

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131637.D
 Acq On : 14 Dec 2022 23:46
 Operator : CG\JU
 Sample : N5993-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-W5

Quant Time: Dec 15 01:56:25 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	69189	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	245513	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	140285	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	272574	20.000	ng	0.00
76) Chrysene-d12	14.074	240	145467	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	142781	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	531785	128.224	ng	0.00
7) Phenol-d6	6.510	99	699457	128.701	ng	-0.01
23) Nitrobenzene-d5	7.445	82	485178	74.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	194509	124.797	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	851771	76.557	ng	0.00
79) Terphenyl-d14	13.021	244	945034	89.094	ng	0.00

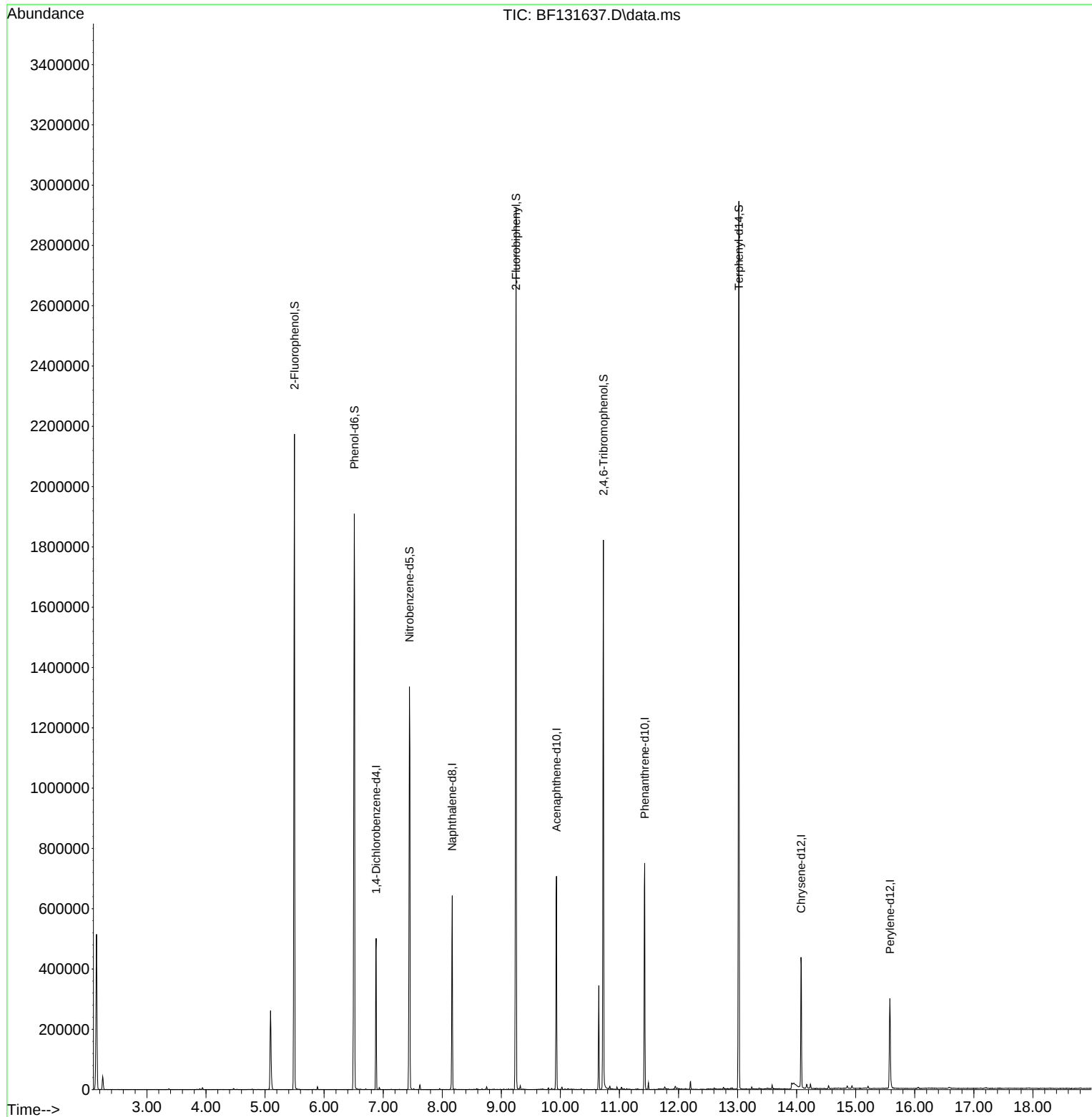
Target Compounds	Qvalue

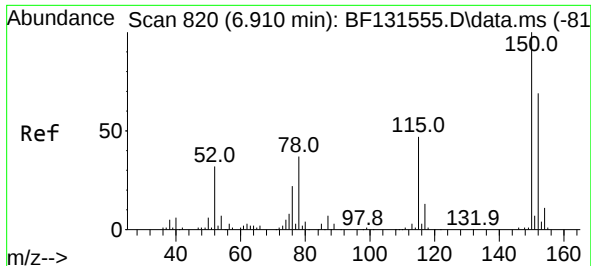
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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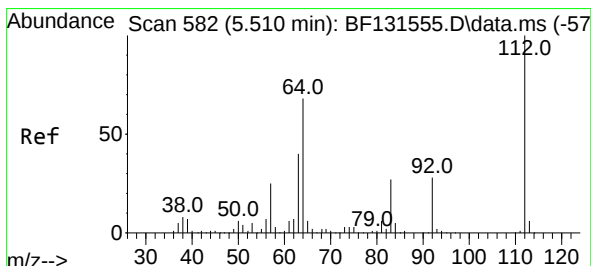
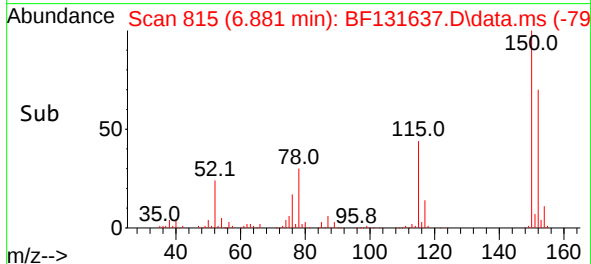
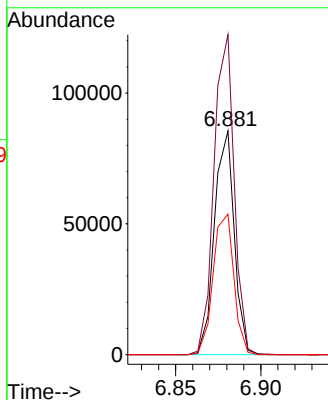
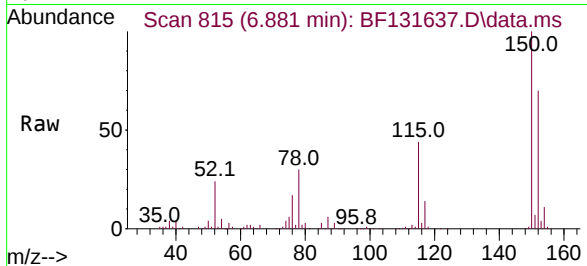




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

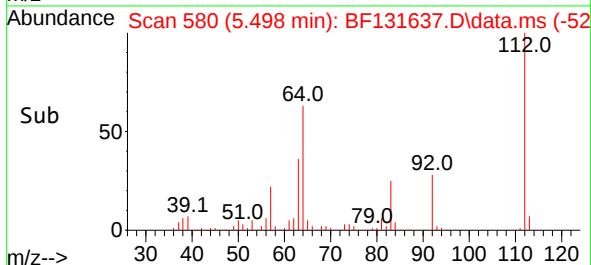
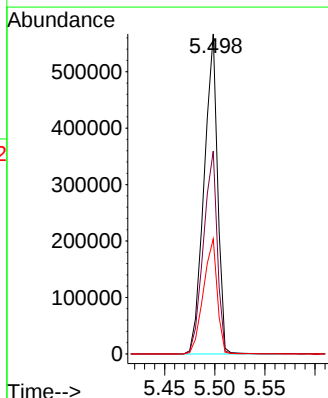
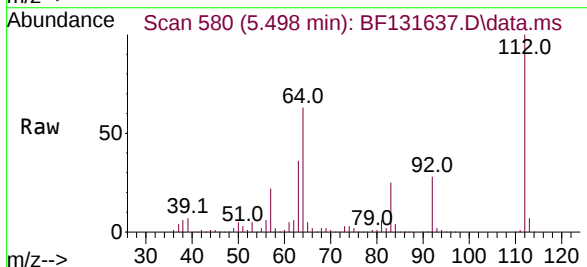
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

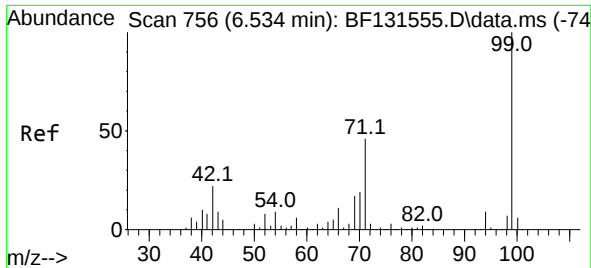
Tgt Ion:152 Resp: 69189
Ion Ratio Lower Upper
152 100
150 143.1 116.7 175.1
115 62.8 54.6 82.0



#5
2-Fluorophenol
Concen: 128.224 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion:112 Resp: 531785
Ion Ratio Lower Upper
112 100
64 63.4 54.5 81.7
63 35.9 31.9 47.9

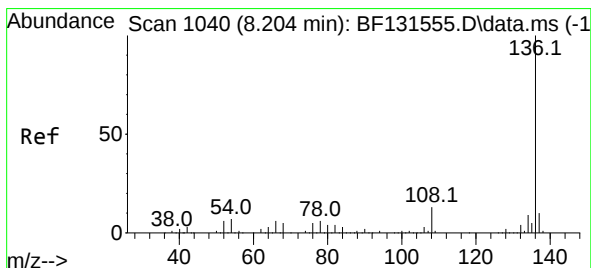
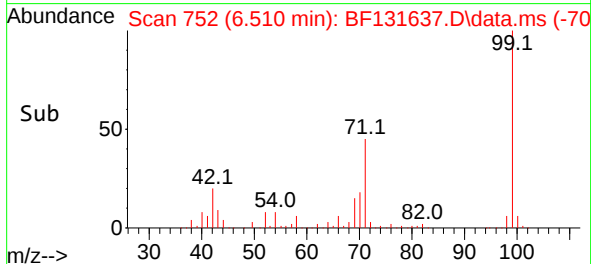
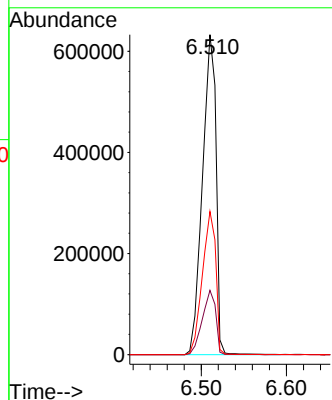
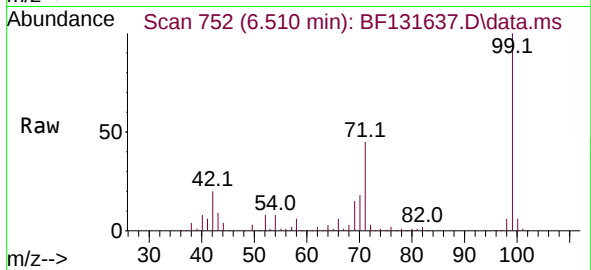




#7
Phenol-d6
Concen: 128.701 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

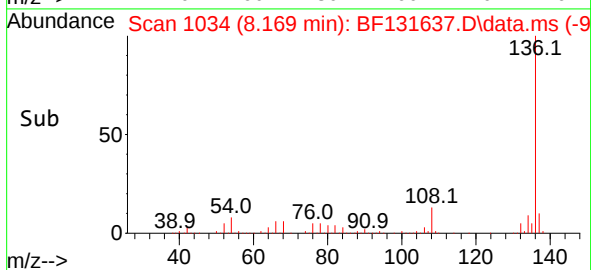
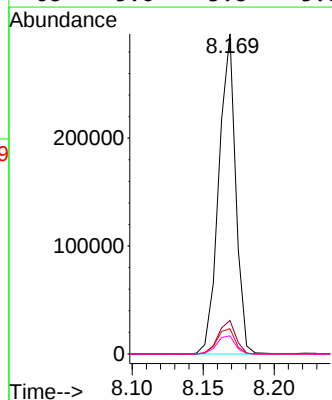
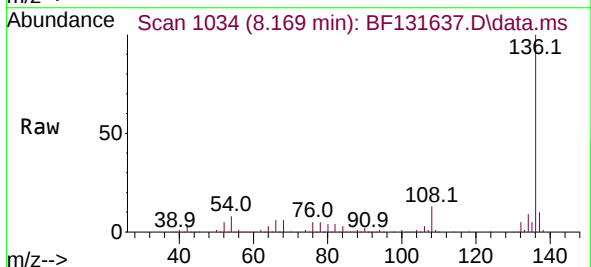
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-W5

Tgt Ion: 99 Resp: 699457
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 44.7 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: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion: 136 Resp: 245513
Ion Ratio Lower Upper
136 100
137 10.4 8.1 12.1
54 7.9 6.0 9.0
68 5.6 3.8 5.8





#23

Nitrobenzene-d5

Concen: 74.713 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131637.D

Acq: 14 Dec 2022 23:46

Instrument :

BNA_F

ClientSampleId :

AOC2-B1-W5

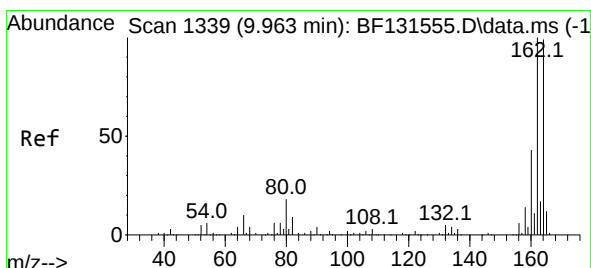
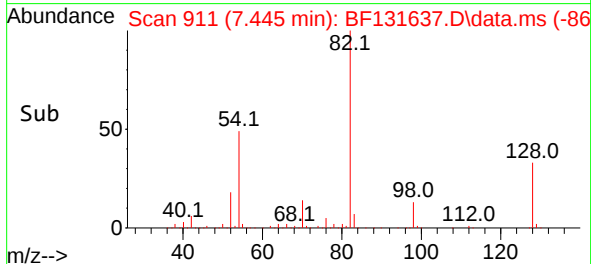
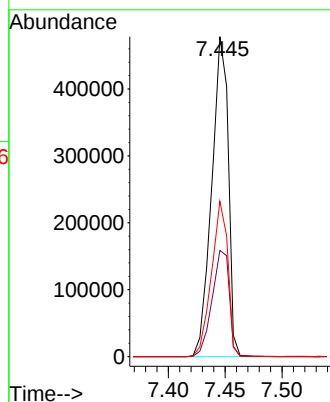
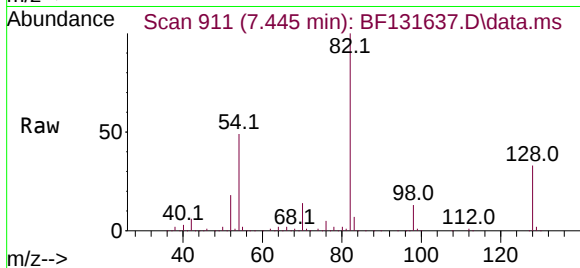
Tgt Ion: 82 Resp: 485178

Ion Ratio Lower Upper

82 100

128 33.2 26.1 39.1

54 48.5 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: BF131637.D

Acq: 14 Dec 2022 23:46

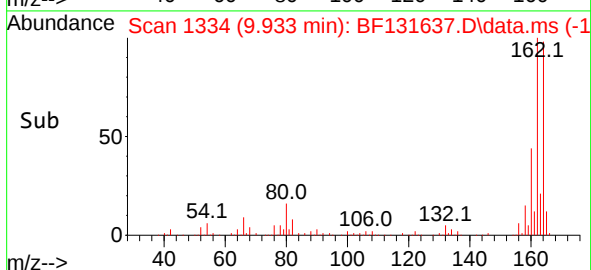
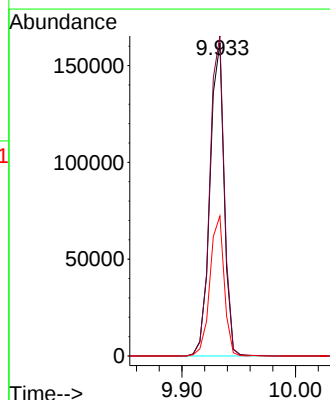
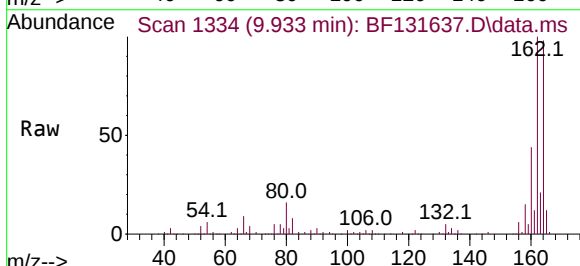
Tgt Ion:164 Resp: 140285

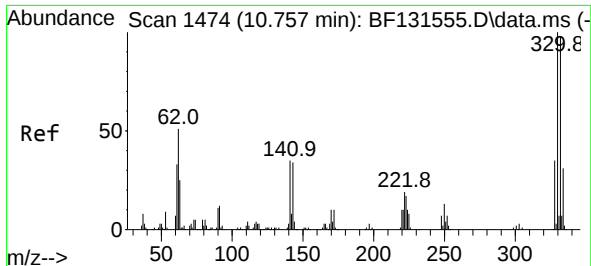
Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.6

160 44.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 124.797 ng

RT: 10.727 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131637.D

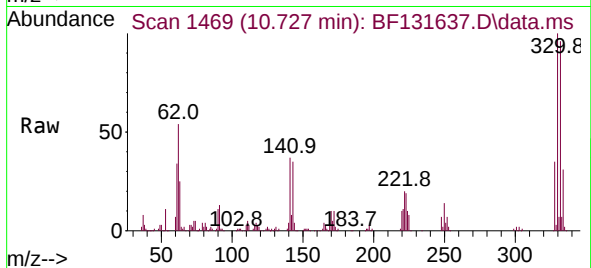
Acq: 14 Dec 2022 23:46

Instrument :

BNA_F

ClientSampleId :

AOC2-B1-W5



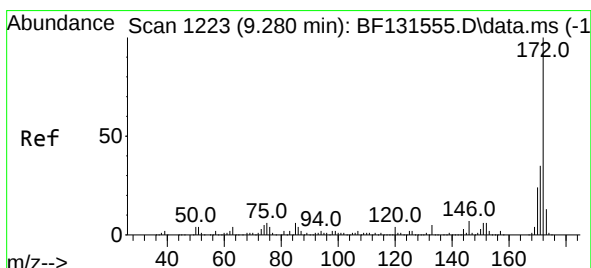
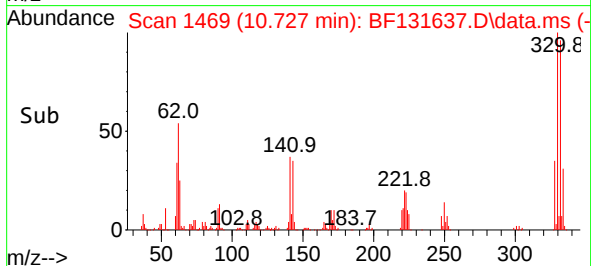
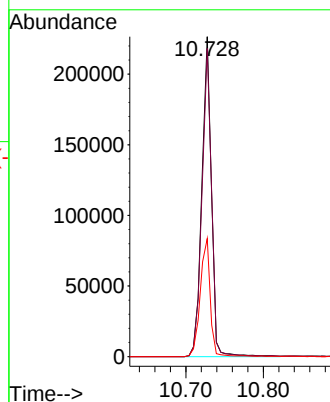
Tgt Ion:330 Resp: 194509

Ion Ratio Lower Upper

330 100

332 96.6 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 76.557 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131637.D

Acq: 14 Dec 2022 23:46

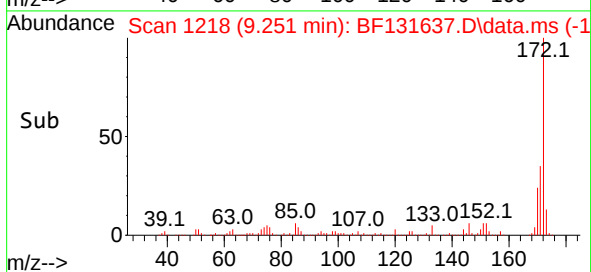
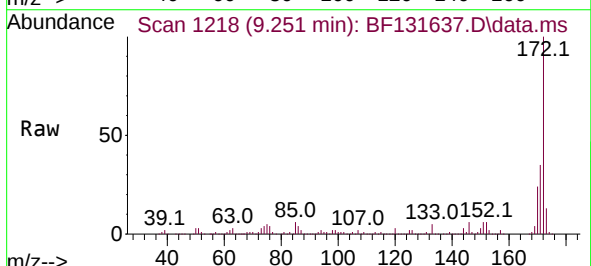
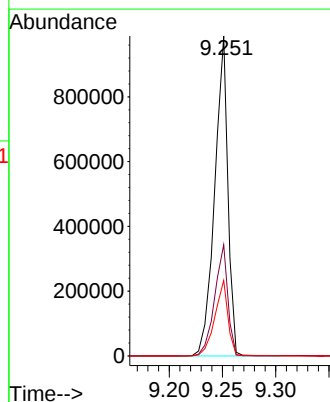
Tgt Ion:172 Resp: 851771

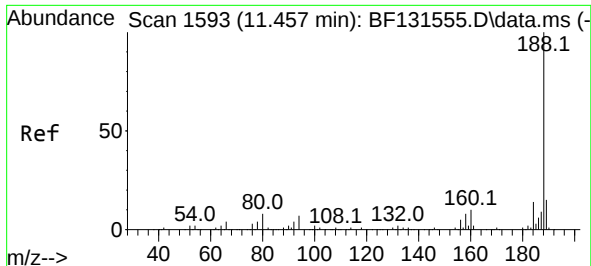
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.6 19.3 28.9

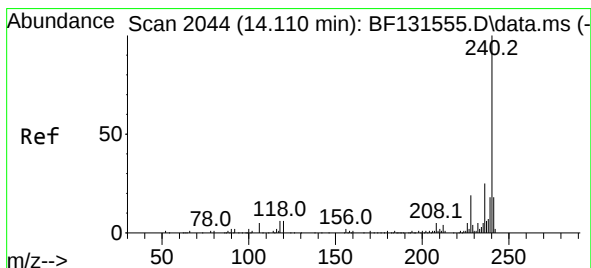
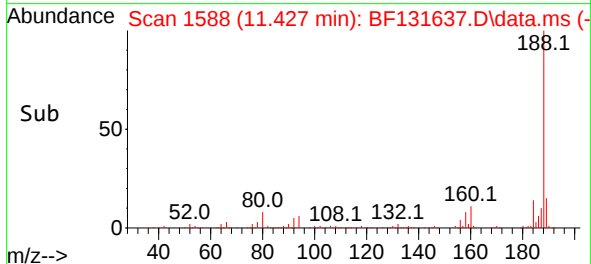
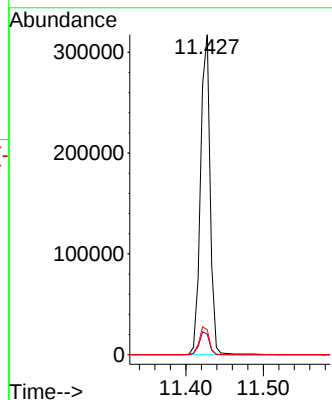
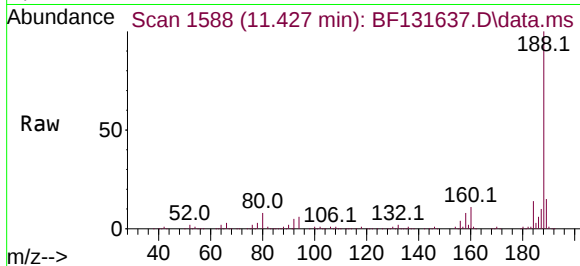




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

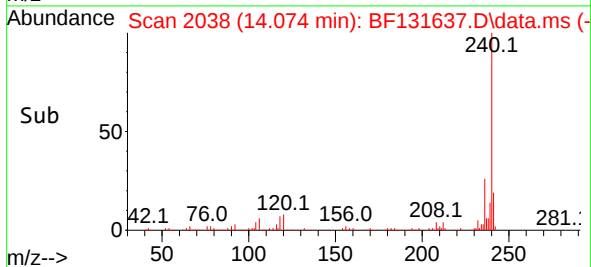
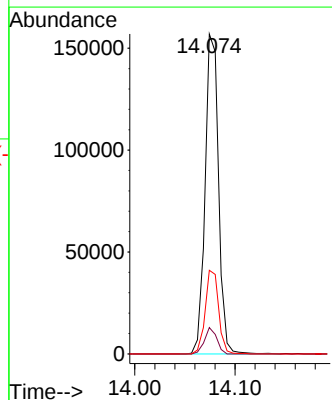
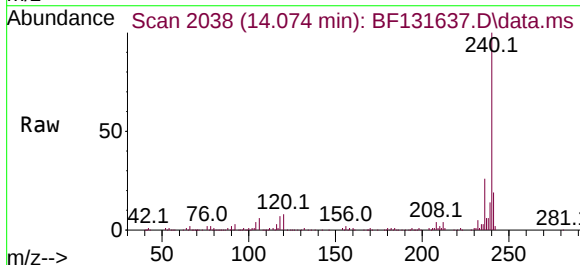
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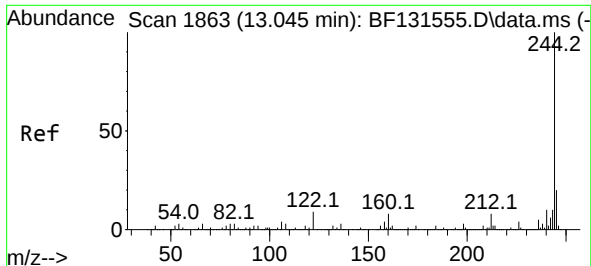
Tgt Ion:188 Resp: 272574
Ion Ratio Lower Upper
188 100
94 6.4 5.5 8.3
80 7.8 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF131637.D
Acq: 14 Dec 2022 23:46

Tgt Ion:240 Resp: 145467
Ion Ratio Lower Upper
240 100
120 8.2 4.6 7.0#
236 26.1 20.2 30.2

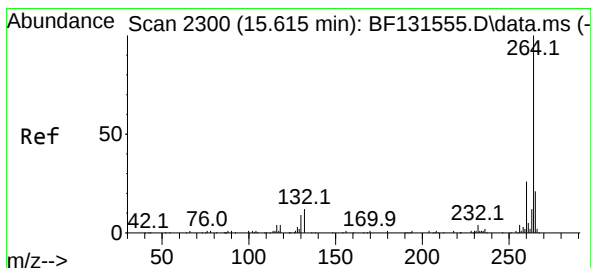
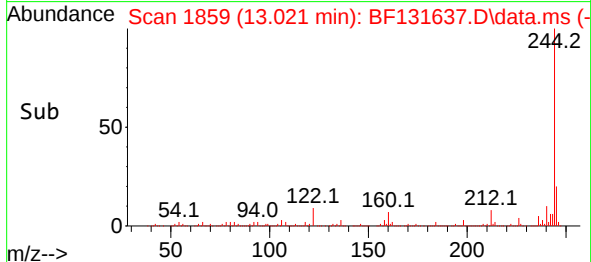
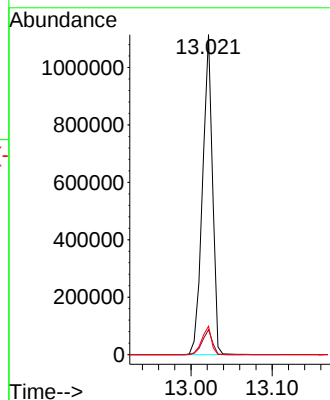
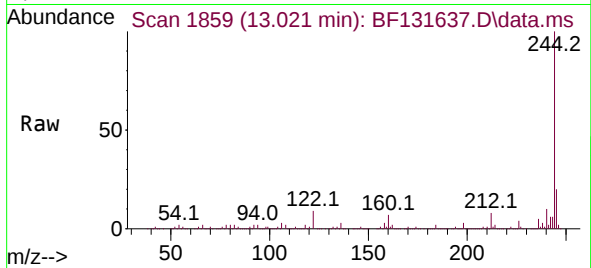




#79
 Terphenyl-d14
 Concen: 89.094 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF131637.D
 Acq: 14 Dec 2022 23:46

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-W5

Tgt Ion:244 Resp: 945034
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.012 min
 Lab File: BF131637.D
 Acq: 14 Dec 2022 23:46

Tgt Ion:264 Resp: 142781
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 30.8
 265 21.8 16.8 25.2

