

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131638.D
 Acq On : 15 Dec 2022 00:18
 Operator : CG\JU
 Sample : N5993-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-B5-V1

Quant Time: Dec 15 01:56:40 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	67195	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	248109	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	143180	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	270823	20.000	ng	0.00
76) Chrysene-d12	14.074	240	146927	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	137797	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	399639	99.220	ng	0.00
7) Phenol-d6	6.510	99	510801	96.777	ng	-0.01
23) Nitrobenzene-d5	7.445	82	362302	55.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	143905	90.462	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	640362	56.392	ng	0.00
79) Terphenyl-d14	13.021	244	700907	65.422	ng	0.00

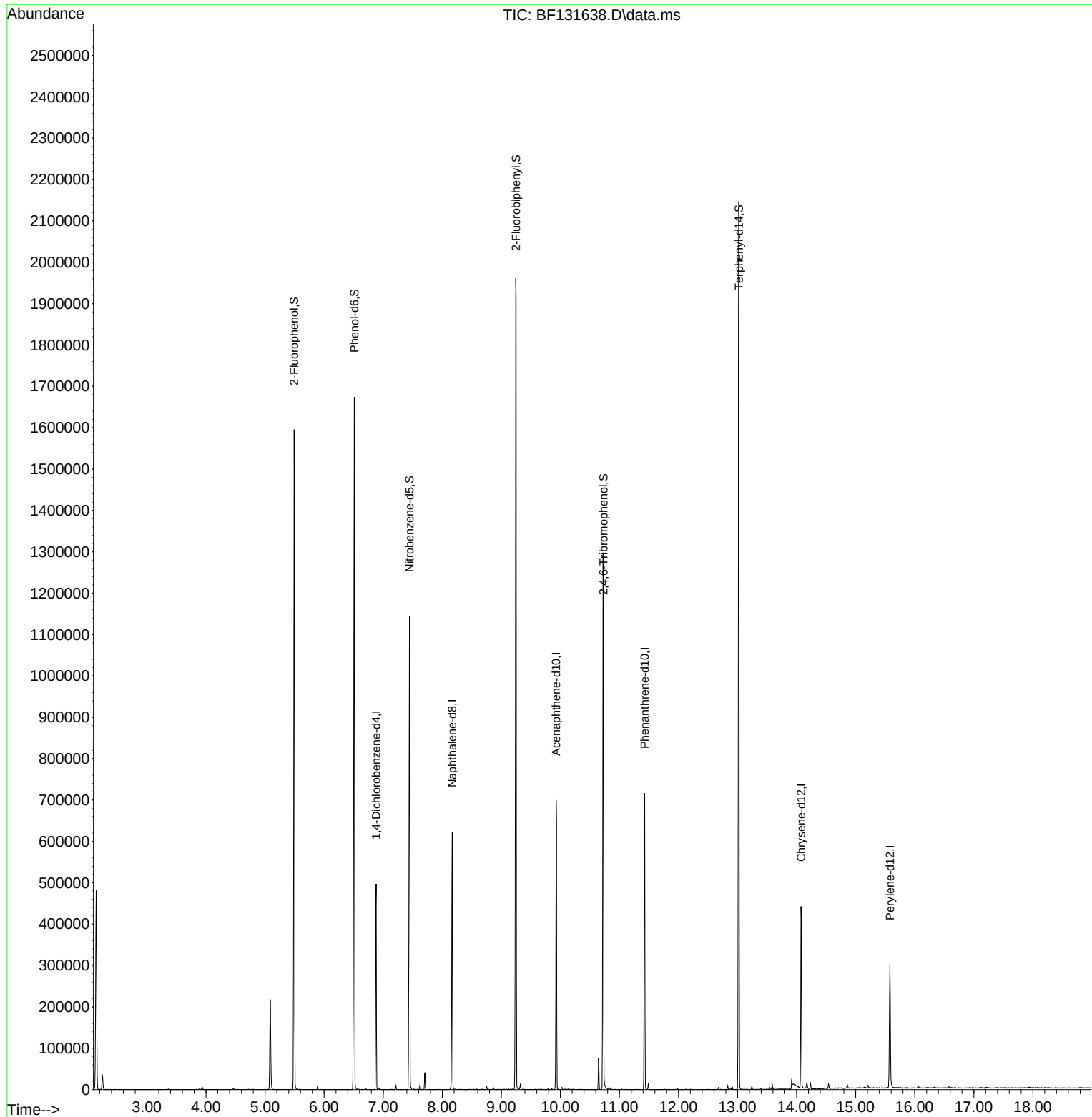
Target Compounds Qvalue

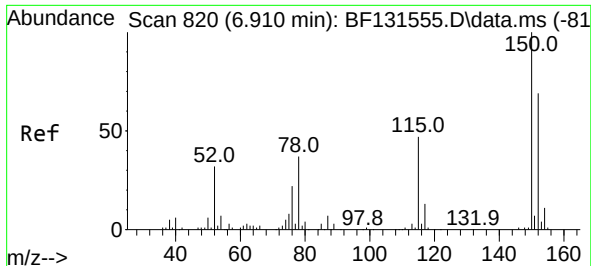
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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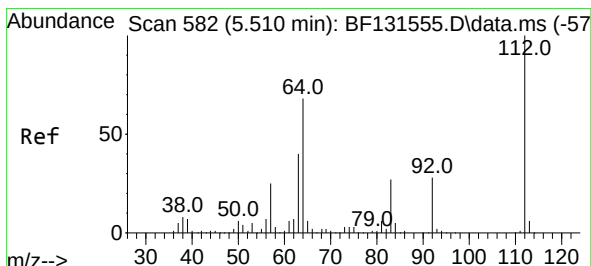
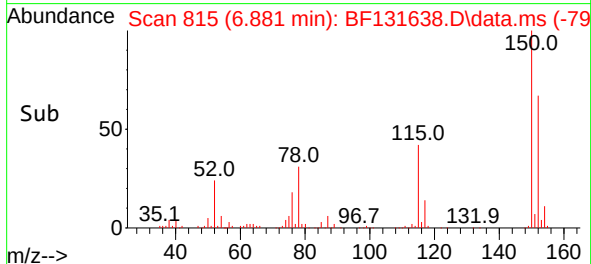
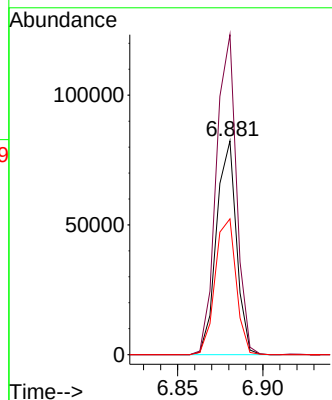
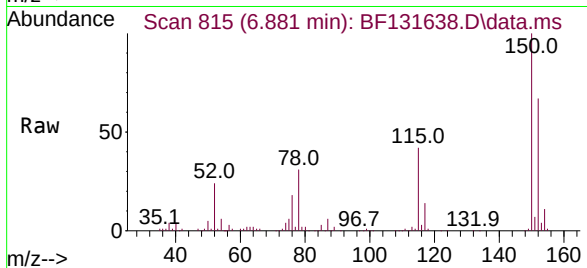




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

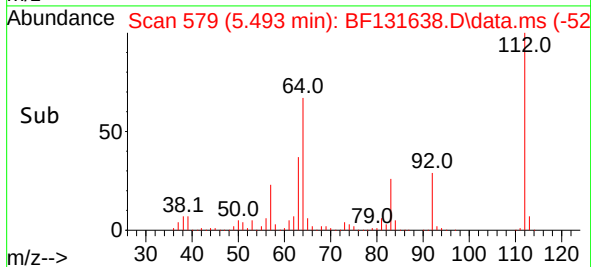
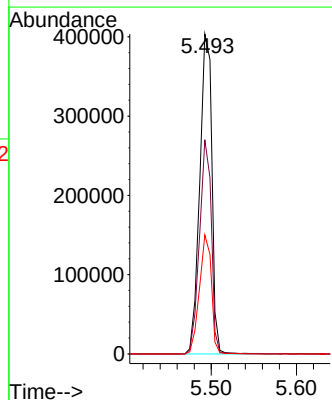
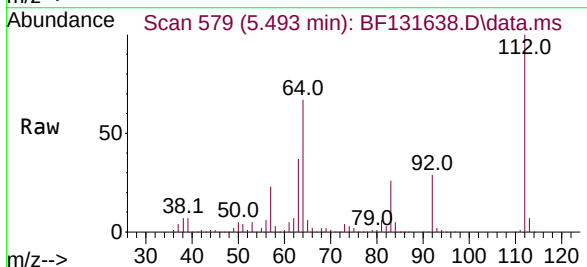
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

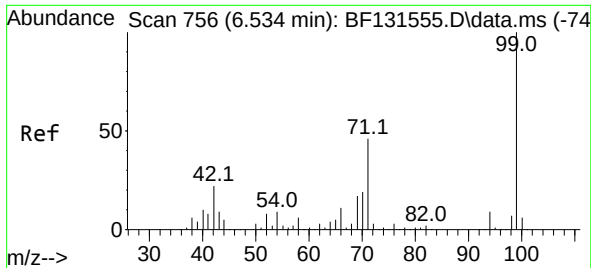
Tgt Ion:152 Resp: 67195
Ion Ratio Lower Upper
152 100
150 149.7 116.7 175.1
115 63.5 54.6 82.0



#5
2-Fluorophenol
Concen: 99.220 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion:112 Resp: 399639
Ion Ratio Lower Upper
112 100
64 66.9 54.5 81.7
63 37.2 31.9 47.9

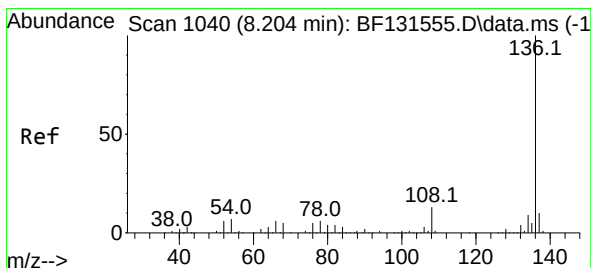
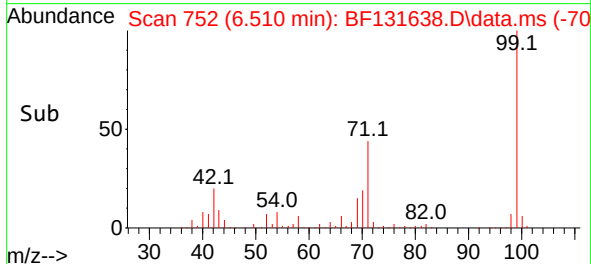
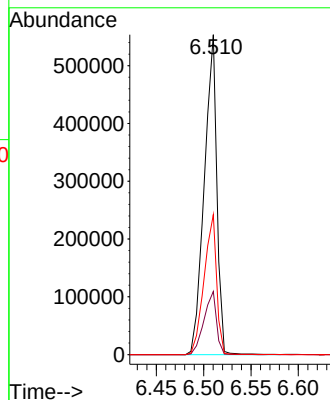
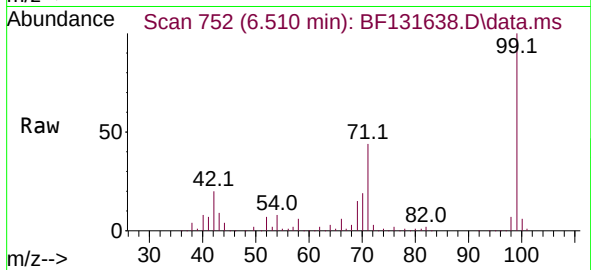




#7
Phenol-d6
Concen: 96.777 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

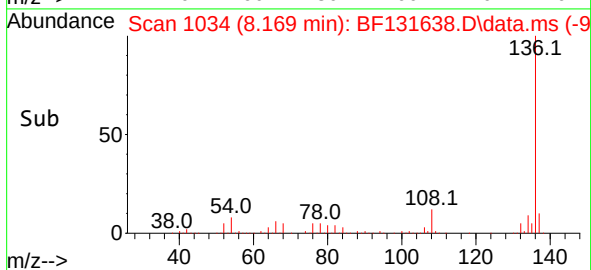
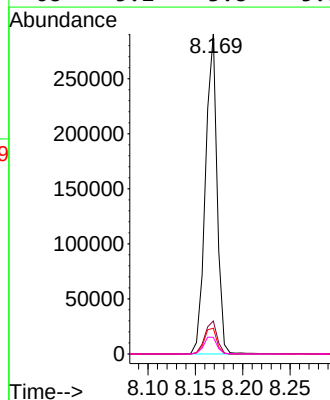
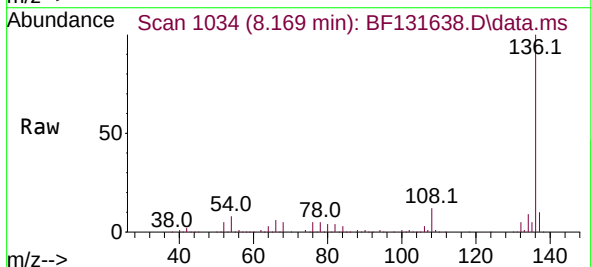
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

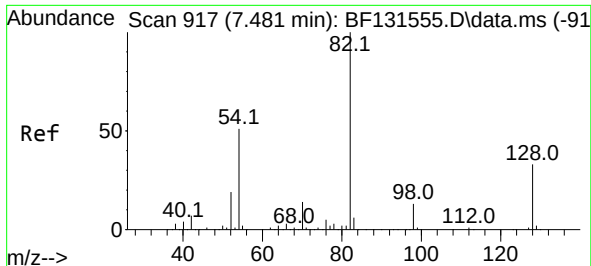
Tgt Ion: 99 Resp: 510801
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 43.7 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion: 136 Resp: 248109
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 8.0 6.0 9.0
68 5.2 3.8 5.8

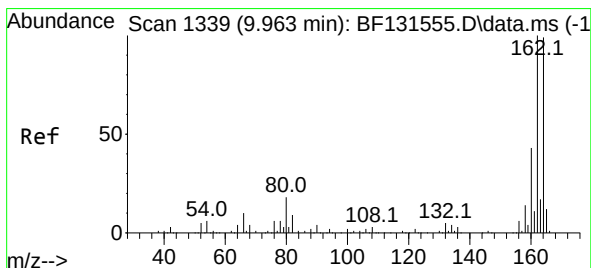
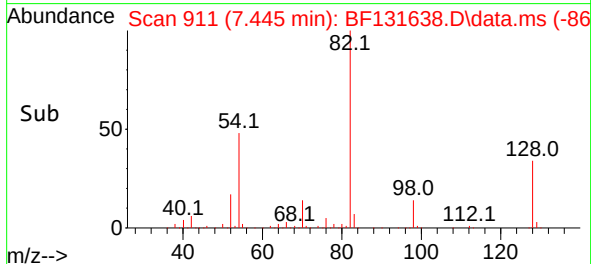
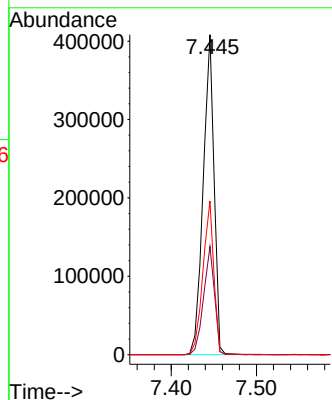
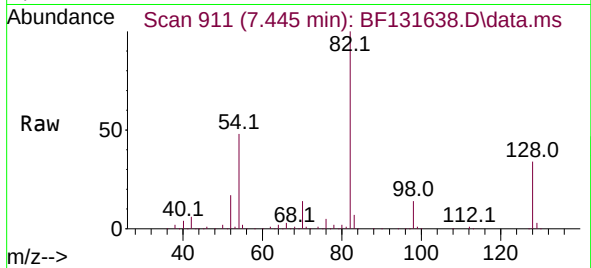




#23
Nitrobenzene-d5
Concen: 55.207 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

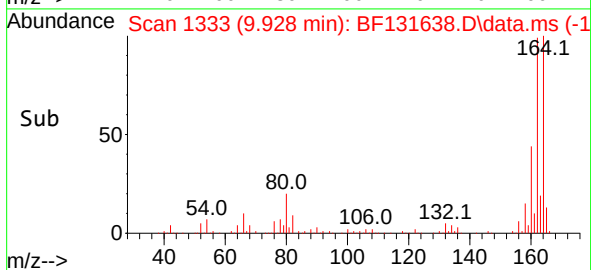
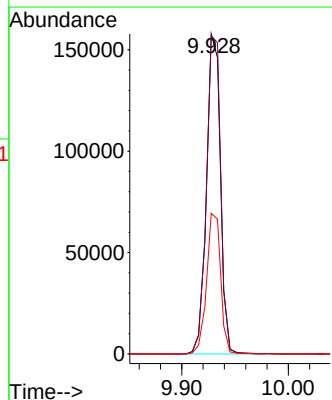
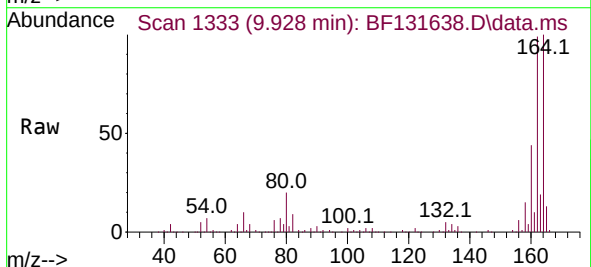
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

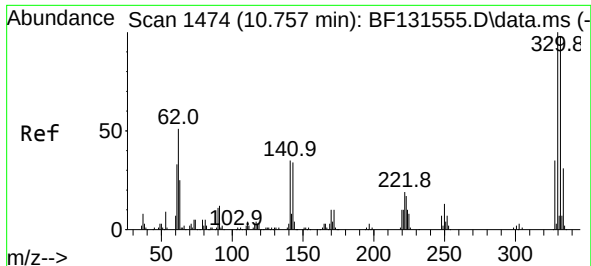
Tgt Ion: 82 Resp: 362302
Ion Ratio Lower Upper
82 100
128 33.8 26.1 39.1
54 48.0 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion:164 Resp: 143180
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.6
160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 90.462 ng

RT: 10.727 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131638.D

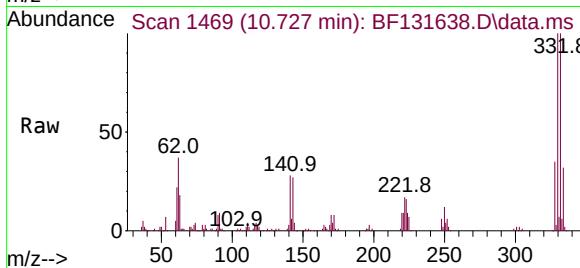
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Instrument :

BNA_F

ClientSampleId :

AOC1-B5-V1



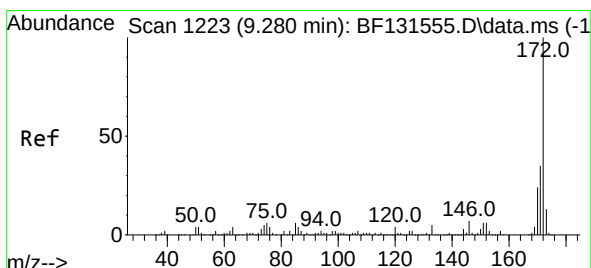
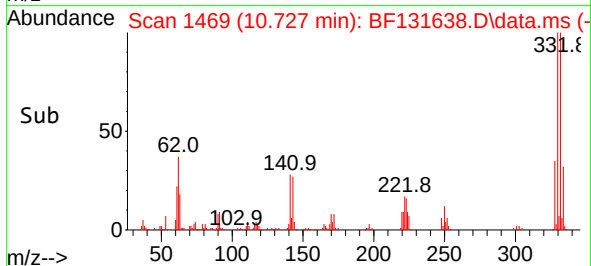
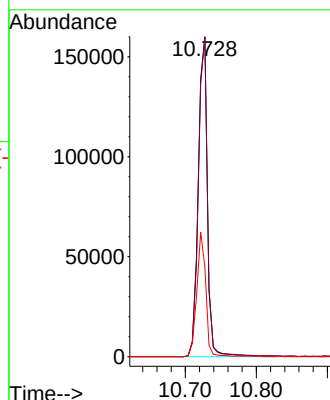
Tgt Ion:330 Resp: 143905

Ion Ratio Lower Upper

330 100

332 98.3 78.3 117.5

141 38.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 56.392 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131638.D

Acq: 15 Dec 2022 00:18

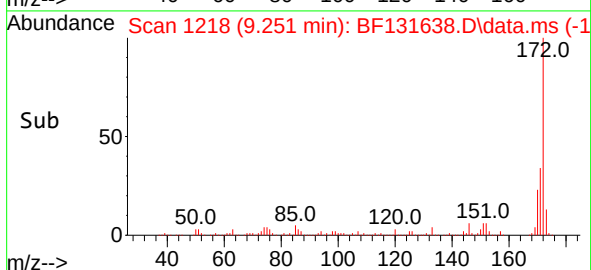
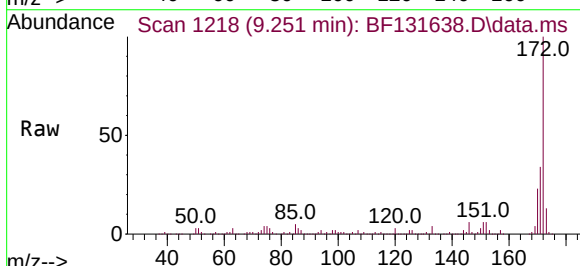
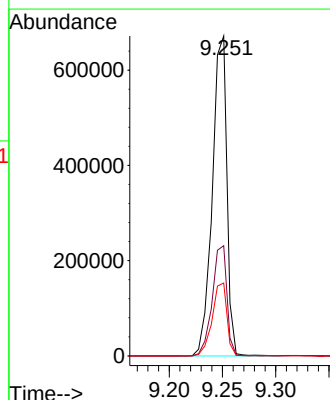
Tgt Ion:172 Resp: 640362

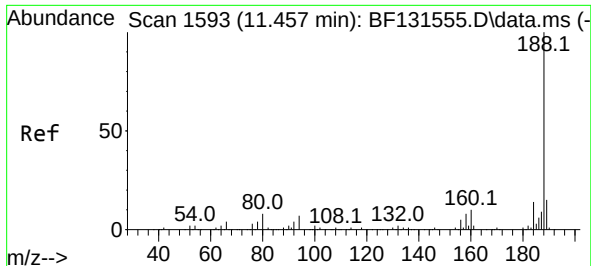
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.8 19.3 28.9

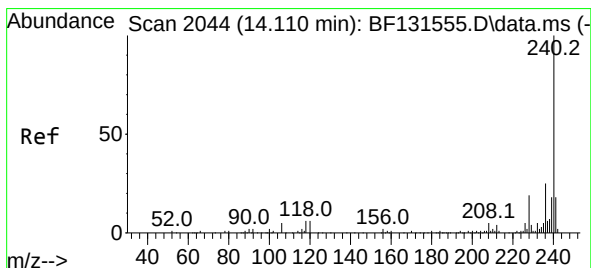
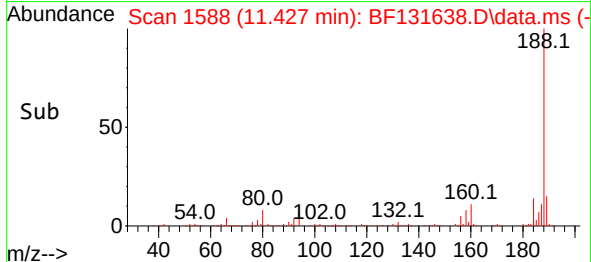
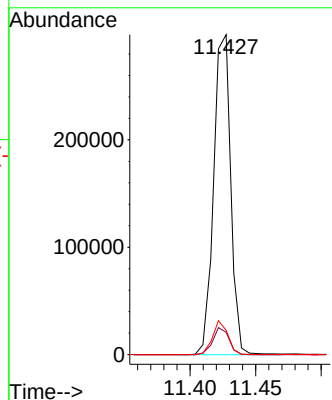
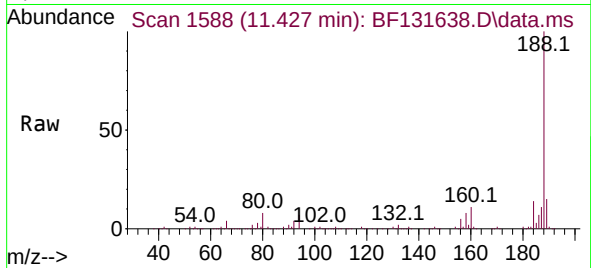




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

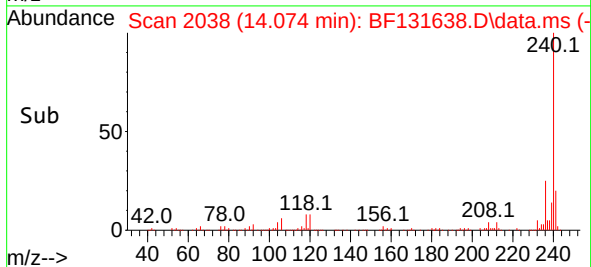
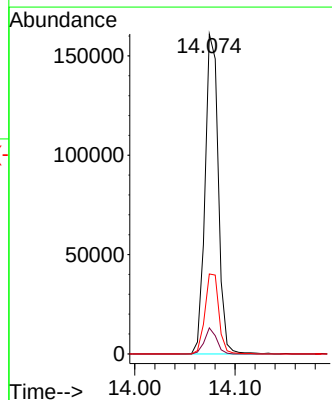
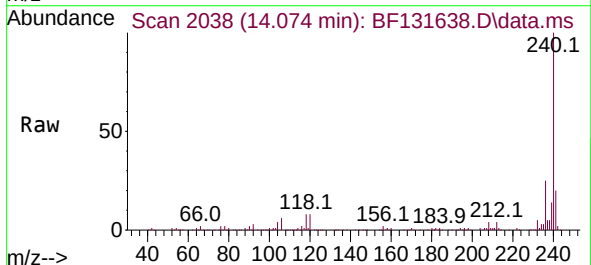
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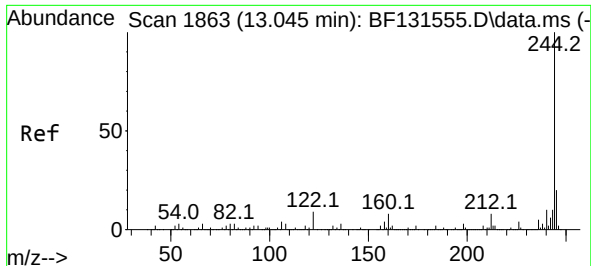
Tgt Ion:188 Resp: 270823
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 7.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

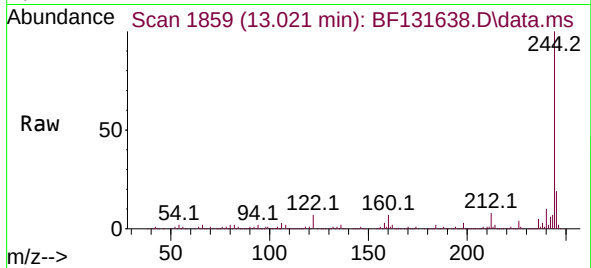
Tgt Ion:240 Resp: 146927
Ion Ratio Lower Upper
240 100
120 8.1 4.6 7.0#
236 25.0 20.2 30.2



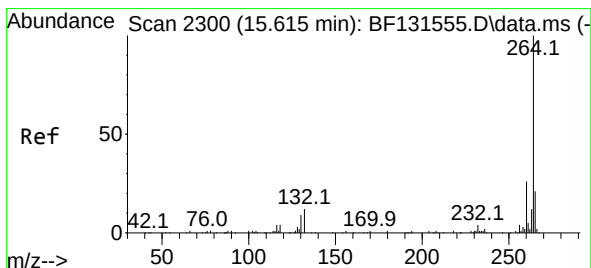
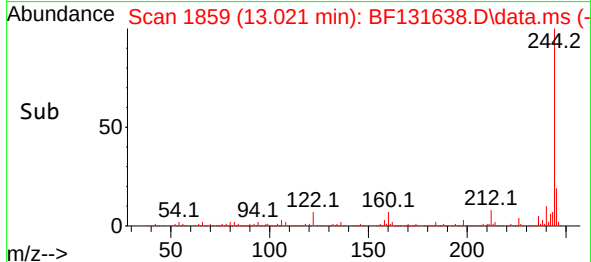
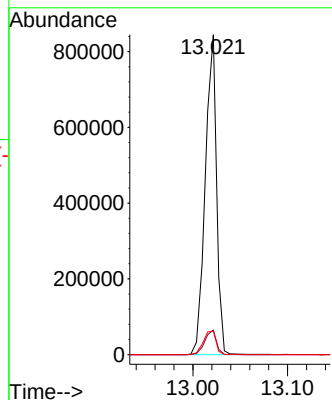


#79
 Terphenyl-d14
 Concen: 65.422 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF131638.D
 Acq: 15 Dec 2022 00:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-B5-V1



Tgt Ion:244 Resp: 700907
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.4 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: BF131638.D
 Acq: 15 Dec 2022 00:18

Tgt Ion:264 Resp: 137797
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.6 30.8
 265 21.1 16.8 25.2

