

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131696.D
 Acq On : 19 Dec 2022 19:05
 Operator : CG\JU
 Sample : N6091-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-121522

Quant Time: Dec 20 01:05:50 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 20 00:23:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75116	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	270931	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153878	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	267817	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	148276	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	175609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	383908	85.264	ng	0.00
7) Phenol-d6	6.504	99	498228	84.441	ng	0.00
23) Nitrobenzene-d5	7.440	82	350701	48.938	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	124491	72.817	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	619227	50.739	ng	0.00
79) Terphenyl-d14	13.010	244	576003	53.274	ng	0.00

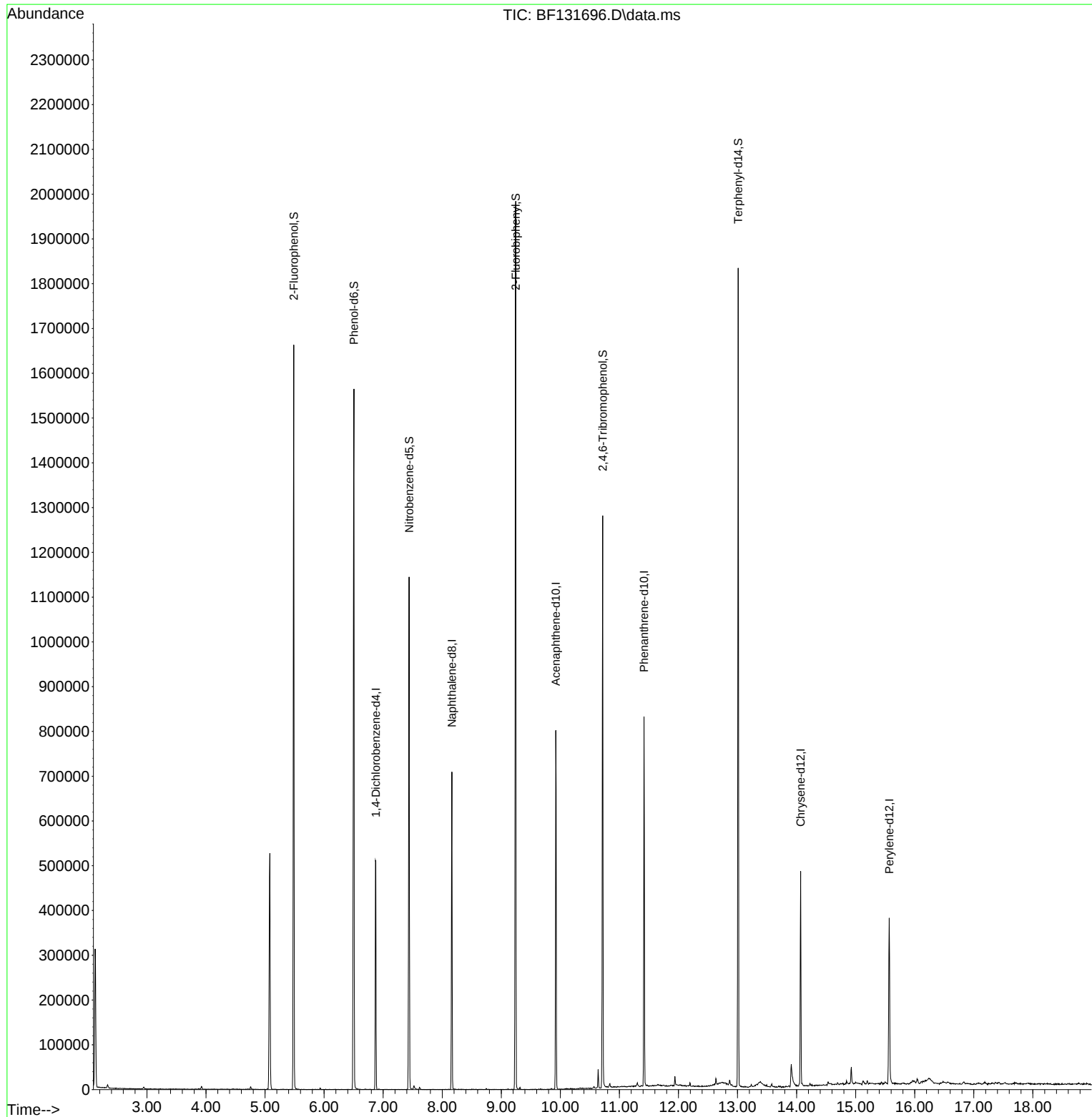
Target Compounds Qvalue

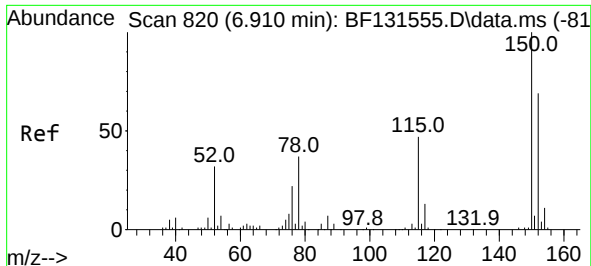
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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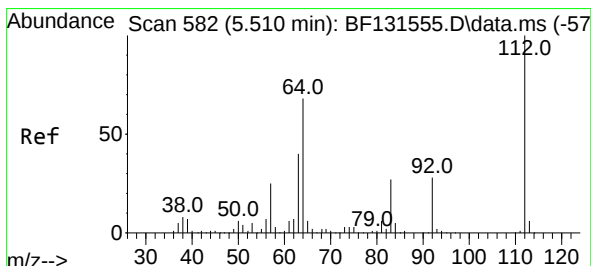
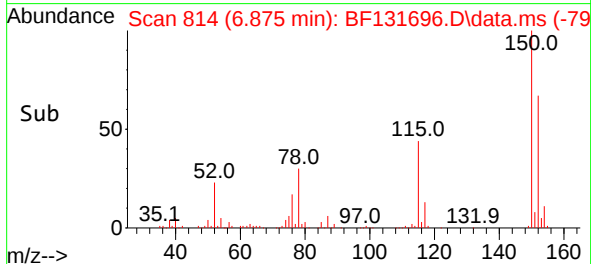
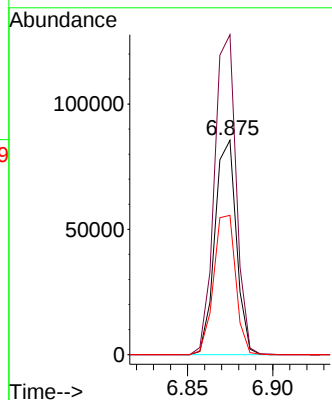
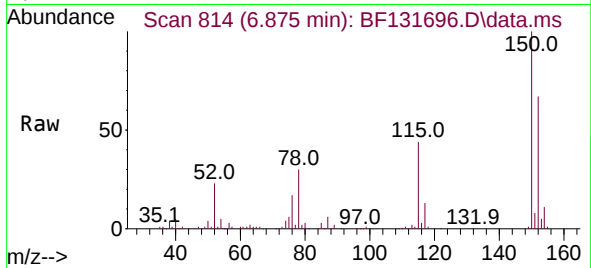




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

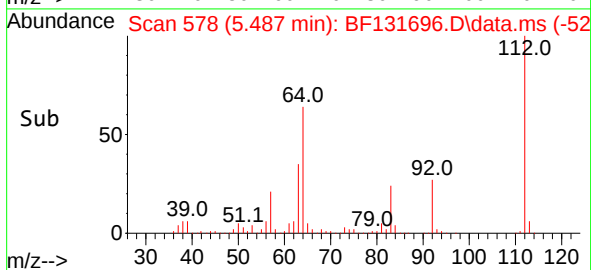
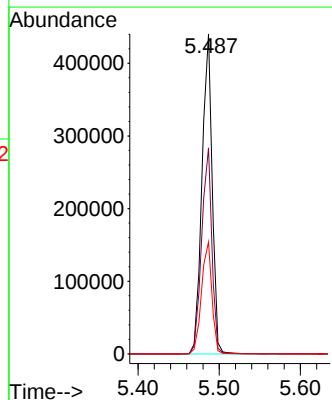
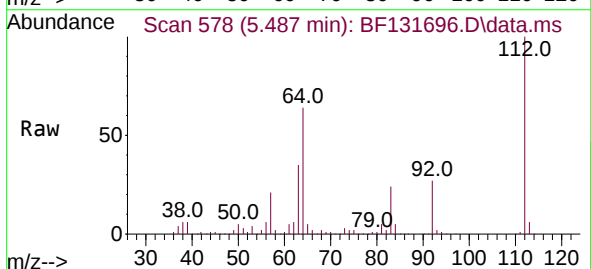
Instrument :
BNA_F
ClientSampleId :
BU-02-121522

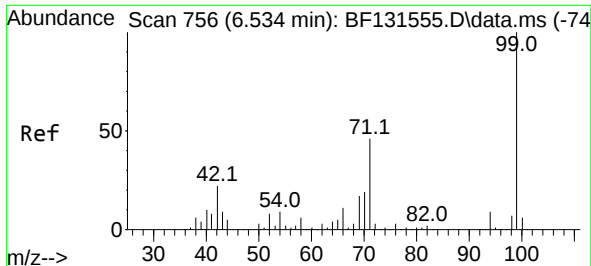
Tgt Ion:152 Resp: 75116
Ion Ratio Lower Upper
152 100
150 149.3 116.7 175.1
115 64.9 54.6 82.0



#5
2-Fluorophenol
Concen: 85.264 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

Tgt Ion:112 Resp: 383908
Ion Ratio Lower Upper
112 100
64 64.4 54.5 81.7
63 35.0 31.9 47.9

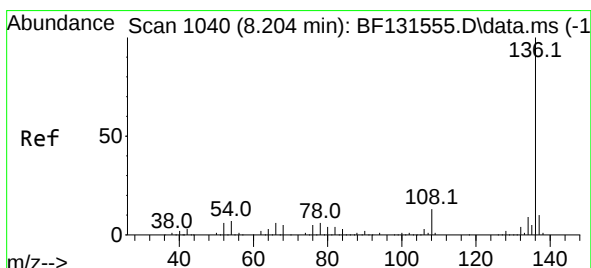
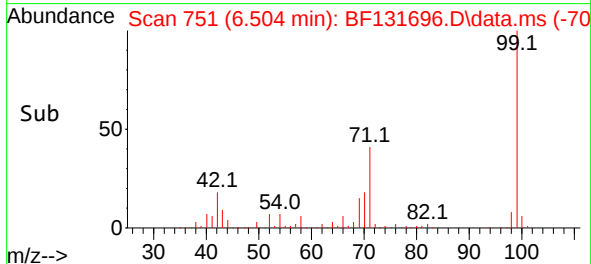
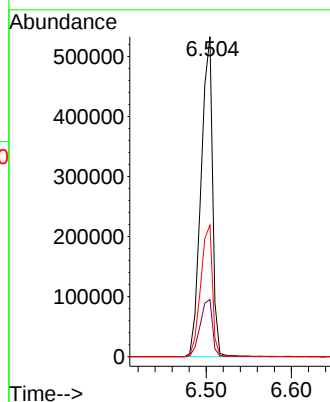
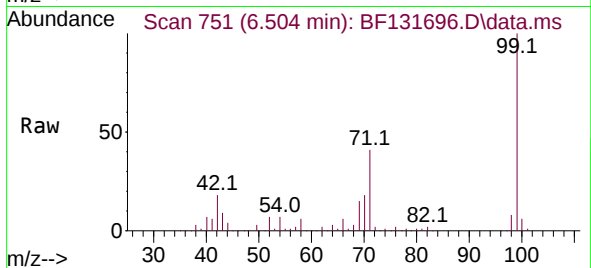




#7
Phenol-d6
Concen: 84.441 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

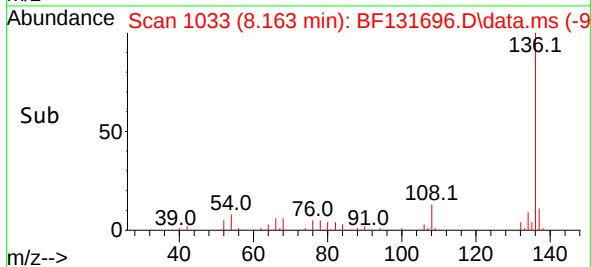
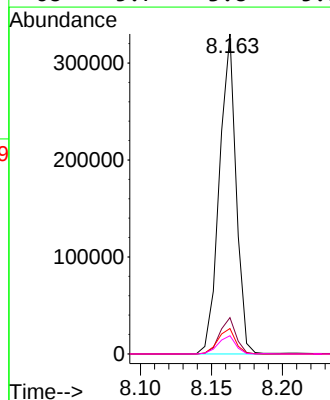
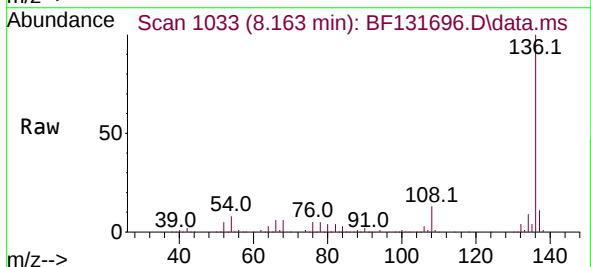
Instrument :
BNA_F
ClientSampleId :
BU-02-121522

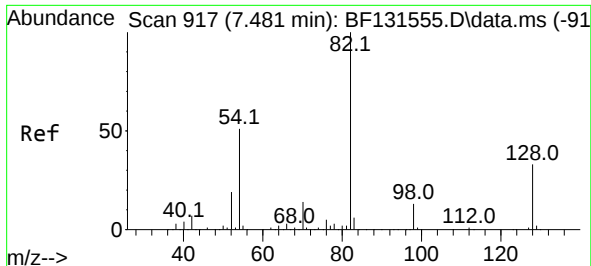
Tgt Ion: 99 Resp: 498228
Ion Ratio Lower Upper
99 100
42 17.8 17.9 26.9#
71 41.1 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

Tgt Ion: 136 Resp: 270931
Ion Ratio Lower Upper
136 100
137 11.3 8.1 12.1
54 7.9 6.0 9.0
68 5.7 3.8 5.8

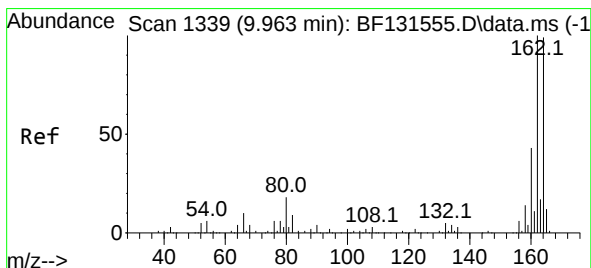
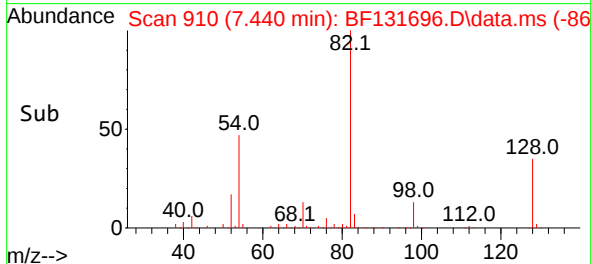
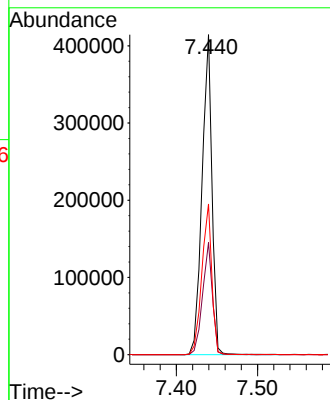
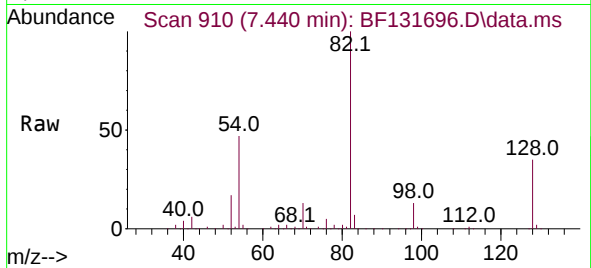




#23
 Nitrobenzene-d5
 Concen: 48.938 ng
 RT: 7.440 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF131696.D
 Acq: 19 Dec 2022 19:05

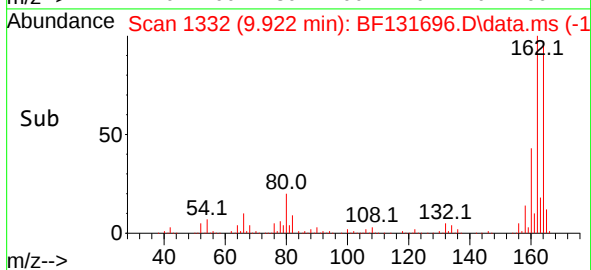
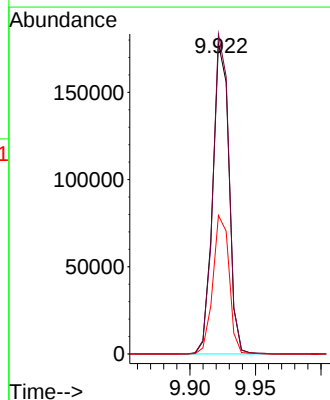
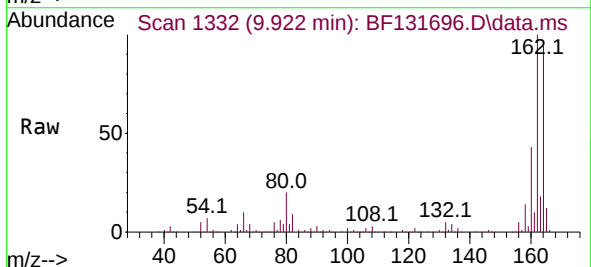
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-121522

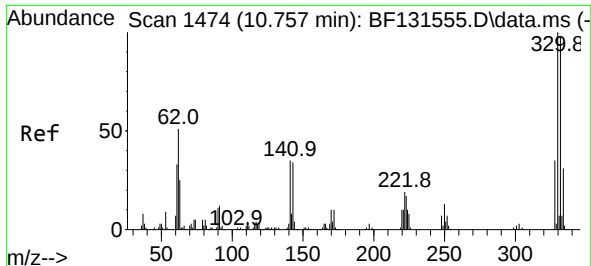
Tgt Ion: 82 Resp: 350701
 Ion Ratio Lower Upper
 82 100
 128 35.0 26.1 39.1
 54 47.1 40.6 60.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1332
 Delta R.T. -0.006 min
 Lab File: BF131696.D
 Acq: 19 Dec 2022 19:05

Tgt Ion:164 Resp: 153878
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.0 121.6
 160 44.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 72.817 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131696.D

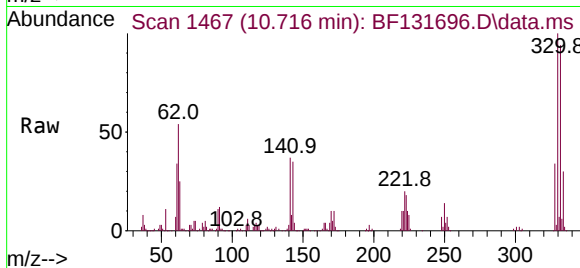
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Instrument :

BNA_F

ClientSampleId :

BU-02-121522



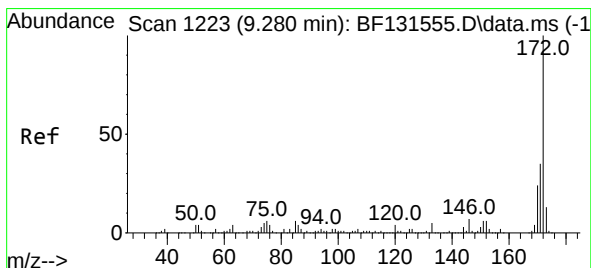
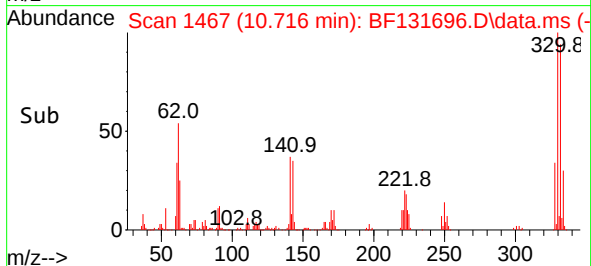
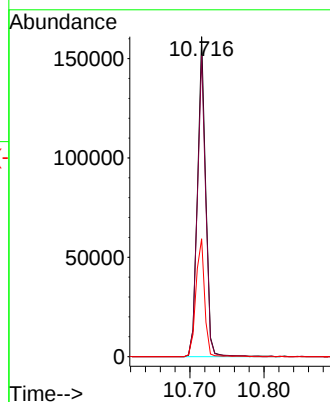
Tgt Ion:330 Resp: 124491

Ion Ratio Lower Upper

330 100

332 95.2 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 50.739 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131696.D

Acq: 19 Dec 2022 19:05

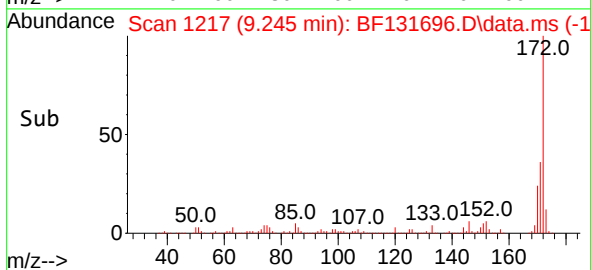
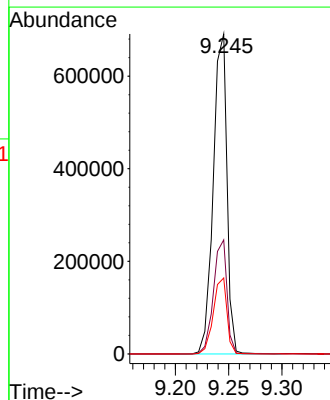
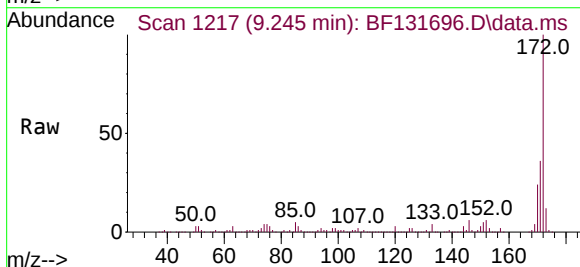
Tgt Ion:172 Resp: 619227

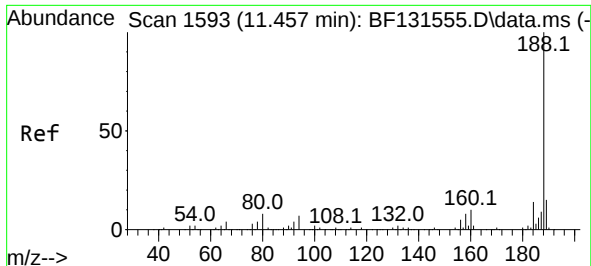
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.3 28.9

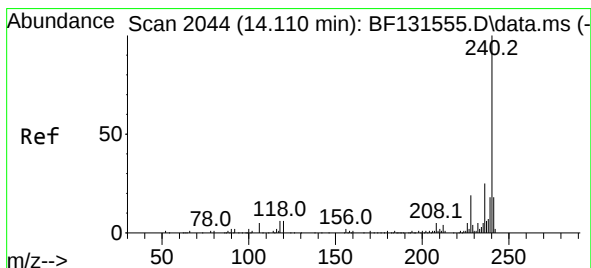
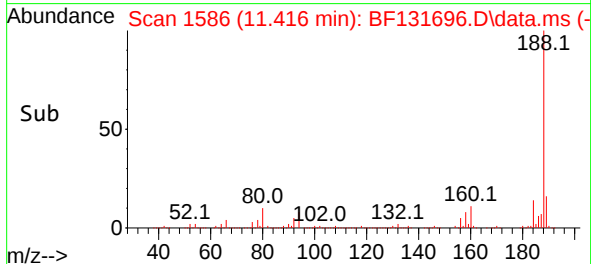
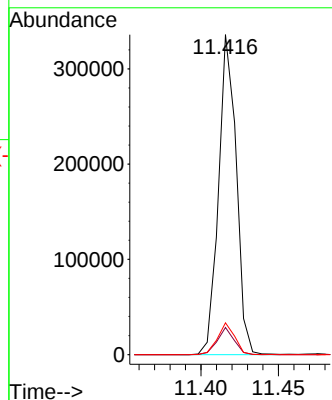
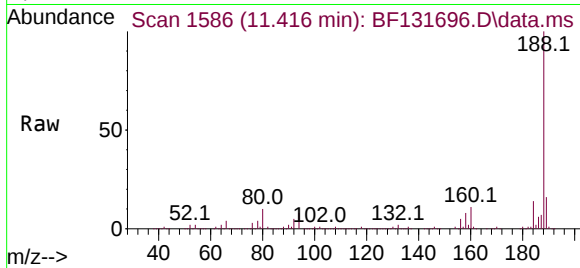




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

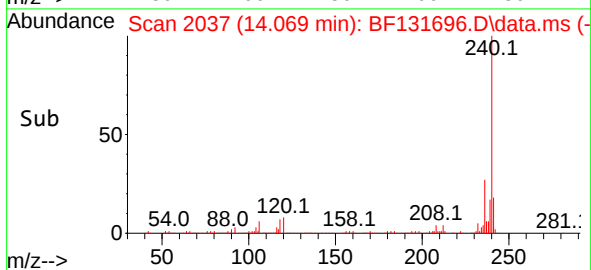
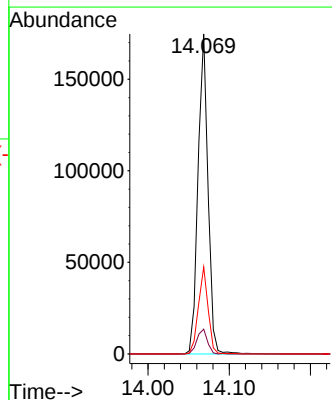
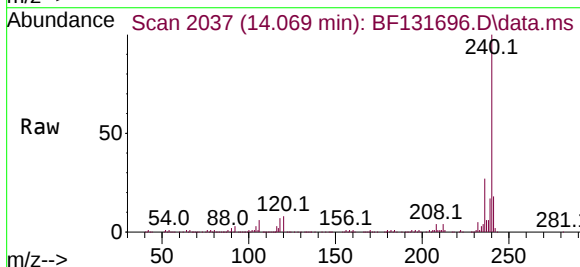
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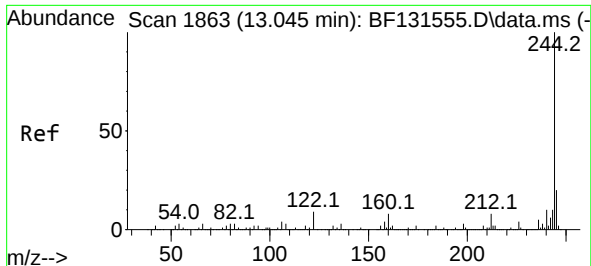
Tgt Ion:188 Resp: 267817
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 10.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

Tgt Ion:240 Resp: 148276
Ion Ratio Lower Upper
240 100
120 7.7 4.6 7.0#
236 27.2 20.2 30.2

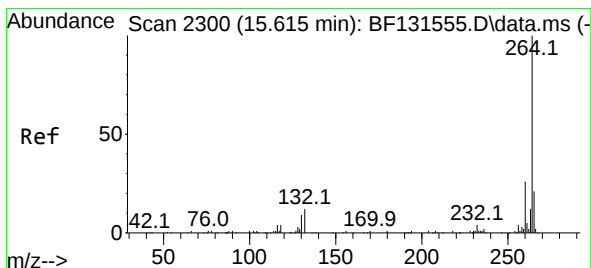
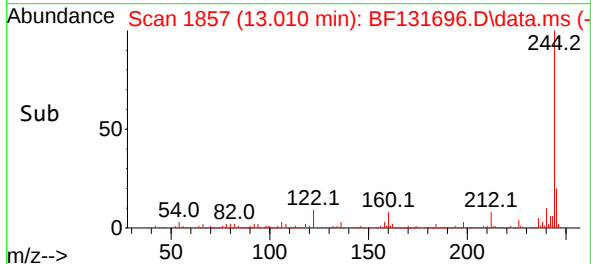
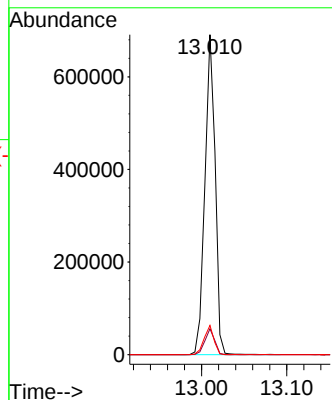
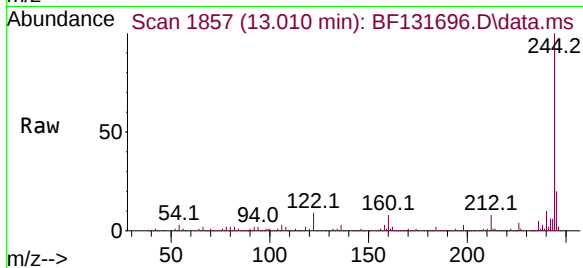




#79
Terphenyl-d14
Concen: 53.274 ng
RT: 13.010 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

Instrument :
BNA_F
ClientSampleId :
BU-02-121522

Tgt Ion:244 Resp: 576003
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.1 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BF131696.D
Acq: 19 Dec 2022 19:05

Tgt Ion:264 Resp: 175609
Ion Ratio Lower Upper
264 100
260 23.7 20.6 30.8
265 21.0 16.8 25.2

