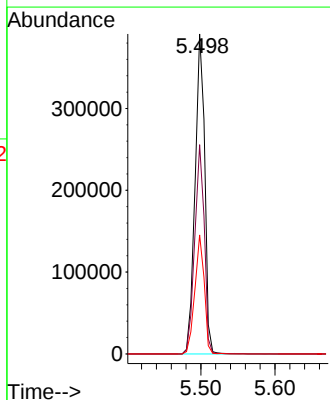
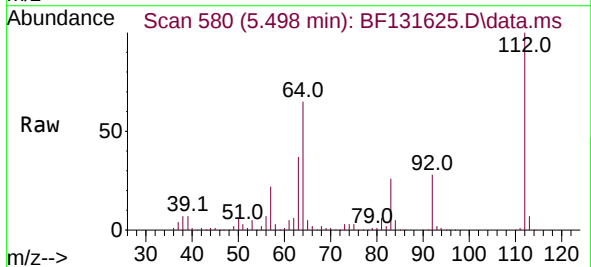
Instrument :
 BNA_F
 ClientSampleId :
 AOC1-S5

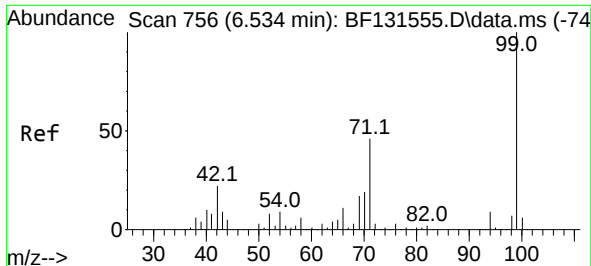
Tgt Ion:152 Resp: 52370
 Ion Ratio Lower Upper
 152 100
 150 145.7 116.7 175.1
 115 64.4 54.6 82.0



#5
 2-Fluorophenol
 Concen: 113.004 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: BF131625.D
 Acq: 13 Dec 2022 22:00

Tgt Ion:112 Resp: 354737
 Ion Ratio Lower Upper
 112 100
 64 65.4 54.5 81.7
 63 37.2 31.9 47.9

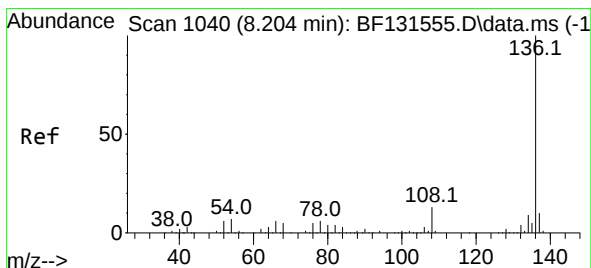
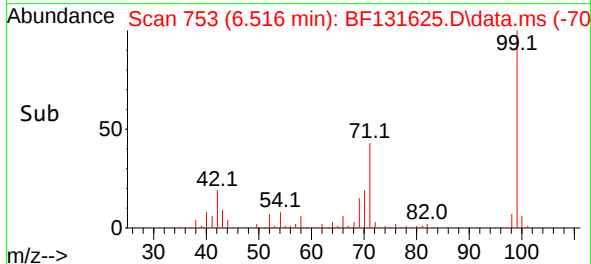
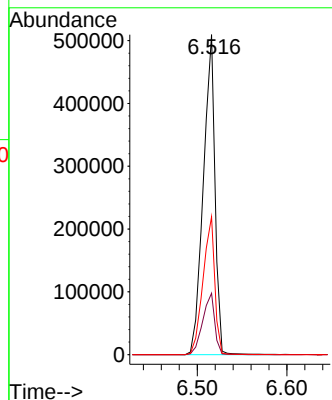
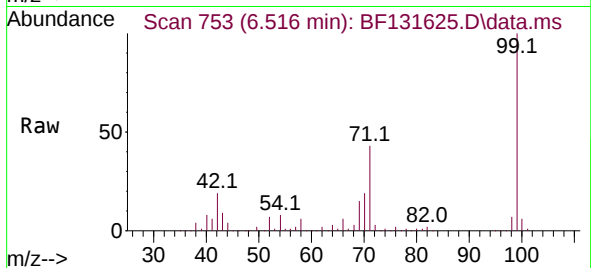




#7
Phenol-d6
Concen: 111.734 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

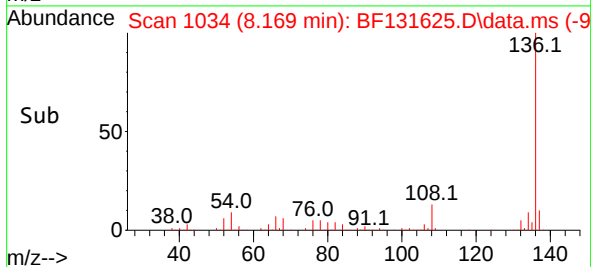
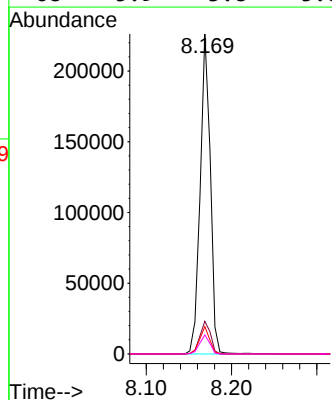
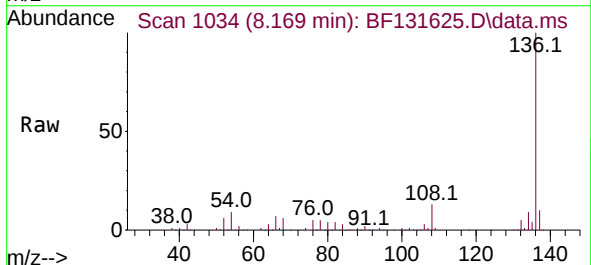
Instrument :
BNA_F
ClientSampleId :
AOC1-S5

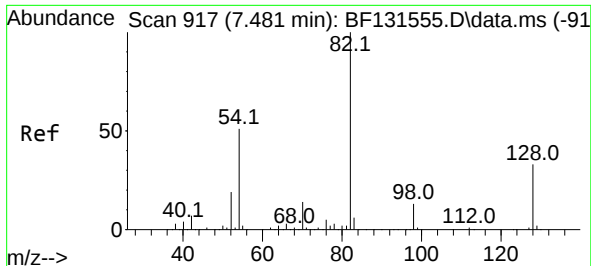
Tgt Ion: 99 Resp: 459634
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 43.1 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion: 136 Resp: 186710
Ion Ratio Lower Upper
136 100
137 10.2 8.1 12.1
54 8.5 6.0 9.0
68 5.9 3.8 5.8





#23

Nitrobenzene-d5

Concen: 64.738 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131625.D

Acq: 13 Dec 2022 22:00

Instrument :

BNA_F

ClientSampleId :

AOC1-S5

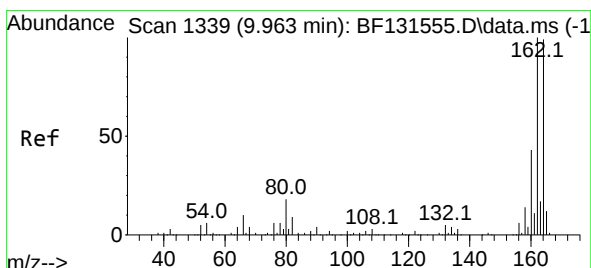
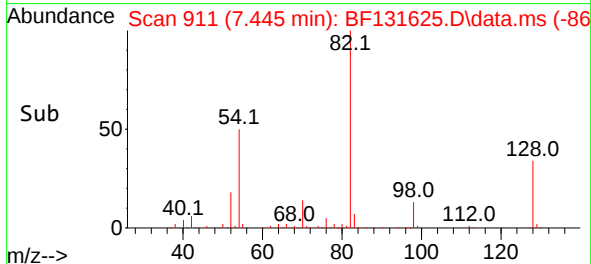
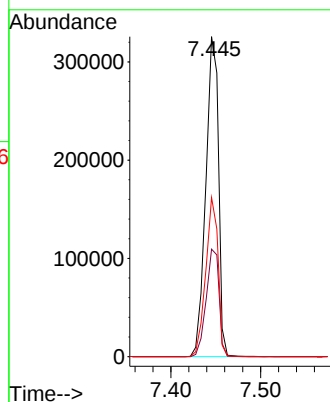
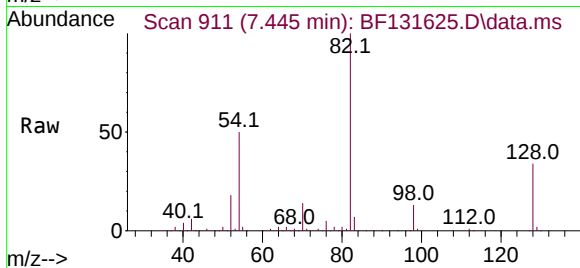
Tgt Ion: 82 Resp: 319710

Ion Ratio Lower Upper

82 100

128 33.6 26.1 39.1

54 49.7 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131625.D

Acq: 13 Dec 2022 22:00

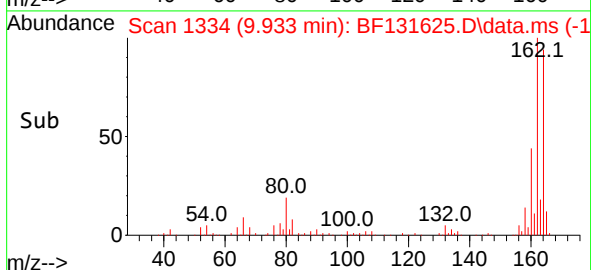
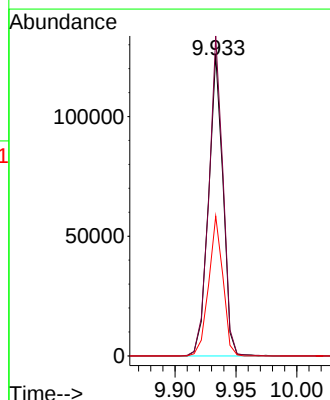
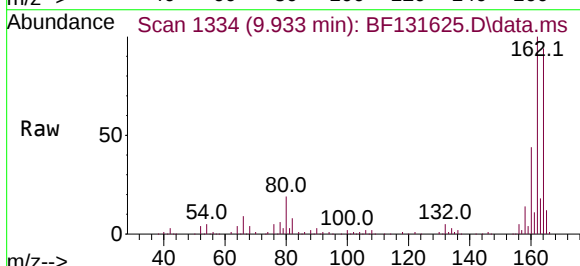
Tgt Ion:164 Resp: 103678

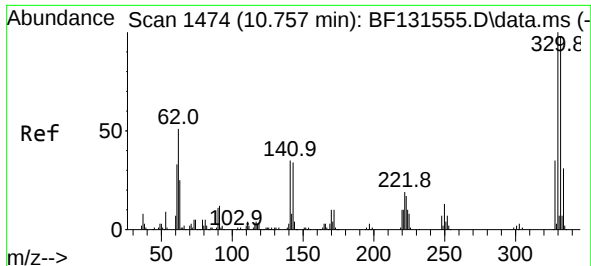
Ion Ratio Lower Upper

164 100

162 106.2 81.0 121.6

160 46.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 96.524 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131625.D

Acq: 13 Dec 2022 22:00

Instrument :

BNA_F

ClientSampleId :

AOC1-S5

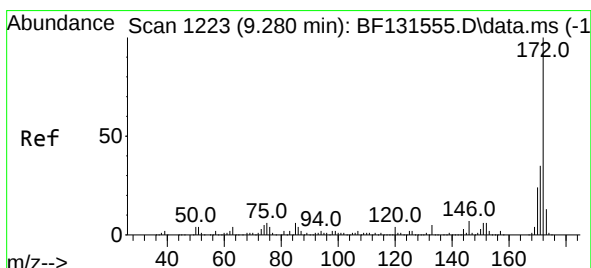
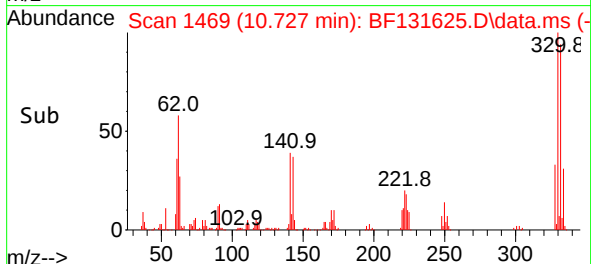
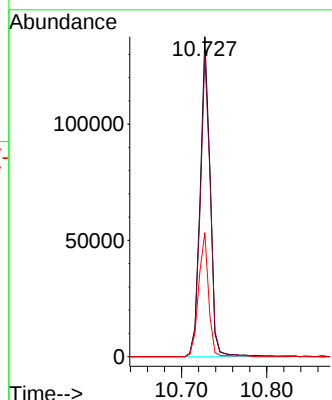
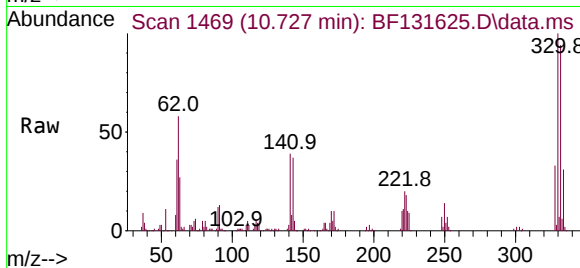
Tgt Ion:330 Resp: 111185

Ion Ratio Lower Upper

330 100

332 96.1 78.3 117.5

141 38.9 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 66.837 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131625.D

Acq: 13 Dec 2022 22:00

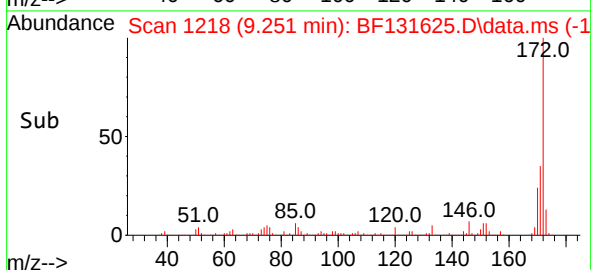
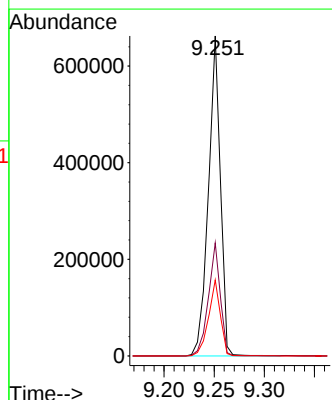
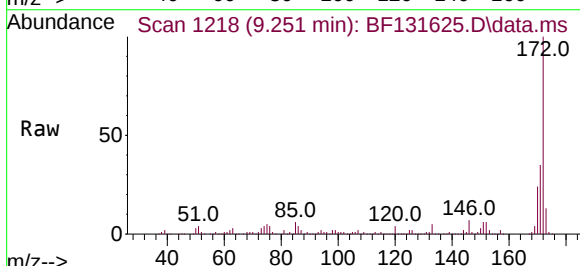
Tgt Ion:172 Resp: 549585

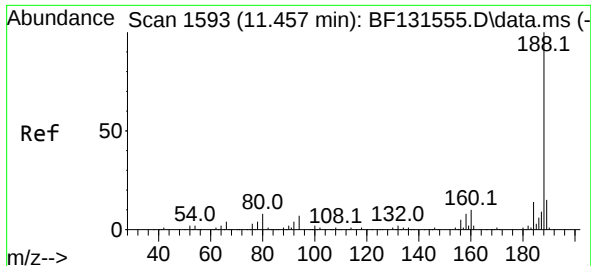
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.3 28.9

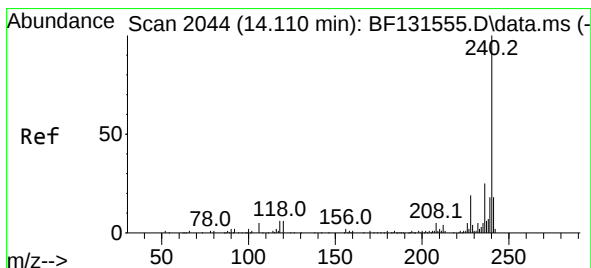
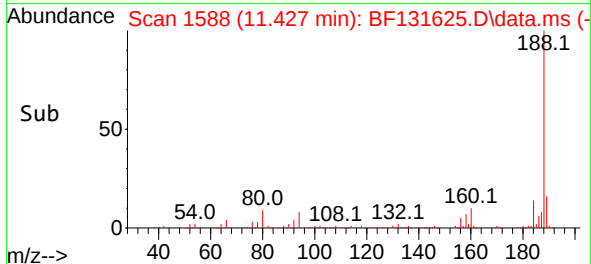
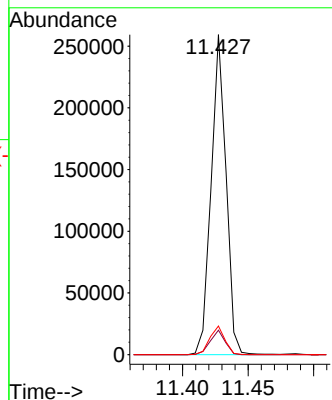
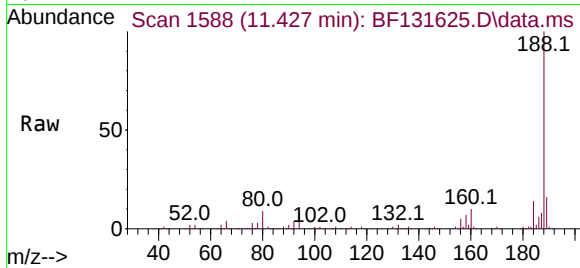




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

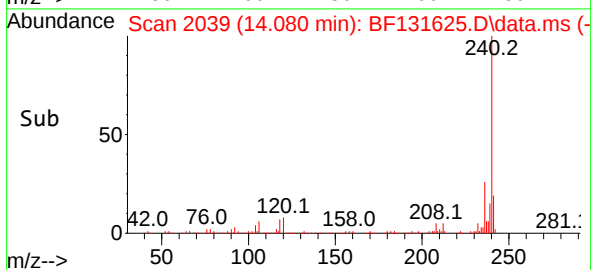
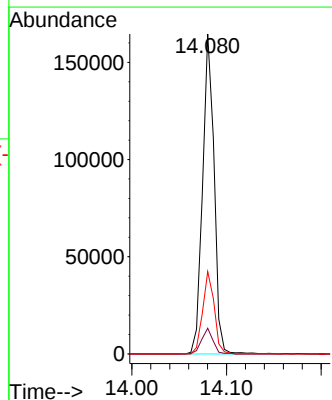
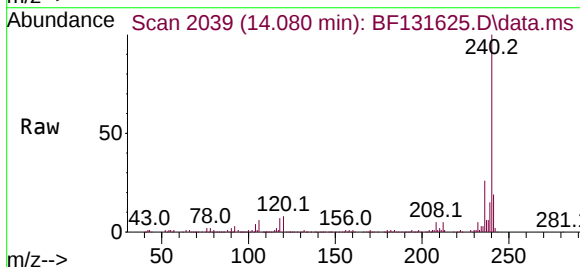
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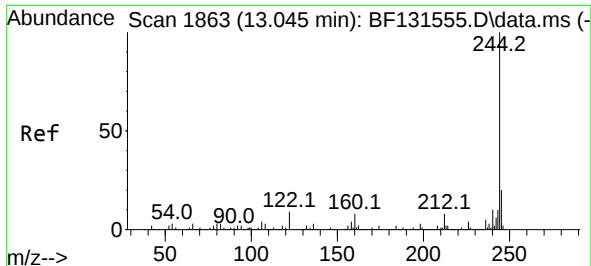
Tgt Ion:188 Resp: 205420
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 8.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131625.D
Acq: 13 Dec 2022 22:00

Tgt Ion:240 Resp: 138820
Ion Ratio Lower Upper
240 100
120 8.0 4.6 7.0#
236 25.7 20.2 30.2

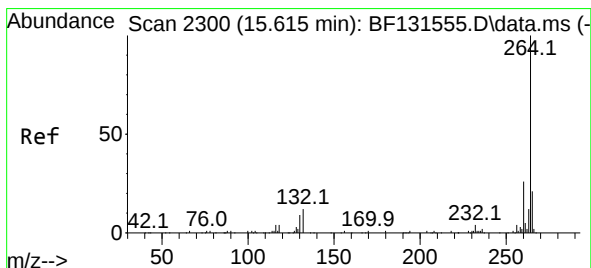
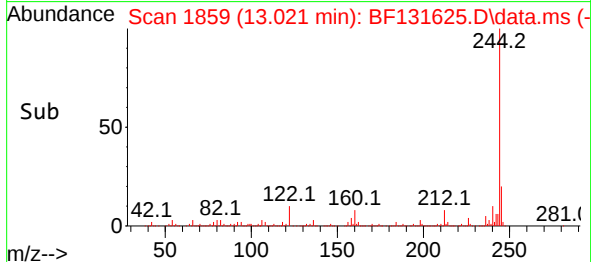
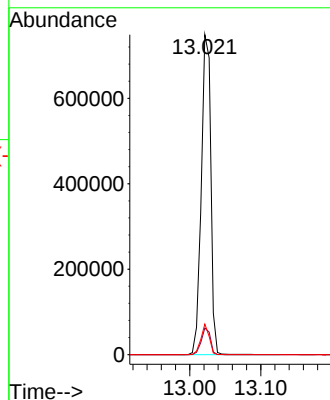
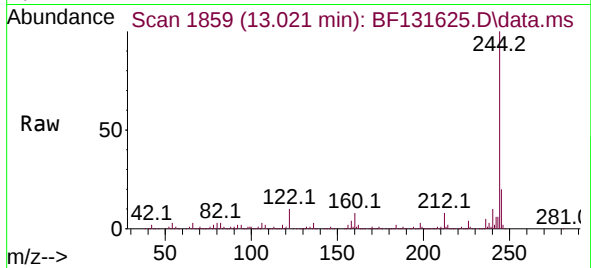




#79
 Terphenyl-d14
 Concen: 68.099 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF131625.D
 Acq: 13 Dec 2022 22:00

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-S5

Tgt Ion:244 Resp: 689330
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131625.D
 Acq: 13 Dec 2022 22:00

Tgt Ion:264 Resp: 110198
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.6 30.8
 265 22.0 16.8 25.2

