

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131599.D
 Acq On : 12 Dec 2022 18:39
 Operator : CG\JU
 Sample : N5976-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-1-2-3-4-5

Quant Time: Dec 13 04:17:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	58118	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	207739	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	117192	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	208250	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	115976	20.000	ng	0.00
86) Perylene-d12	15.610	264	128318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	274740	78.864	ng	0.00
7) Phenol-d6	6.516	99	231291	50.665	ng	-0.01
23) Nitrobenzene-d5	7.457	82	458064	83.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	171895	132.020	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	794348	85.464	ng	0.00
79) Terphenyl-d14	13.039	244	490005	57.943	ng	0.00

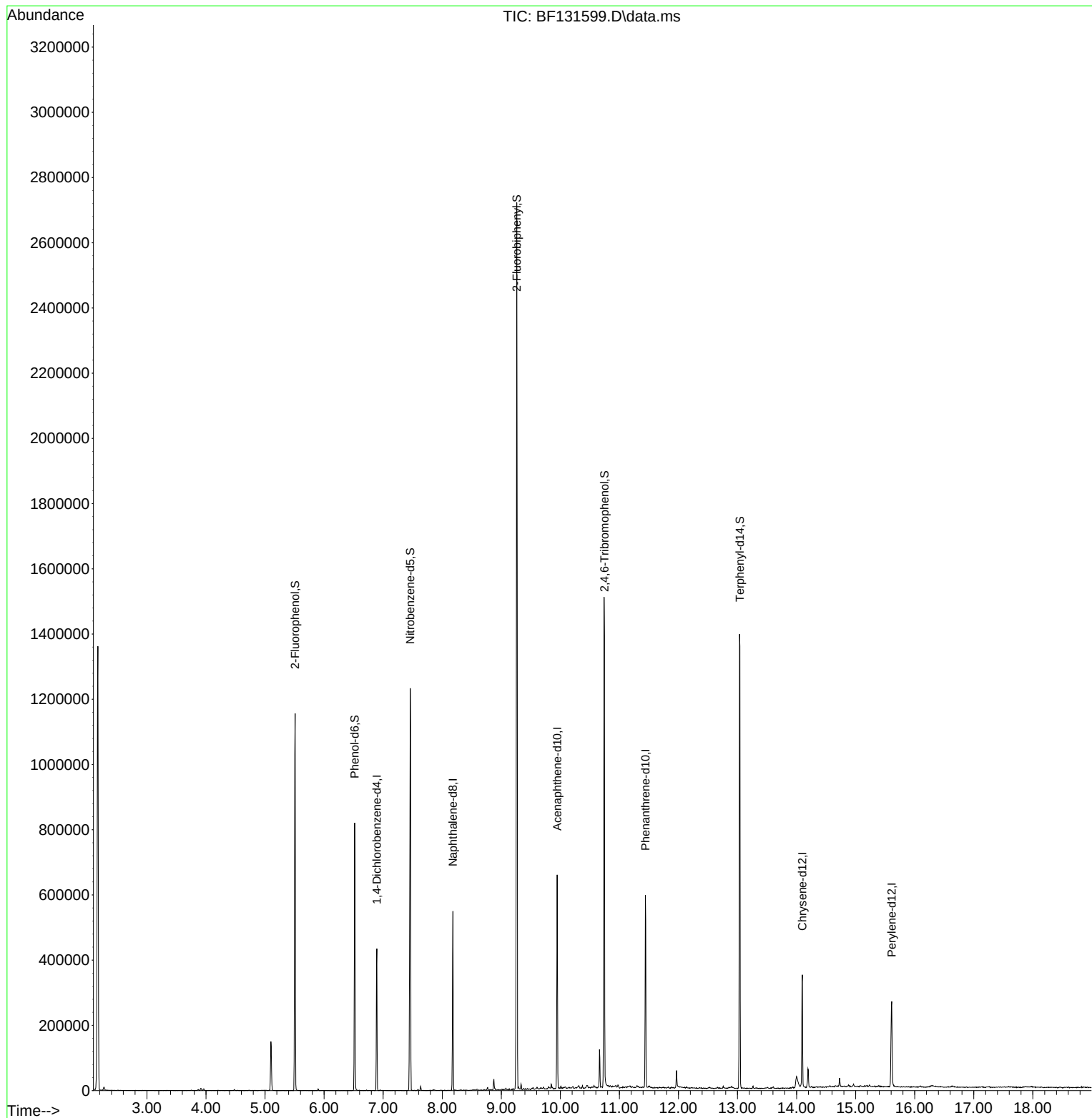
Target Compounds Qvalue

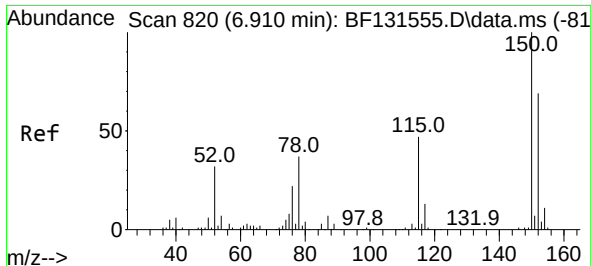
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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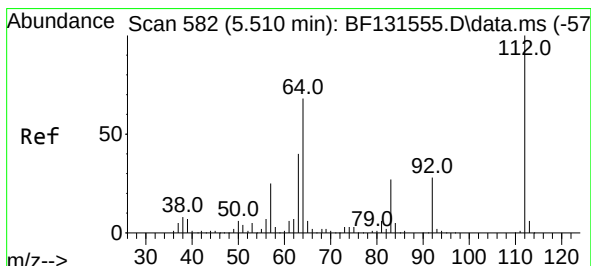
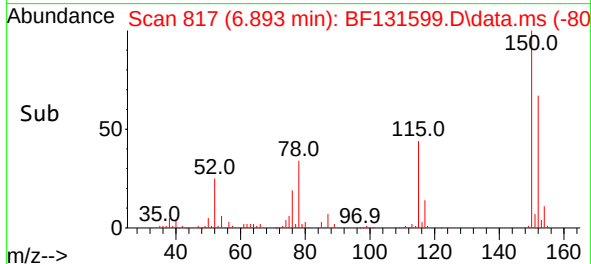
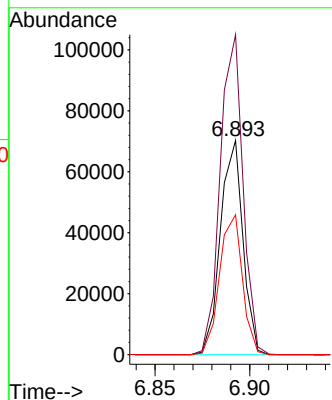
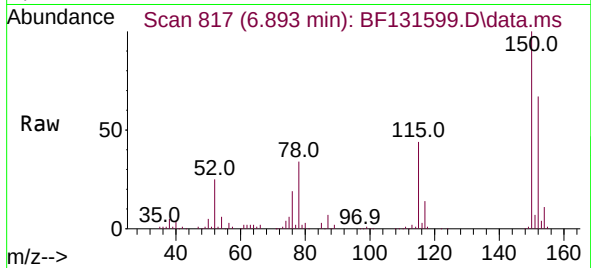




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

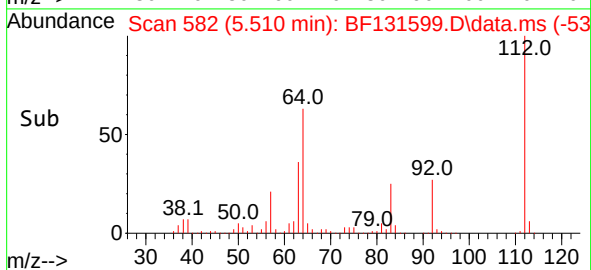
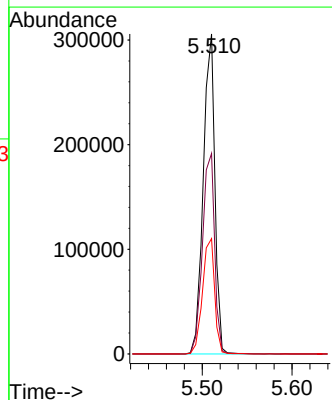
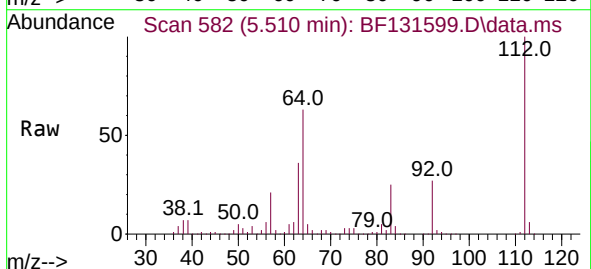
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-1-2-3-4-5

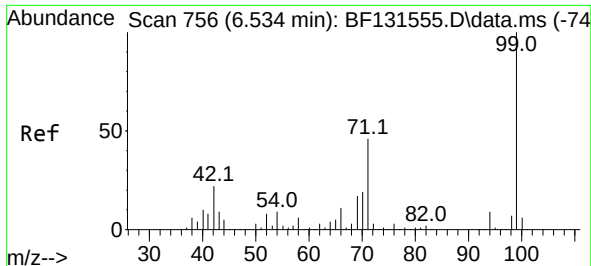
Tgt Ion:152 Resp: 58118
Ion Ratio Lower Upper
152 100
150 149.4 116.7 175.1
115 65.3 54.6 82.0



#5
2-Fluorophenol
Concen: 78.864 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

Tgt Ion:112 Resp: 274740
Ion Ratio Lower Upper
112 100
64 62.6 54.5 81.7
63 36.0 31.9 47.9

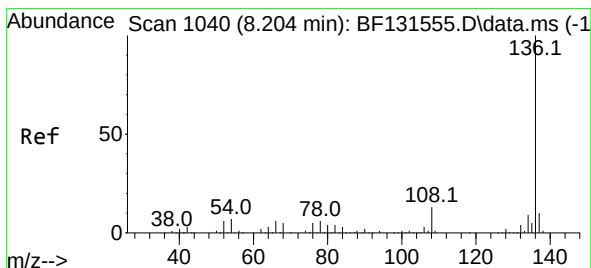
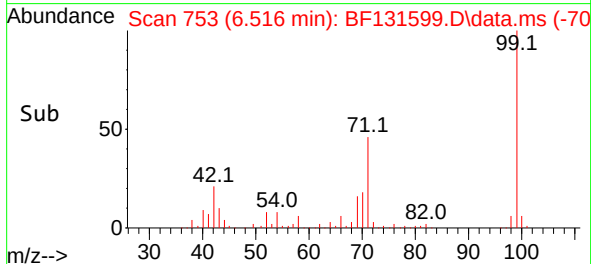
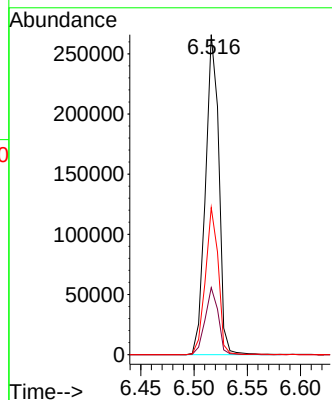
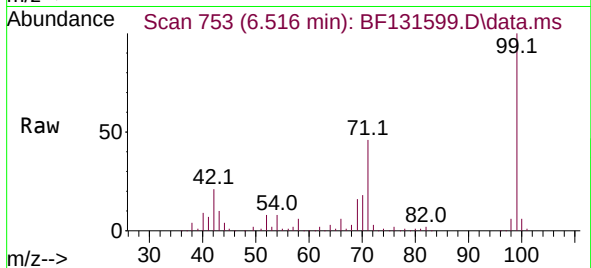




#7
Phenol-d6
Concen: 50.665 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

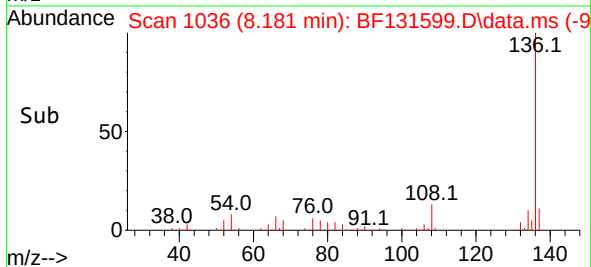
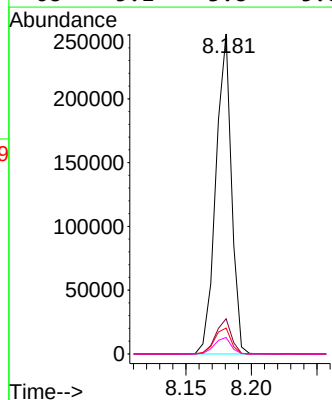
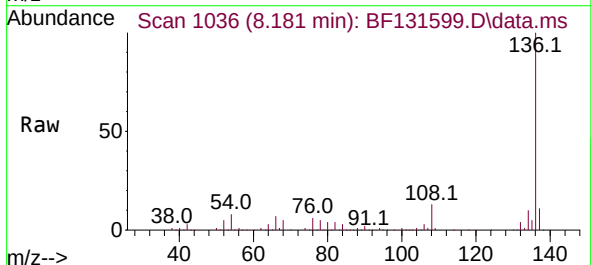
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-1-2-3-4-5

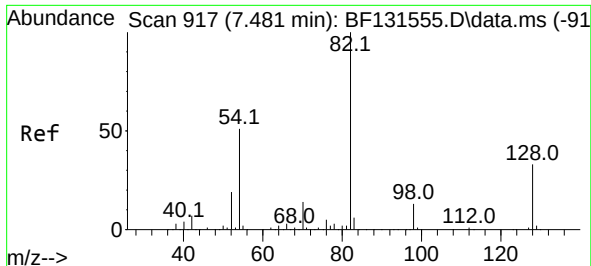
Tgt Ion: 99 Resp: 231291
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 45.9 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

Tgt Ion: 136 Resp: 207739
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 8.1 6.0 9.0
68 5.1 3.8 5.8

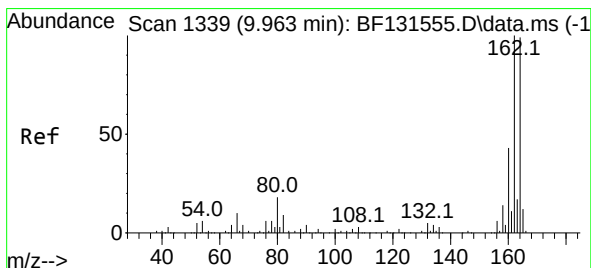
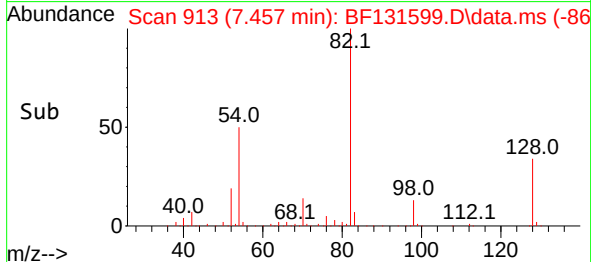
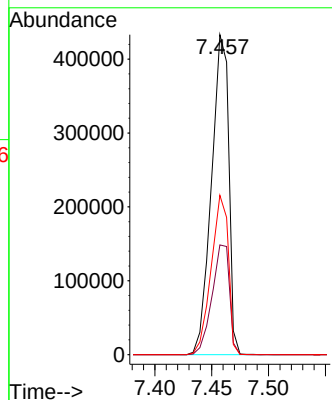
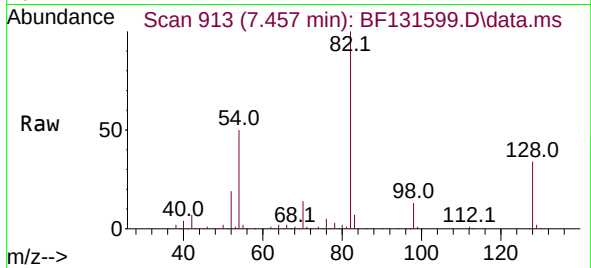




#23
Nitrobenzene-d5
Concen: 83.364 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

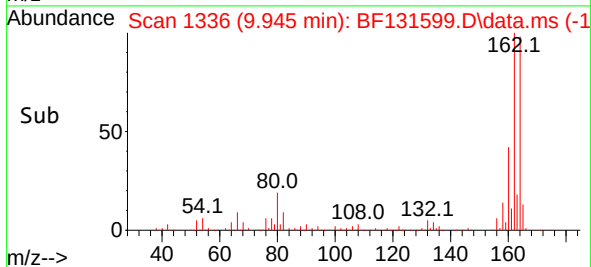
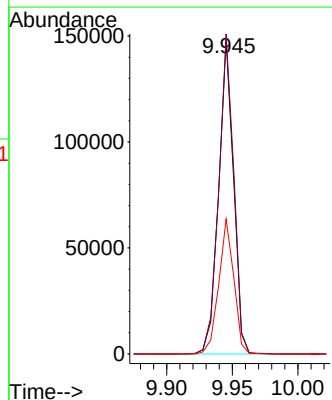
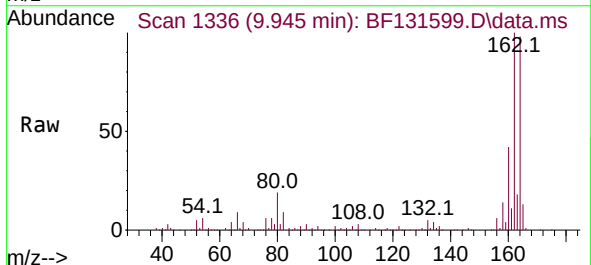
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-1-2-3-4-5

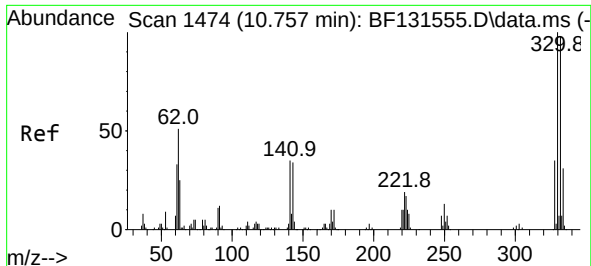
Tgt Ion: 82 Resp: 458064
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 49.8 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

Tgt Ion:164 Resp: 117192
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 43.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 132.020 ng

RT: 10.745 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131599.D

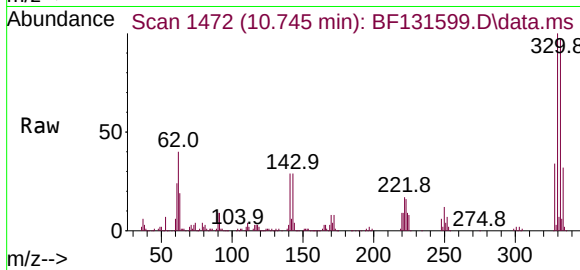
Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5



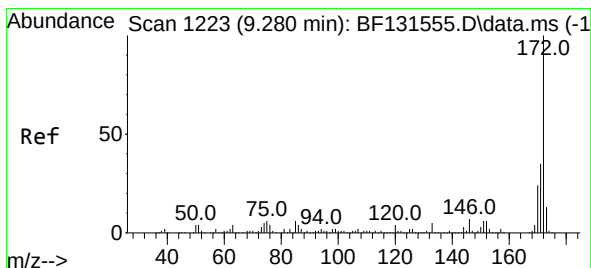
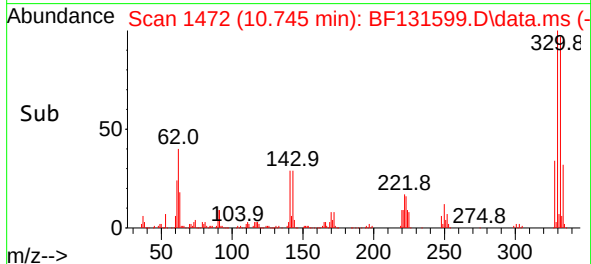
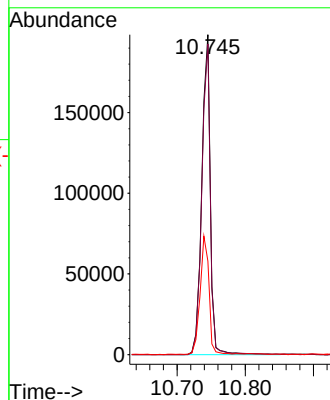
Tgt Ion:330 Resp: 171895

Ion Ratio Lower Upper

330 100

332 97.0 78.3 117.5

141 38.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 85.464 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

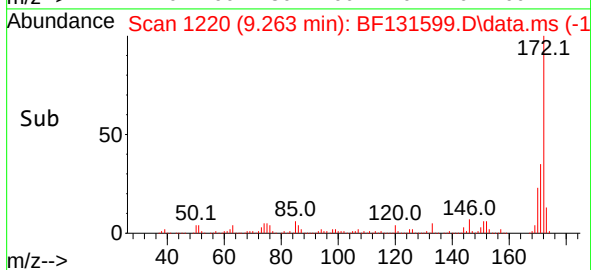
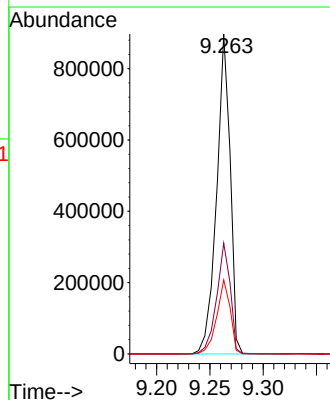
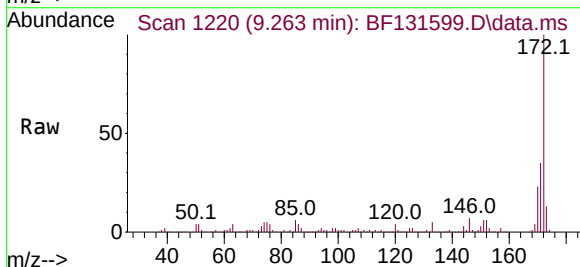
Tgt Ion:172 Resp: 794348

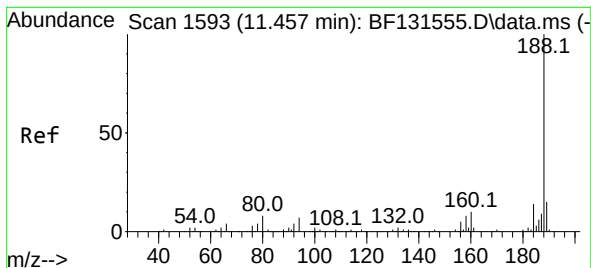
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5

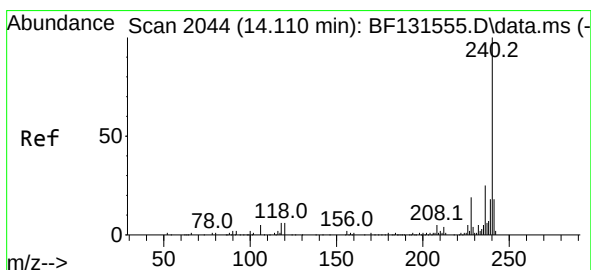
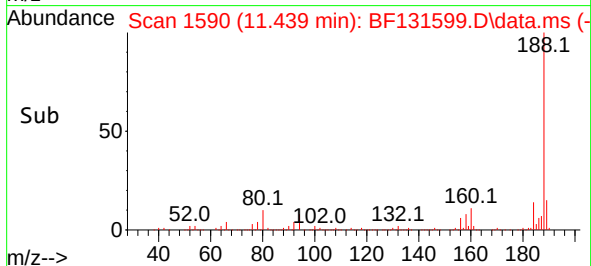
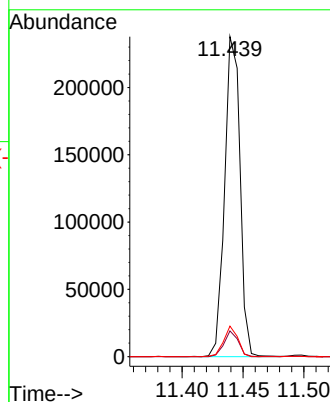
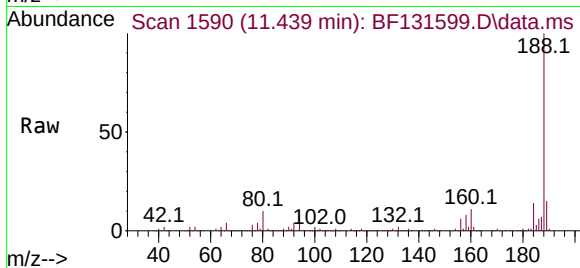
Tgt Ion:188 Resp: 208250

Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.5 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

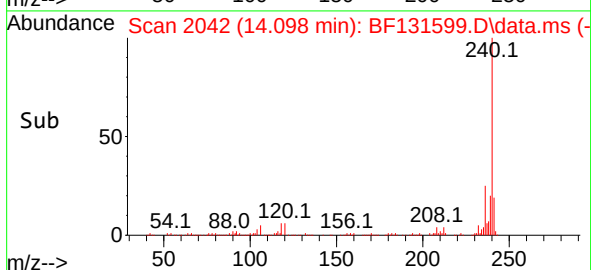
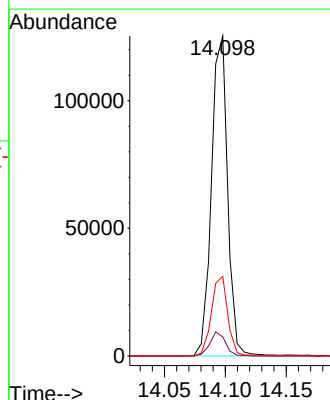
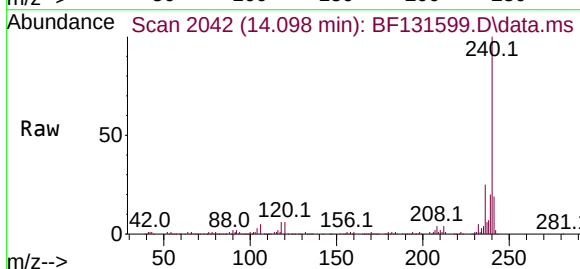
Tgt Ion:240 Resp: 115976

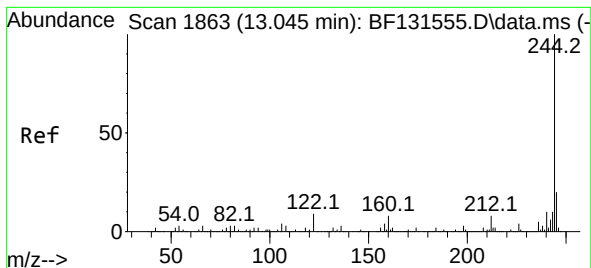
Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

236 24.9 20.2 30.2





#79

Terphenyl-d14

Concen: 57.943 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BF131599.D

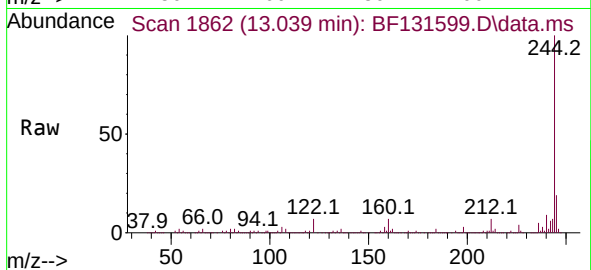
Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

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COMP-SAMPLE-TANK-1-2-3-4-5



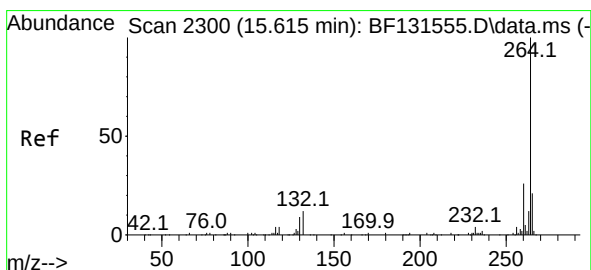
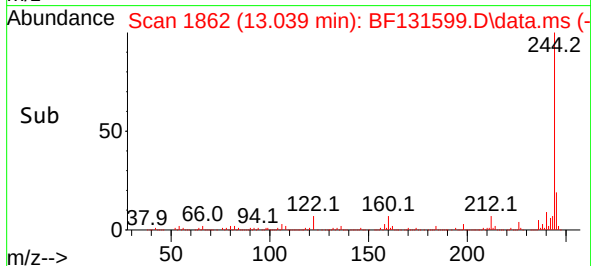
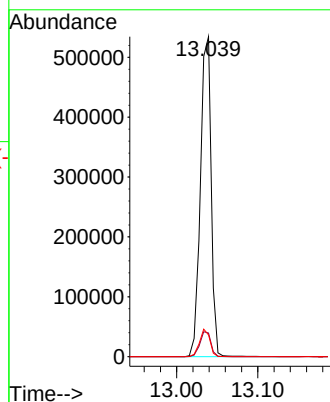
Tgt Ion:244 Resp: 490005

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 6.8 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 2299

Delta R.T. -0.006 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

Tgt Ion:264 Resp: 128318

Ion Ratio Lower Upper

264 100

260 25.0 20.6 30.8

265 21.2 16.8 25.2

