

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134241.D
 Acq On : 12 Jul 2023 11:46
 Operator : CG\JU
 Sample : 03555-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-330

Quant Time: Jul 12 13:13:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

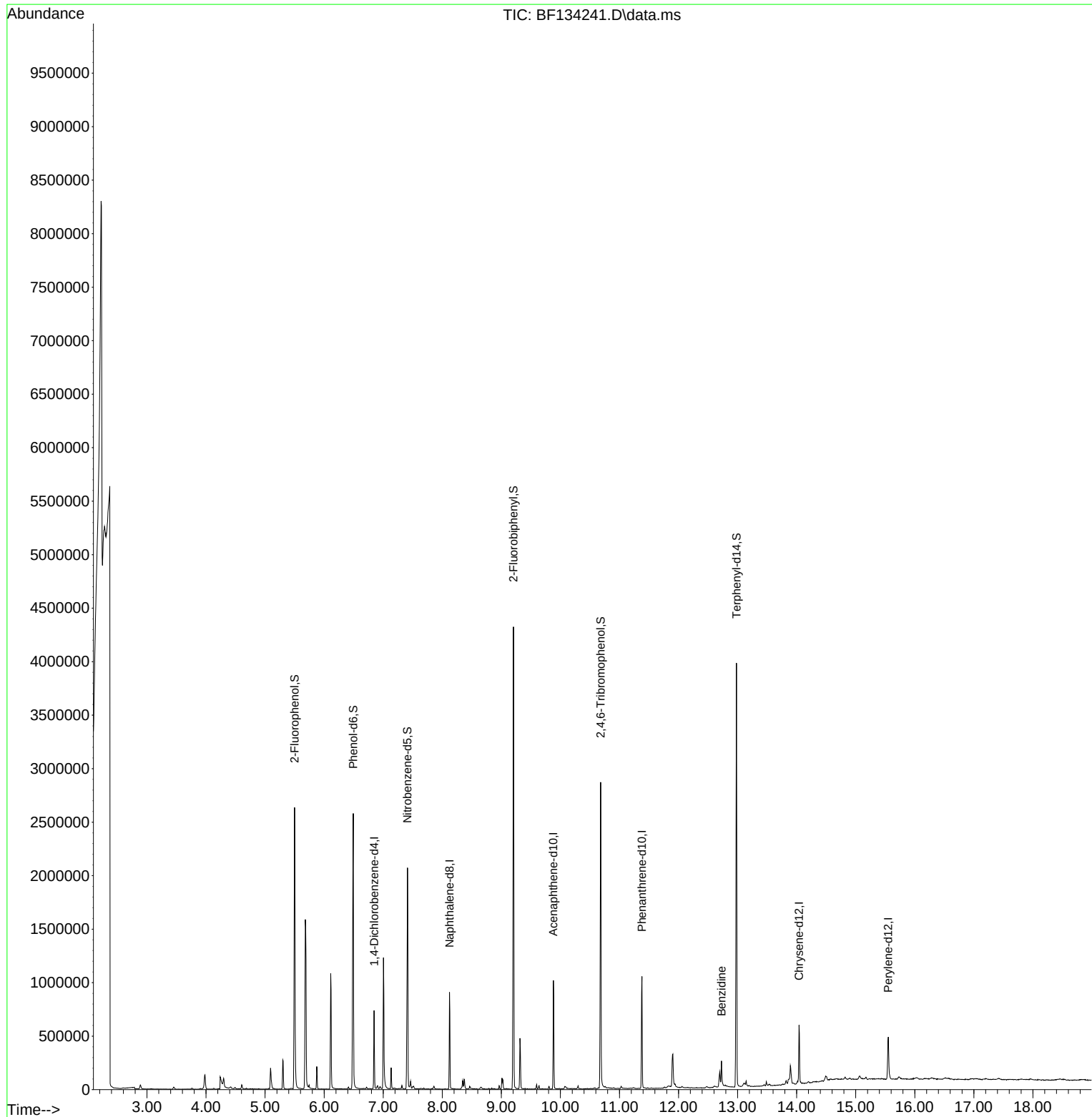
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	94913	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	371462	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	196523	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	395169	20.000	ng	0.00
76) Chrysene-d12	14.039	240	195389	20.000	ng	0.00
86) Perylene-d12	15.551	264	198279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	755526	133.156	ng	0.02
7) Phenol-d6	6.493	99	825602	118.317	ng	0.00
23) Nitrobenzene-d5	7.410	82	690715	100.234	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	377558	153.229	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1276366	94.427	ng	0.00
79) Terphenyl-d14	12.980	244	1417488	116.758	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	98734	21.237	ng	Qvalue 99

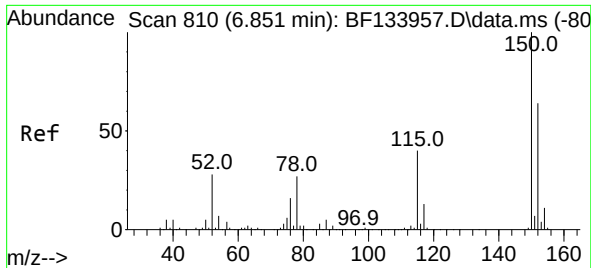
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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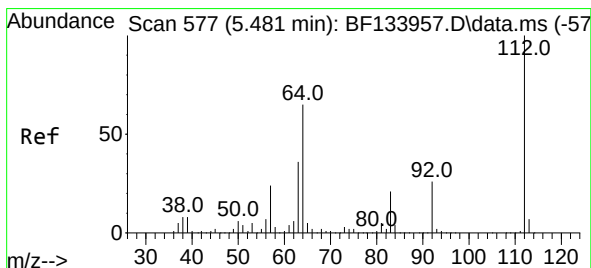
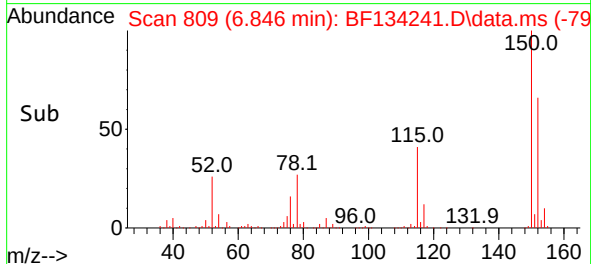
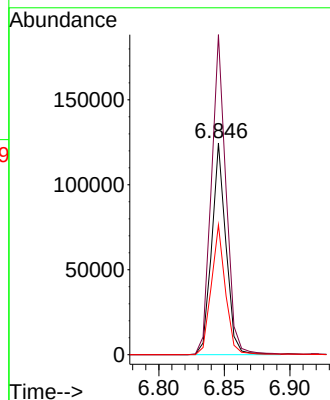
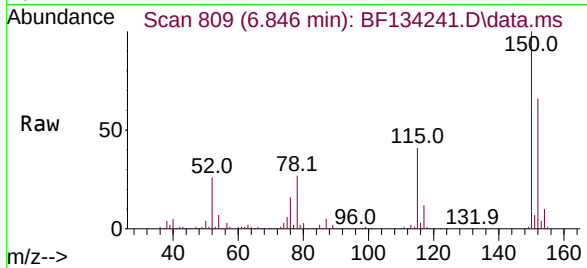




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

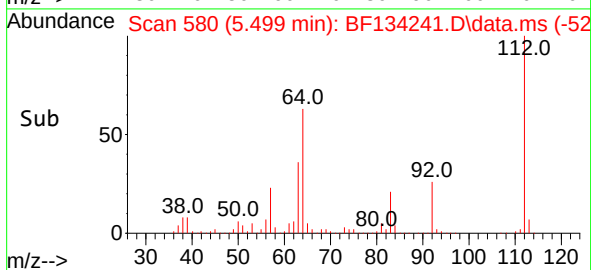
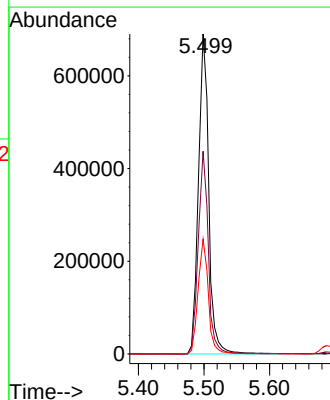
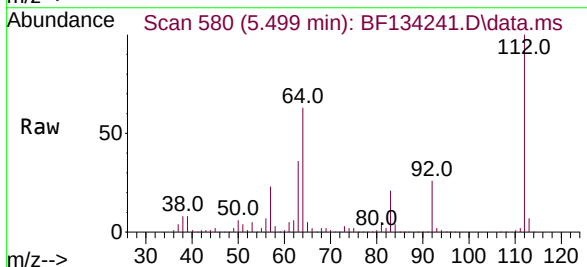
Instrument :
BNA_F
ClientSampleId :
ETGI-330

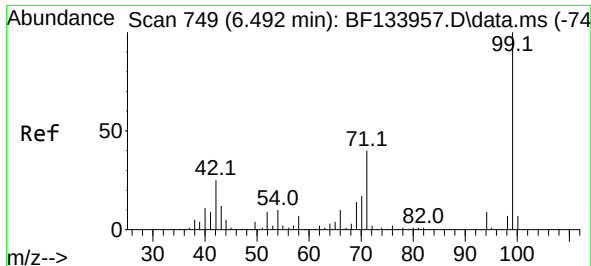
Tgt Ion:152 Resp: 94913
Ion Ratio Lower Upper
152 100
150 151.2 124.5 186.7
115 61.3 50.2 75.2



#5
2-Fluorophenol
Concen: 133.156 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

Tgt Ion:112 Resp: 755526
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 35.9 28.6 42.8

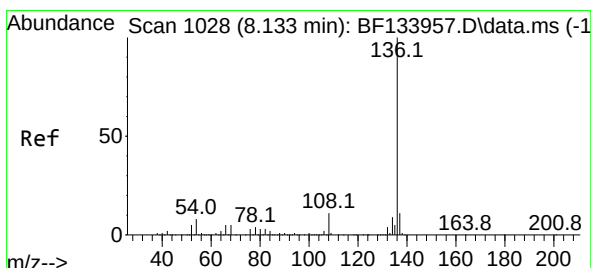
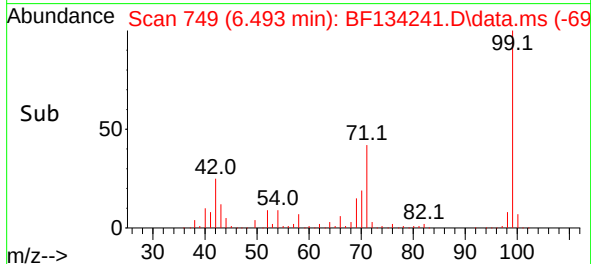
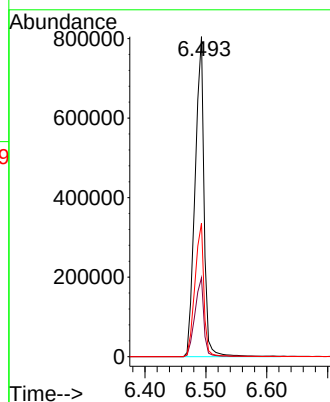
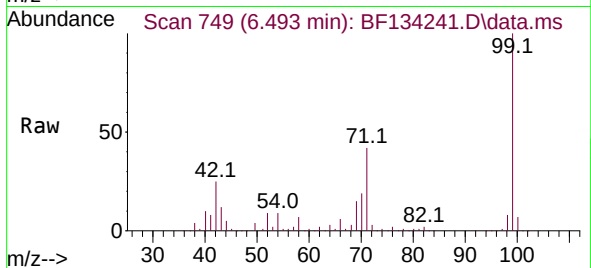




#7
Phenol-d6
Concen: 118.317 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

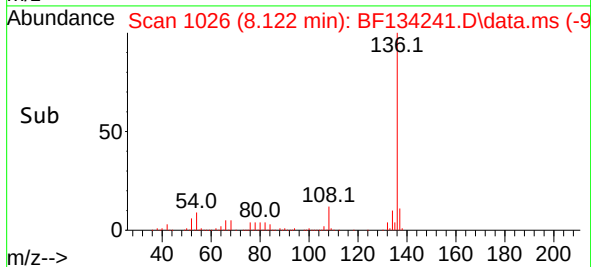
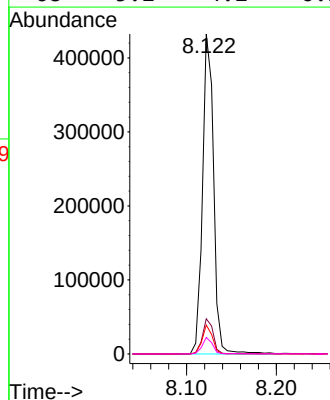
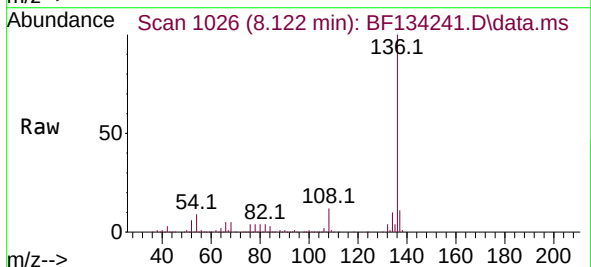
Instrument :
BNA_F
ClientSampleId :
ETGI-330

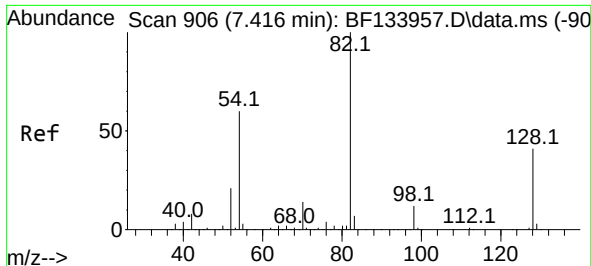
Tgt Ion: 99 Resp: 825602
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 41.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

Tgt Ion:136 Resp: 371462
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.0 6.5 9.7
68 5.2 4.2 6.2

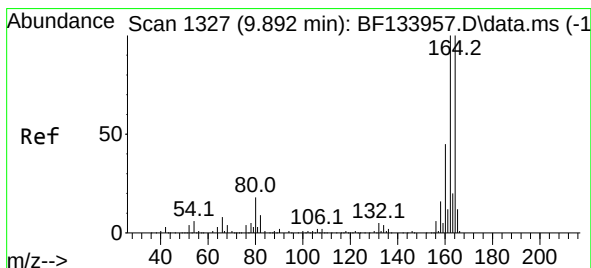
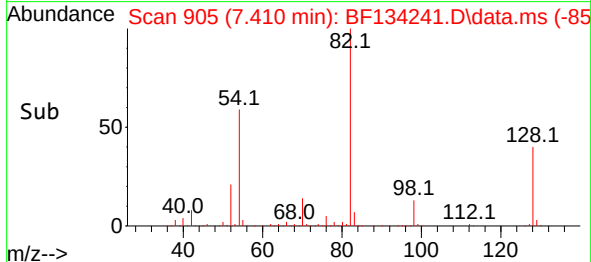
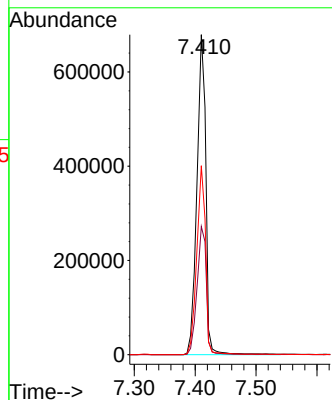
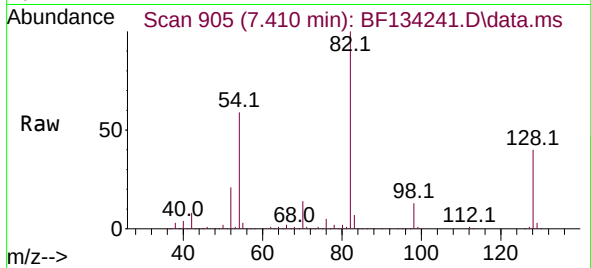




#23
Nitrobenzene-d5
Concen: 100.234 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

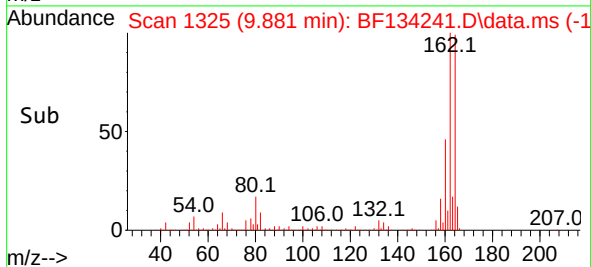
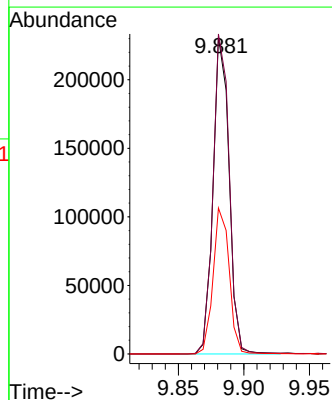
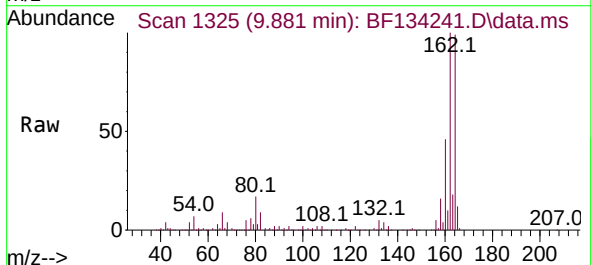
Instrument :
BNA_F
ClientSampleId :
ETGI-330

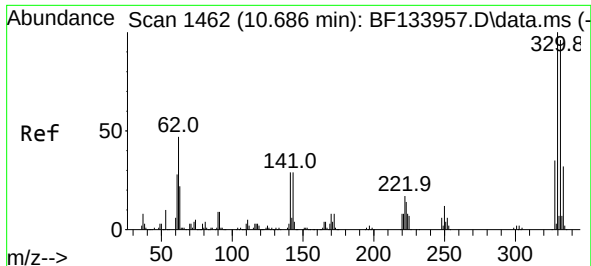
Tgt Ion: 82 Resp: 690715
Ion Ratio Lower Upper
82 100
128 40.1 32.5 48.7
54 59.1 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

Tgt Ion:164 Resp: 196523
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 153.229 ng

RT: 10.681 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF134241.D

Acq: 12 Jul 2023 11:46

Instrument :

BNA_F

ClientSampleId :

ETGI-330

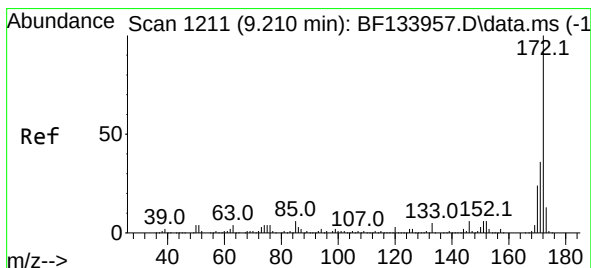
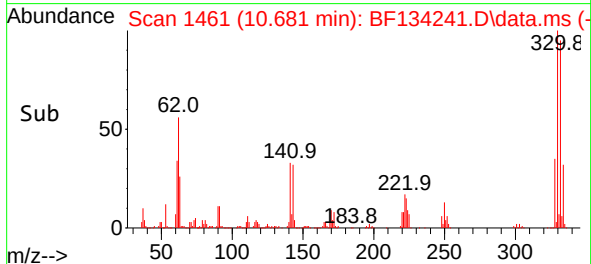
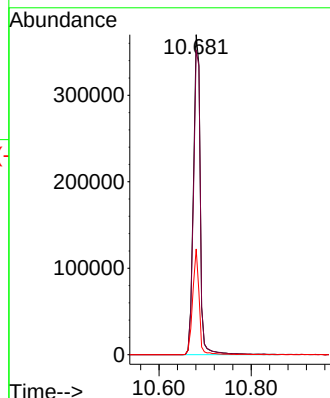
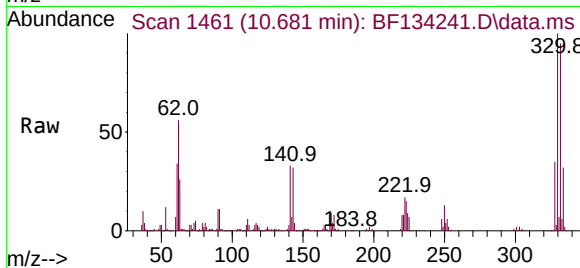
Tgt Ion:330 Resp: 377558

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 31.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 94.427 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134241.D

Acq: 12 Jul 2023 11:46

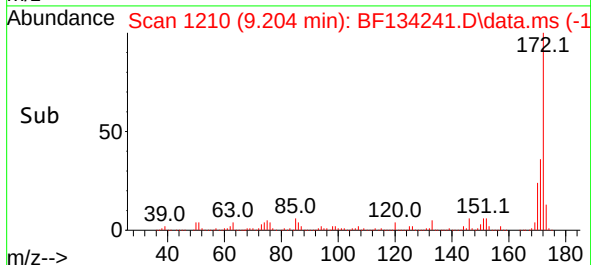
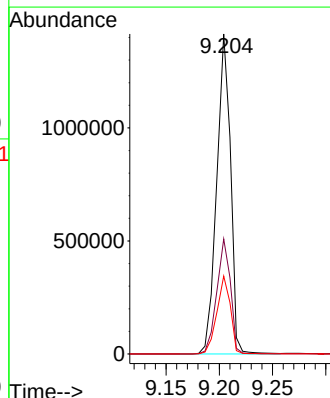
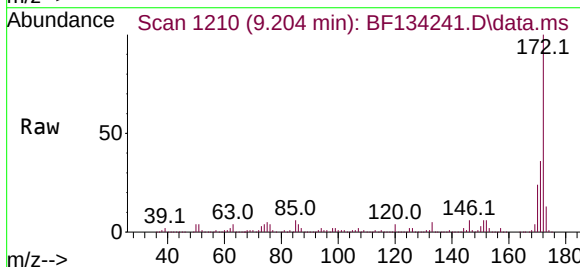
Tgt Ion:172 Resp: 1276366

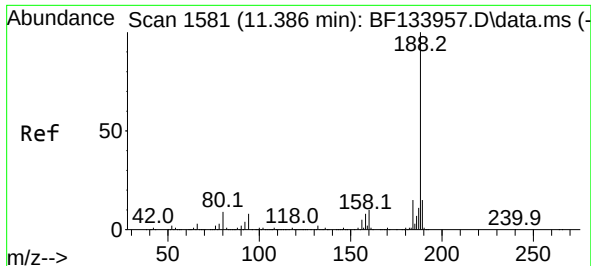
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.3 19.4 29.0

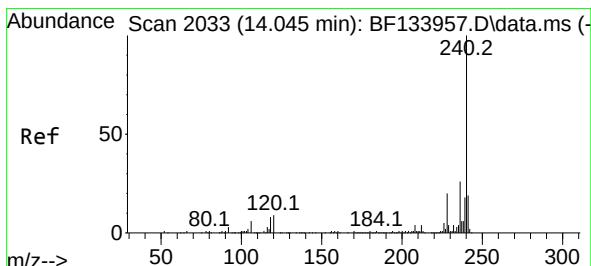
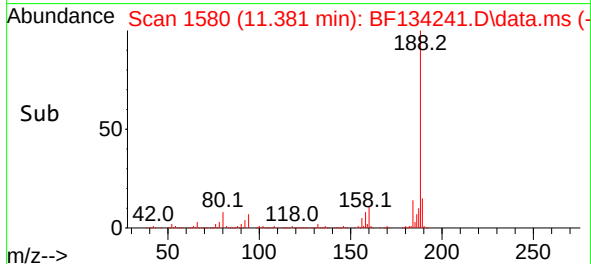
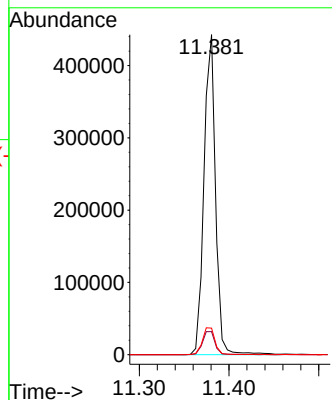
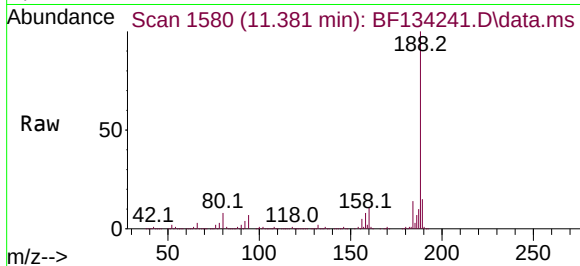




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

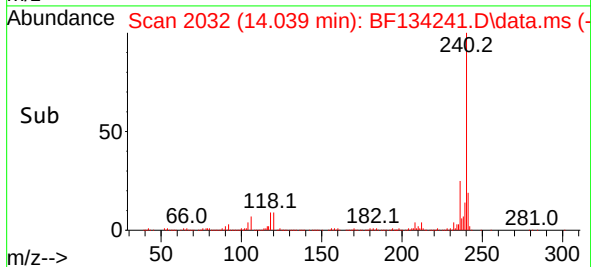
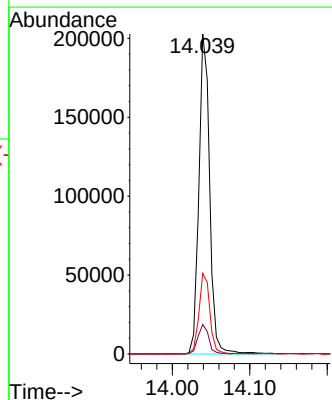
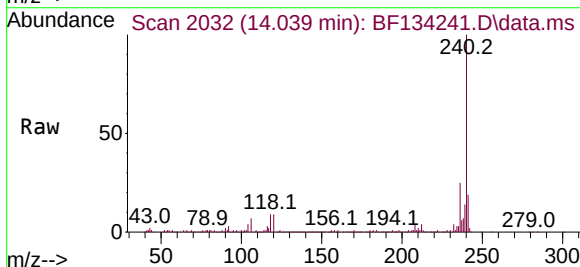
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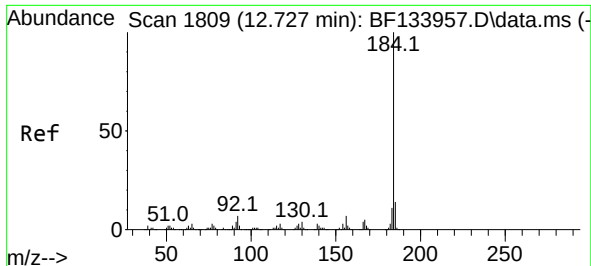
Tgt Ion:188 Resp: 395169
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 8.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

Tgt Ion:240 Resp: 195389
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.2 21.0 31.6

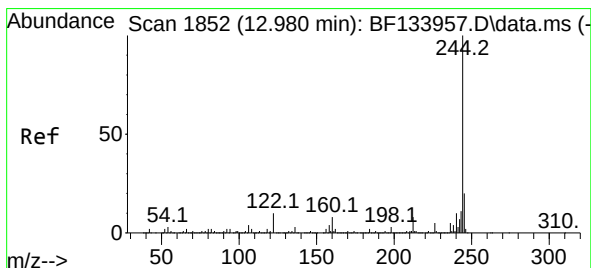
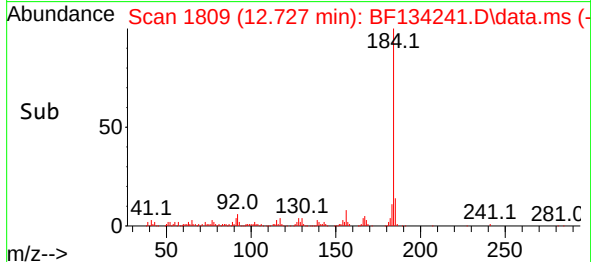
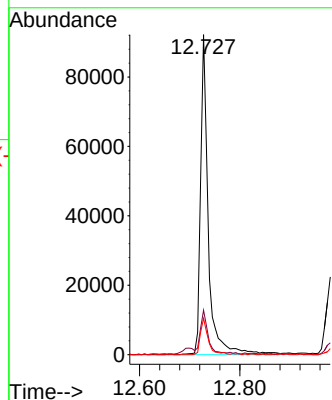
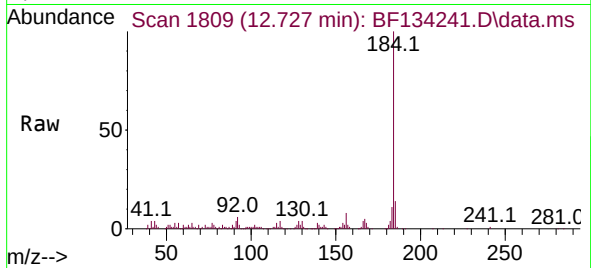




#77
Benzidine
Concen: 21.237 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

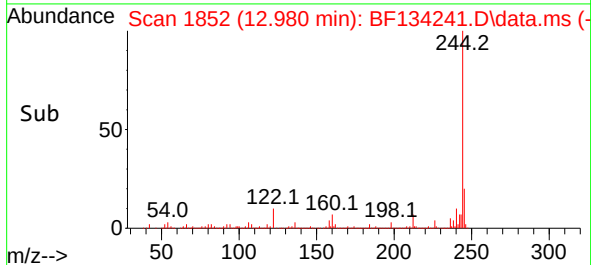
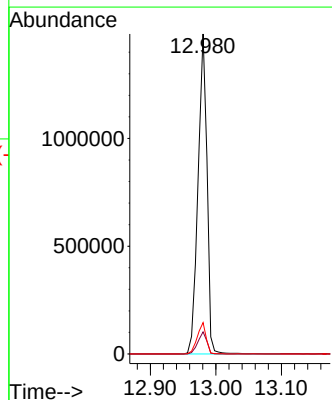
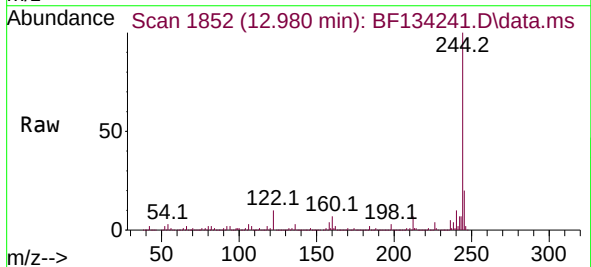
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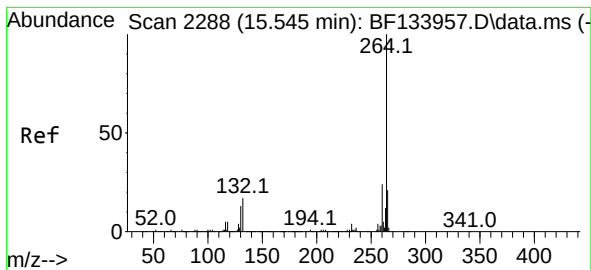
Tgt Ion:184 Resp: 98734
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 11.4 8.8 13.2



#79
Terphenyl-d14
Concen: 116.758 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF134241.D
Acq: 12 Jul 2023 11:46

Tgt Ion:244 Resp: 1417488
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.8 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134241.D

Acq: 12 Jul 2023 11:46

Instrument :

BNA_F

ClientSampleId :

ETGI-330

Tgt Ion:264 Resp: 198279

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.9 16.6 25.0

