

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130896.D
 Acq On : 01 Nov 2022 12:38
 Operator : CG\JU
 Sample : N5316-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-NE-QUARTER

Quant Time: Nov 01 13:02:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	86404	20.000	ng	-0.01
21) Naphthalene-d8	8.216	136	343228	20.000	ng	-0.02
39) Acenaphthene-d10	9.981	164	197420	20.000	ng	-0.02
64) Phenanthrene-d10	11.475	188	381492	20.000	ng	-0.01
76) Chrysene-d12	14.121	240	240451	20.000	ng	-0.01
86) Perylene-d12	15.639	264	150472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	697073	139.861	ng	0.02
7) Phenol-d6	6.563	99	840325	129.745	ng	0.00
23) Nitrobenzene-d5	7.498	82	691559	121.494	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	341618	205.561	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1259685	96.469	ng	-0.01
79) Terphenyl-d14	13.074	244	1587340	120.970	ng	0.00

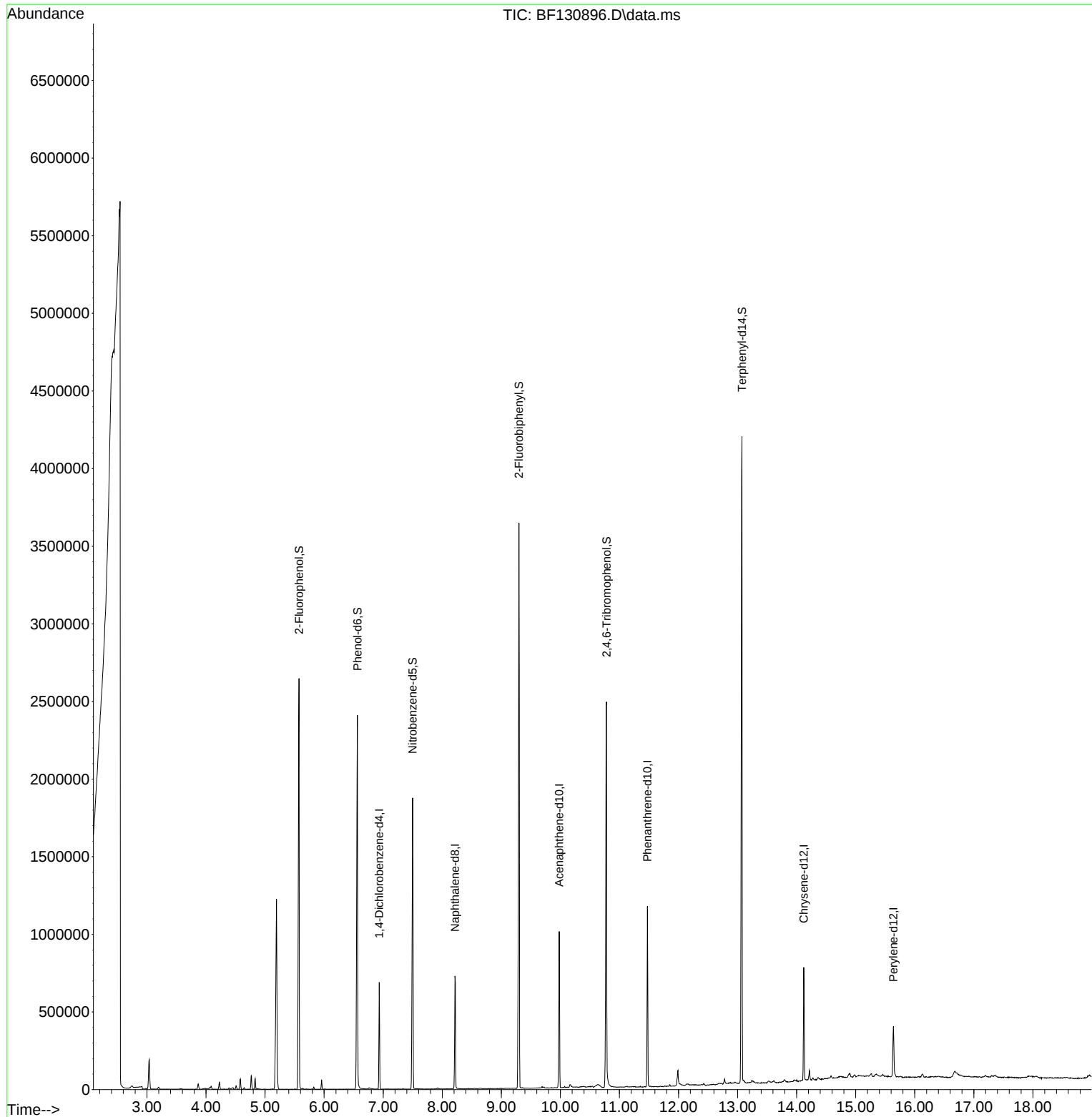
Target Compounds	Qvalue

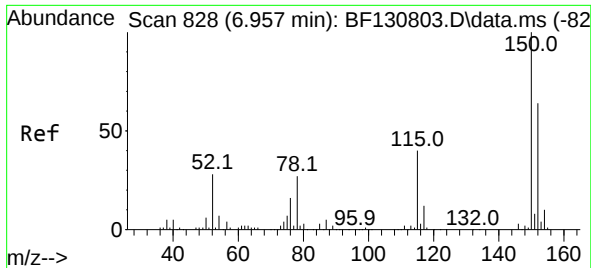
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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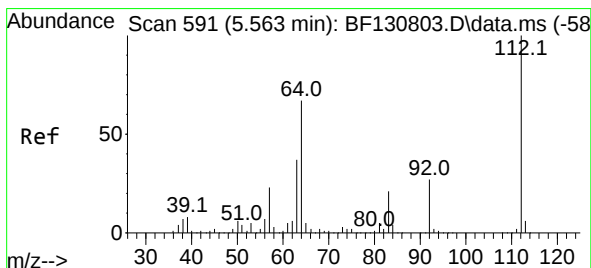
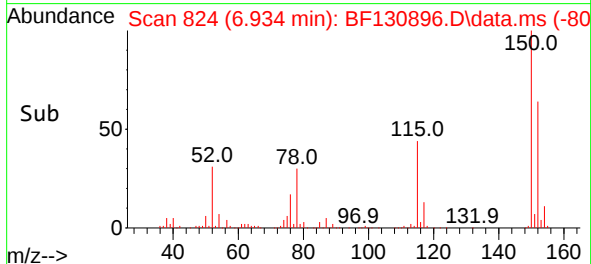
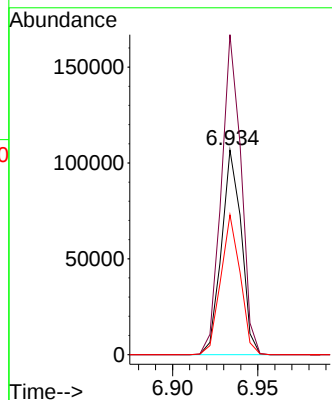
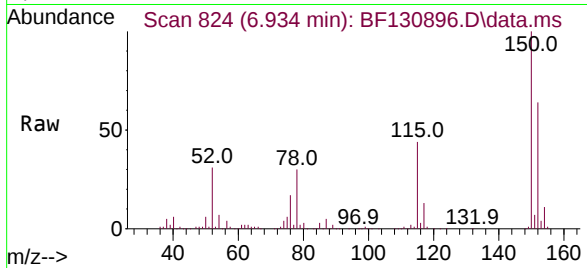




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

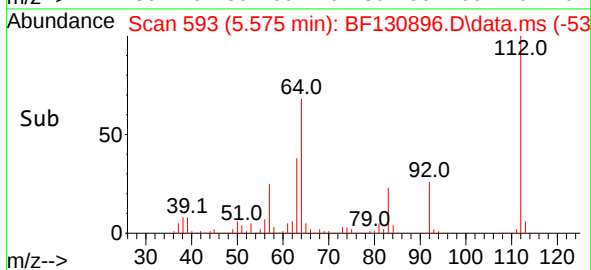
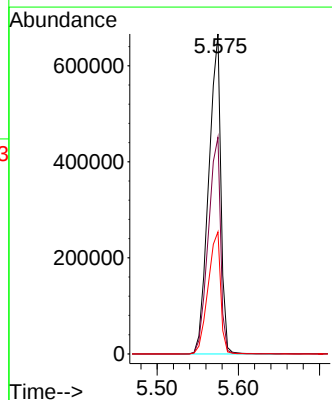
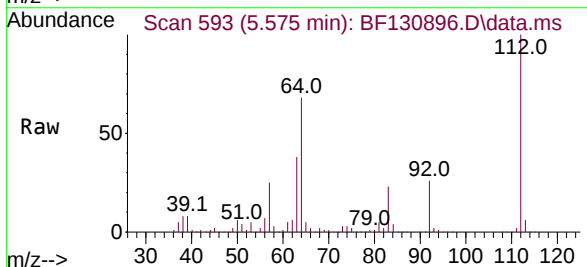
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-NE-QUARTER

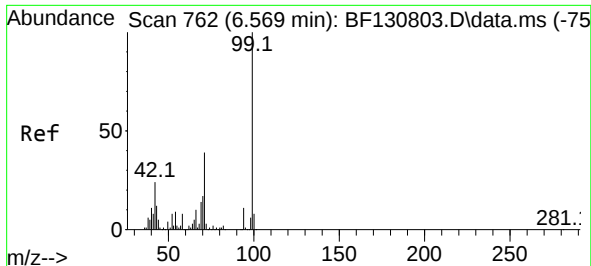
Tgt Ion:152 Resp: 86404
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 68.4 50.1 75.1



#5
2-Fluorophenol
Concen: 139.861 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

Tgt Ion:112 Resp: 697073
Ion Ratio Lower Upper
112 100
64 67.7 53.9 80.9
63 38.1 29.4 44.2

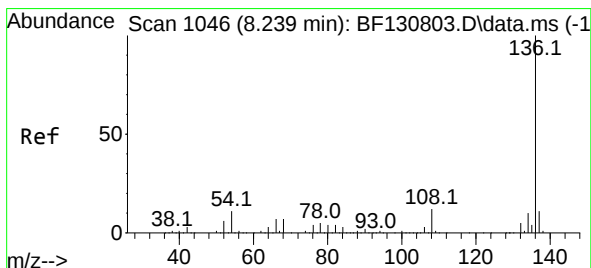
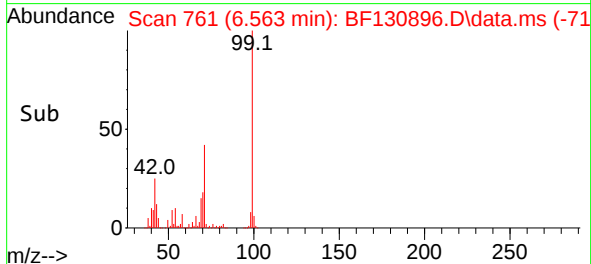
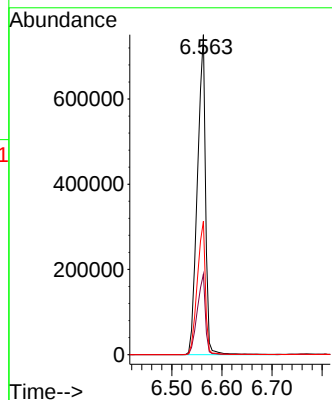
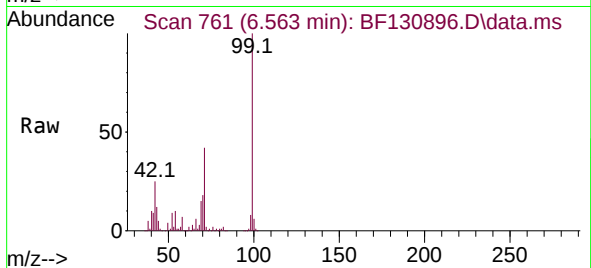




#7
Phenol-d6
Concen: 129.745 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

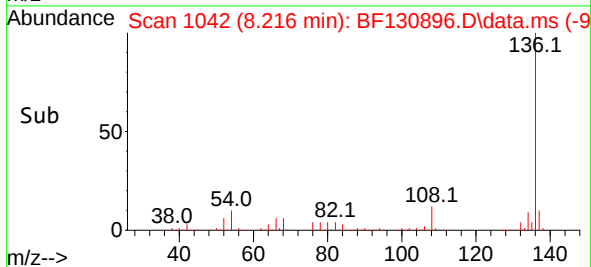
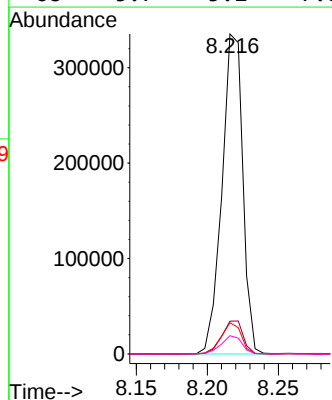
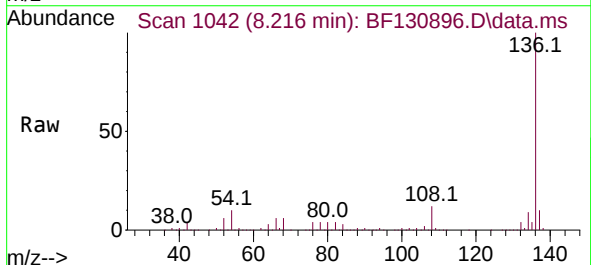
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-NE-QUARTER

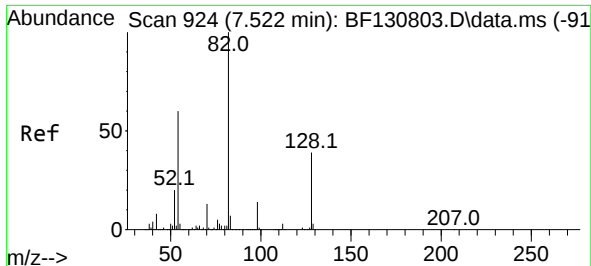
Tgt Ion: 99 Resp: 840325
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 41.7 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.018 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

Tgt Ion: 136 Resp: 343228
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 9.7 8.8 13.2
68 5.7 5.2 7.8

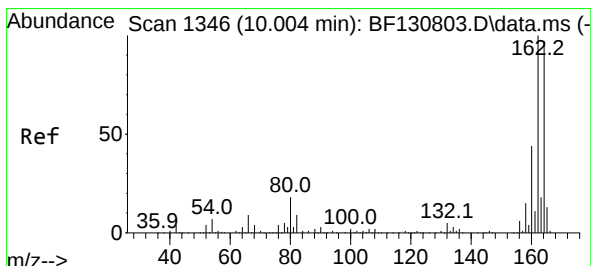
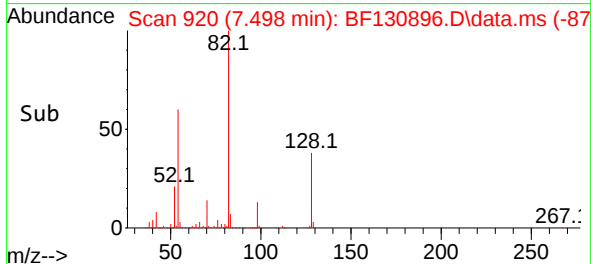
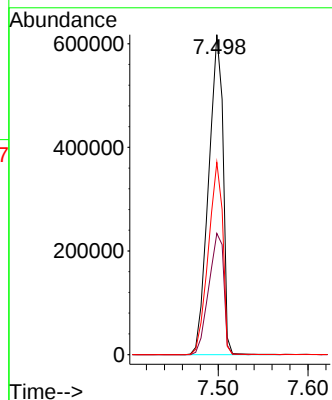
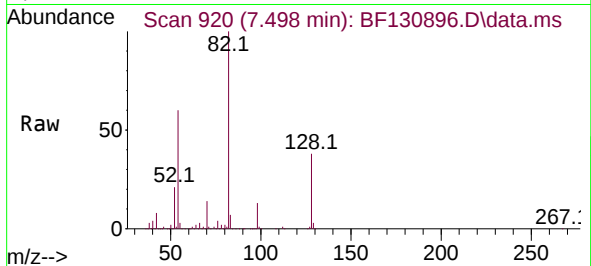




#23
Nitrobenzene-d5
Concen: 121.494 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

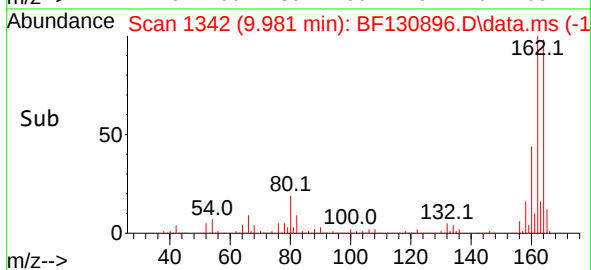
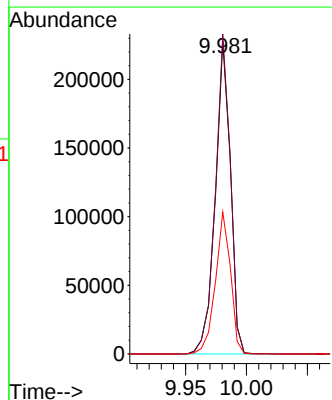
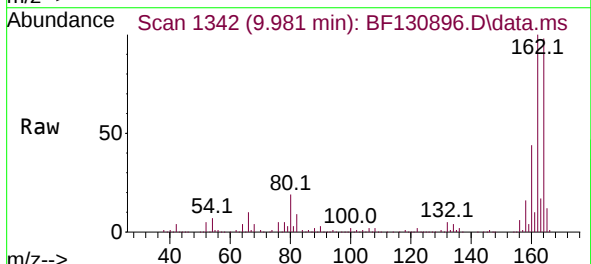
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-NE-QUARTER

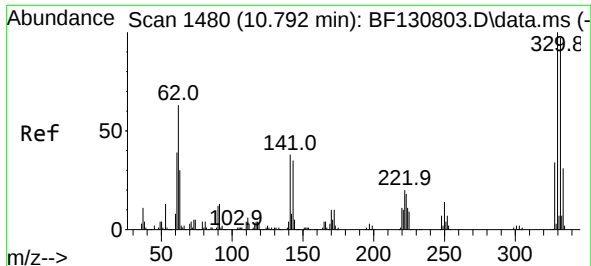
Tgt Ion: 82 Resp: 691559
Ion Ratio Lower Upper
82 100
128 37.9 31.2 46.8
54 60.1 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

Tgt Ion:164 Resp: 197420
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 205.561 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130896.D

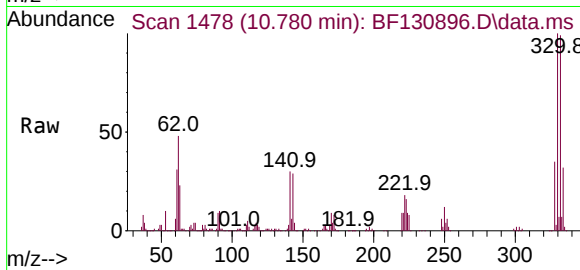
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Instrument :

BNA_F

ClientSampleId :

COMPOSITE-NE-QUARTER



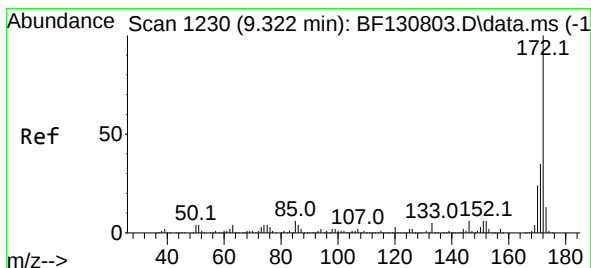
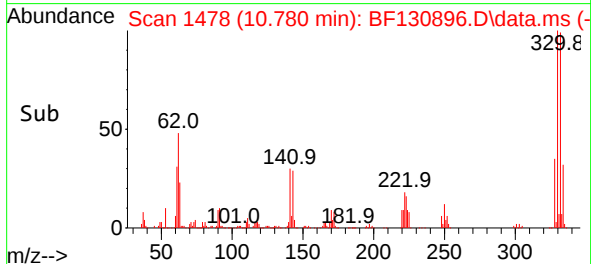
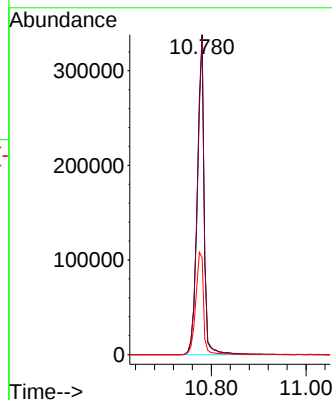
Tgt Ion:330 Resp: 341618

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

141 36.5 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 96.469 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.012 min

Lab File: BF130896.D

Acq: 01 Nov 2022 12:38

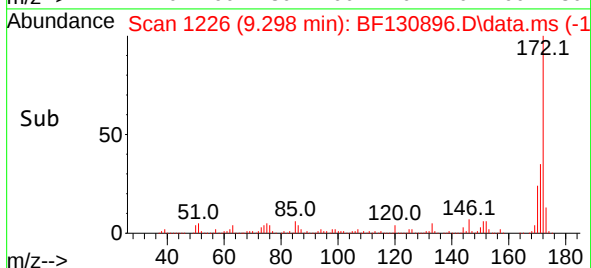
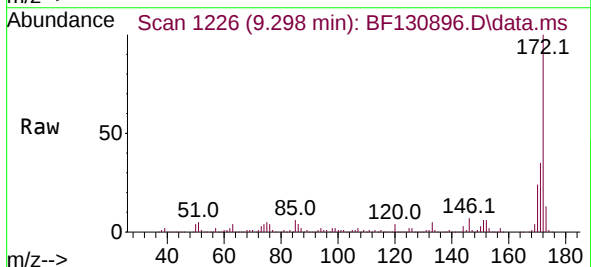
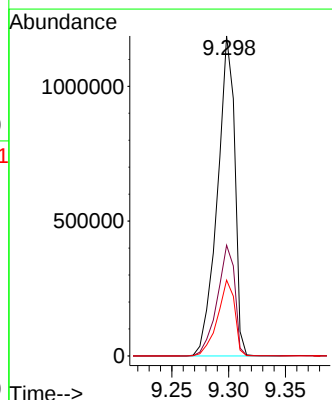
Tgt Ion:172 Resp: 1259685

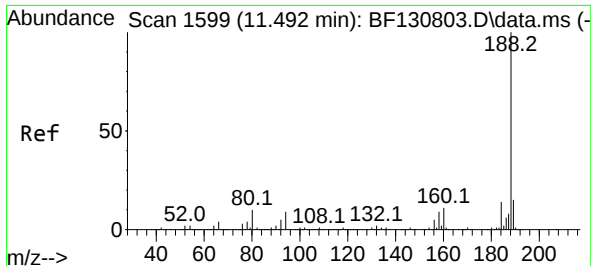
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.7 19.0 28.4

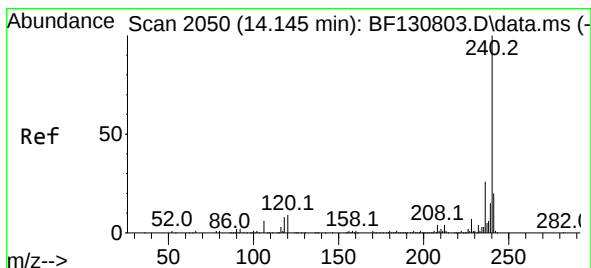
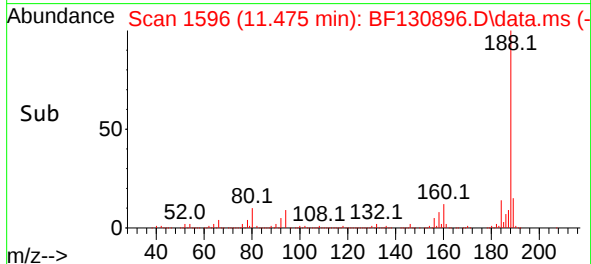
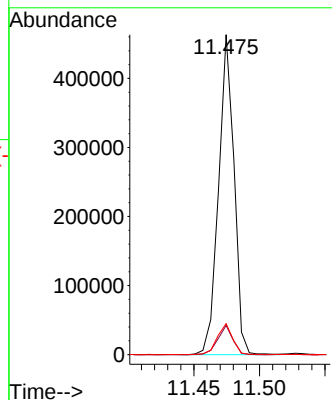
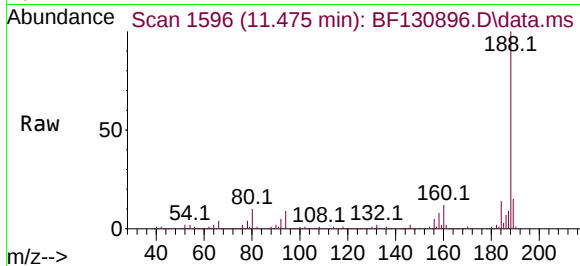




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

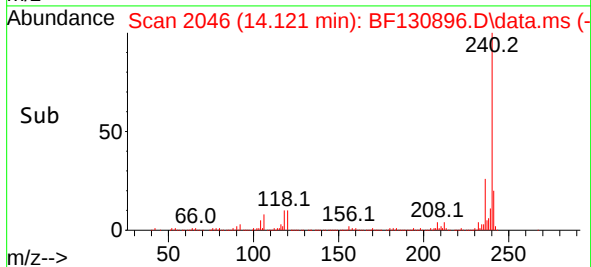
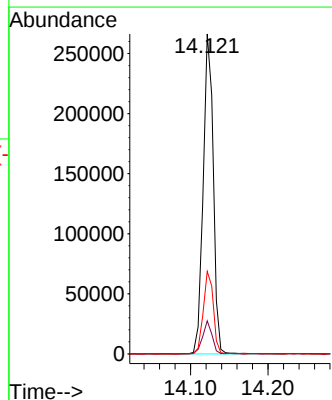
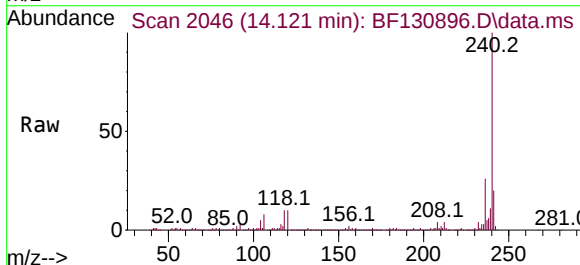
Instrument :
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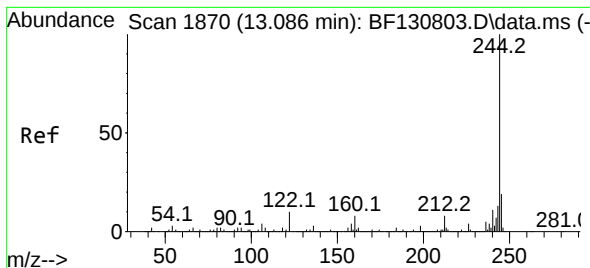
Tgt Ion:188 Resp: 381492
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF130896.D
Acq: 01 Nov 2022 12:38

Tgt Ion:240 Resp: 240451
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.4
236 25.8 20.5 30.7





#79

Terphenyl-d14

Concen: 120.970 ng

RT: 13.074 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BF130896.D

Acq: 01 Nov 2022 12:38

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-NE-QUARTER

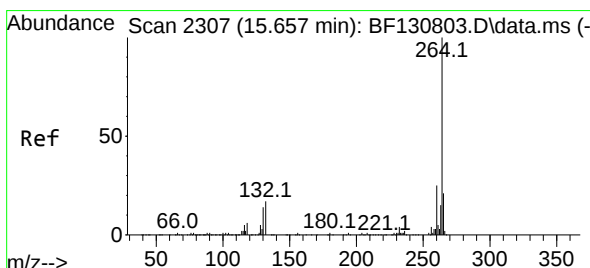
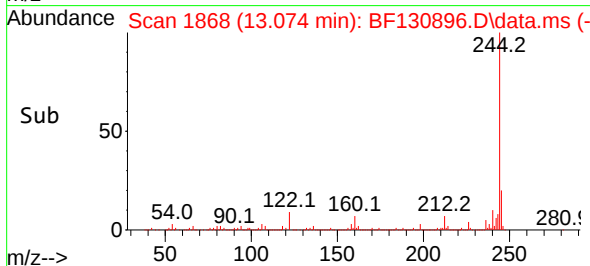
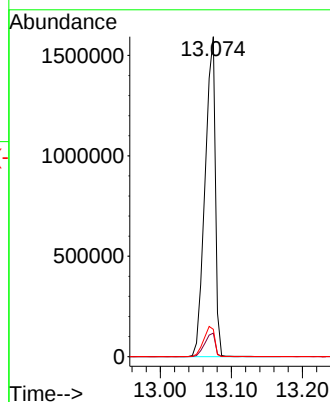
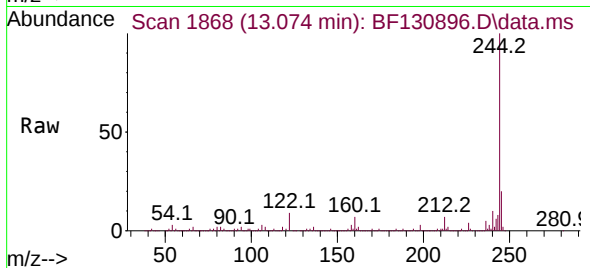
Tgt Ion:244 Resp: 1587340

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 8.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2304

Delta R.T. -0.006 min

Lab File: BF130896.D

Acq: 01 Nov 2022 12:38

Tgt Ion:264 Resp: 150472

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 21.0 17.0 25.6

