

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136727.D
 Acq On : 26 Dec 2023 19:28
 Operator : CG\JU
 Sample : 05990-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-281

Quant Time: Dec 27 03:57:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71792	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	266782	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	127263	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	209455	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140876	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	132893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	258842	56.255	ng	0.00
7) Phenol-d6	6.428	99	507470	85.117	ng	-0.01
23) Nitrobenzene-d5	7.345	82	361878	69.411	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	22255	14.848	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	708262	74.853	ng	-0.01
79) Terphenyl-d14	12.904	244	615780	61.084	ng	-0.01

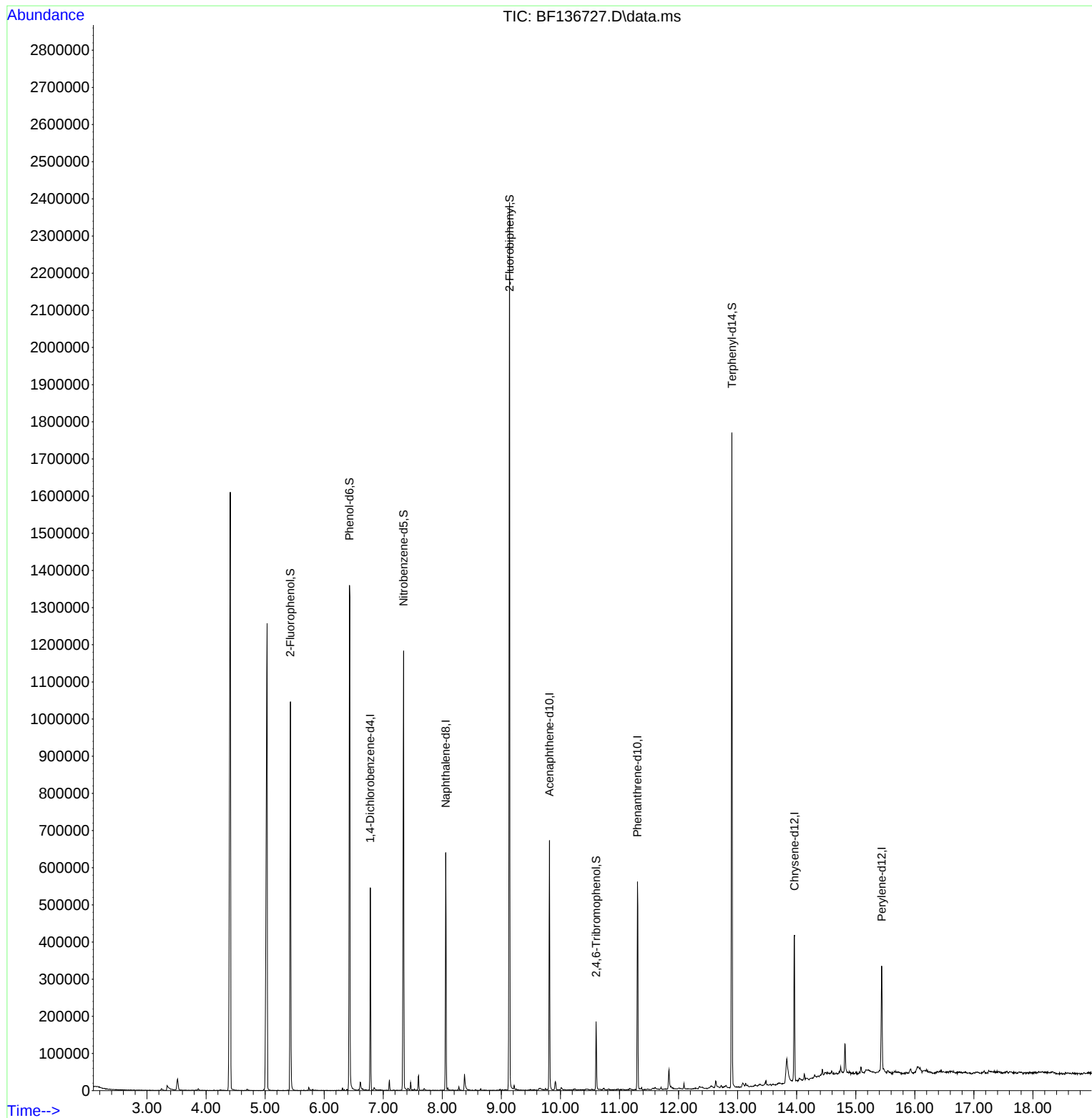
Target Compounds	Qvalue

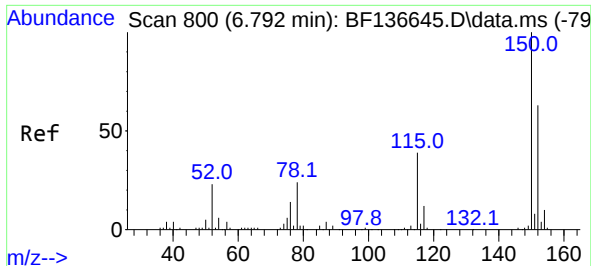
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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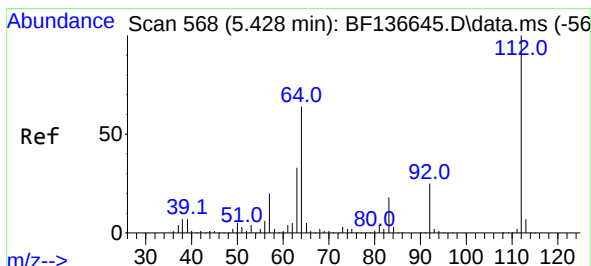
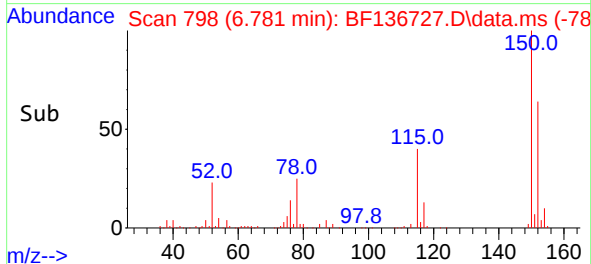
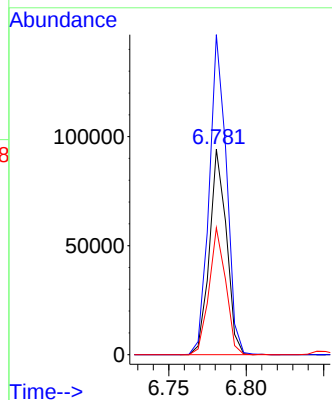
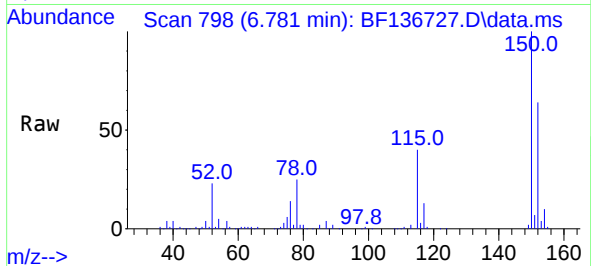




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

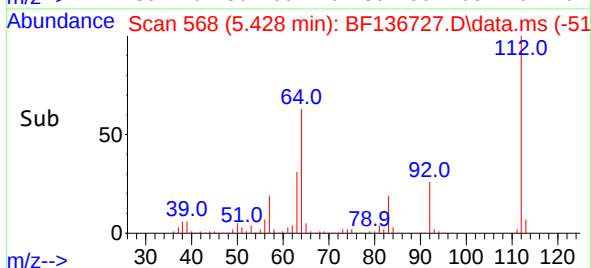
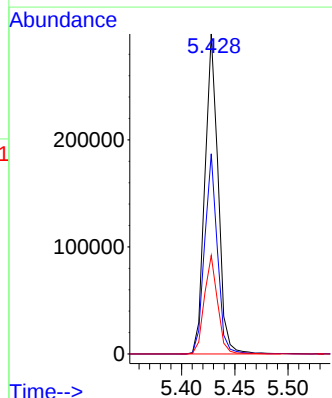
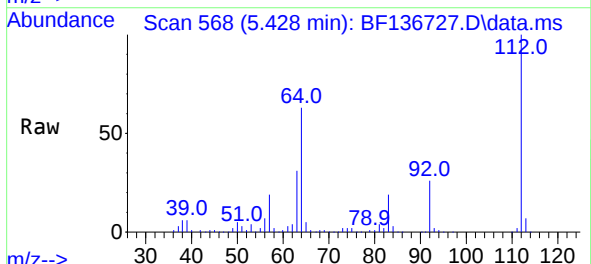
Instrument :
BNA_F
ClientSampleId :
ETGI-281

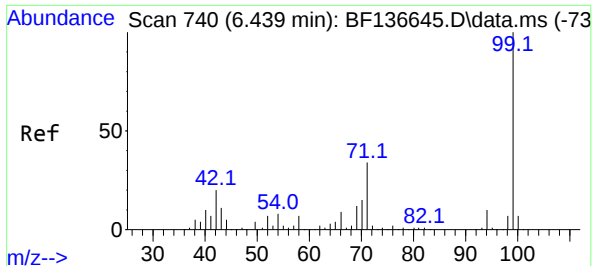
Tgt Ion:152 Resp: 71792
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 61.8 49.0 73.4



#5
2-Fluorophenol
Concen: 56.255 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion:112 Resp: 258842
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 30.8 26.1 39.1

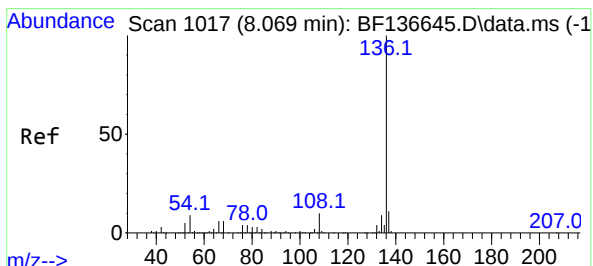
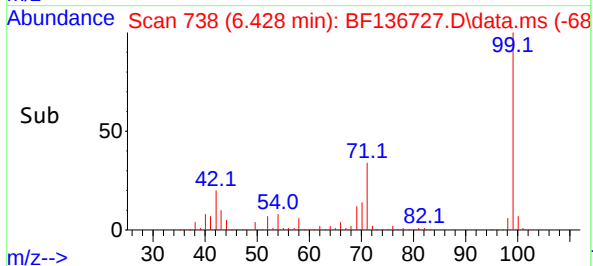
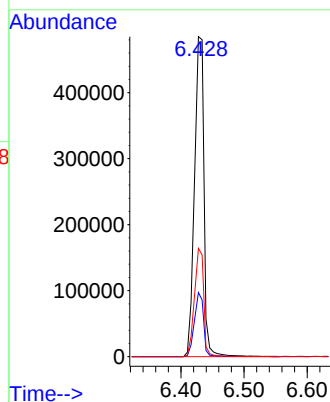
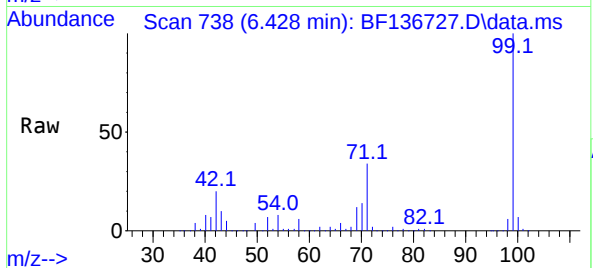




#7
Phenol-d6
Concen: 85.117 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

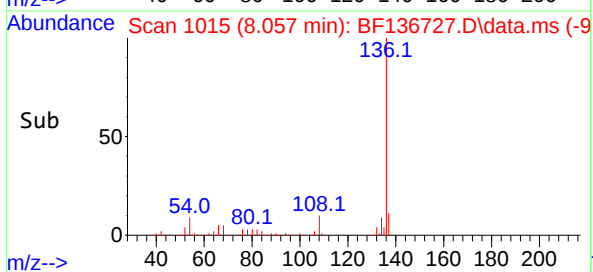
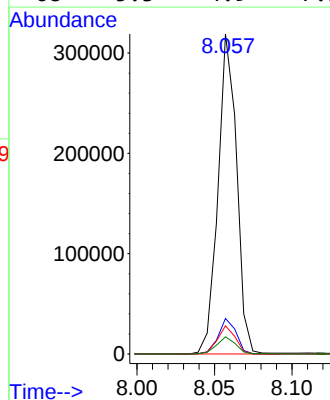
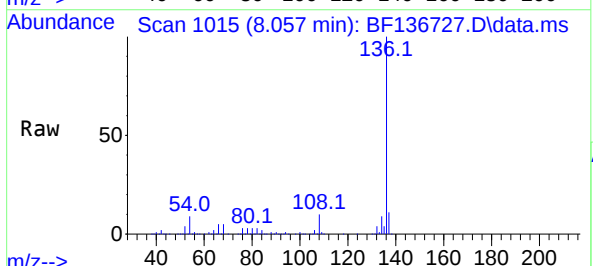
Instrument :
BNA_F
ClientSampleId :
ETGI-281

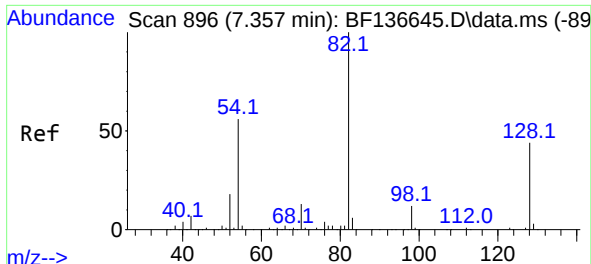
Tgt Ion: 99 Resp: 507470
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion: 136 Resp: 266782
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.8 7.2 10.8
68 5.3 4.9 7.3

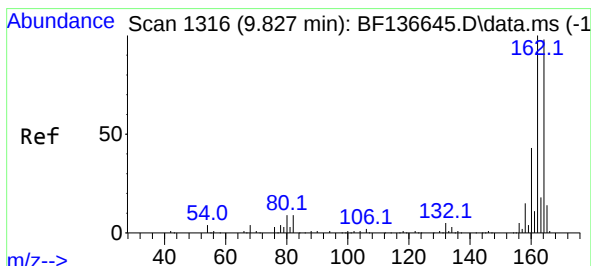
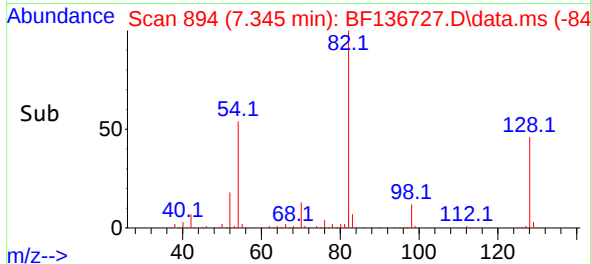
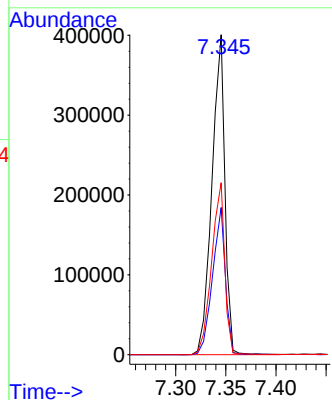
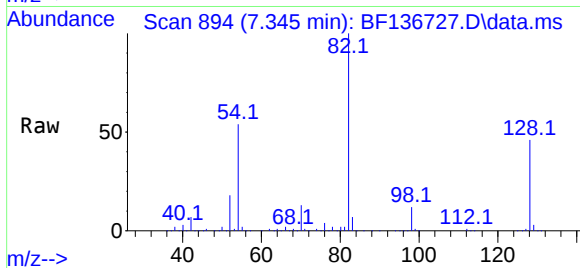




#23
Nitrobenzene-d5
Concen: 69.411 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

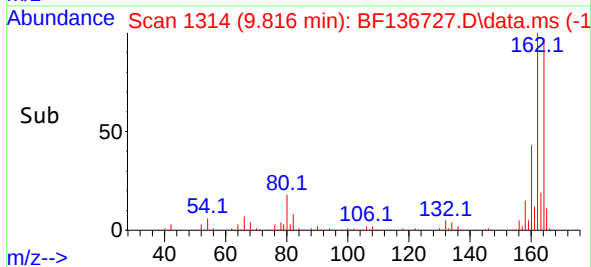
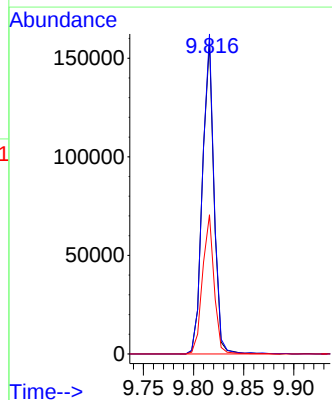
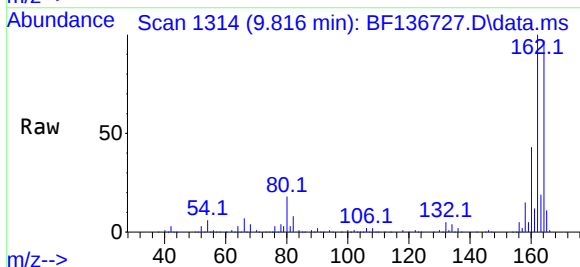
Instrument :
BNA_F
ClientSampleId :
ETGI-281

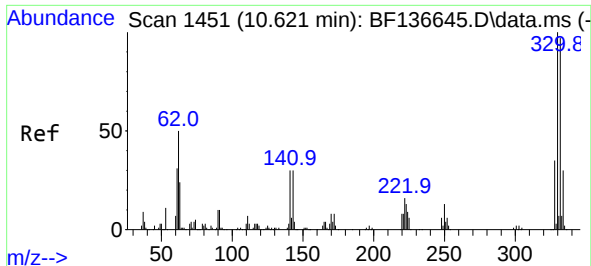
Tgt Ion: 82 Resp: 361878
Ion Ratio Lower Upper
82 100
128 46.0 35.3 52.9
54 53.7 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion:164 Resp: 127263
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 14.848 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136727.D

Acq: 26 Dec 2023 19:28

Instrument :

BNA_F

ClientSampleId :

ETGI-281

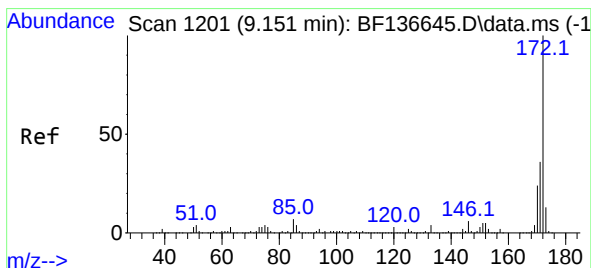
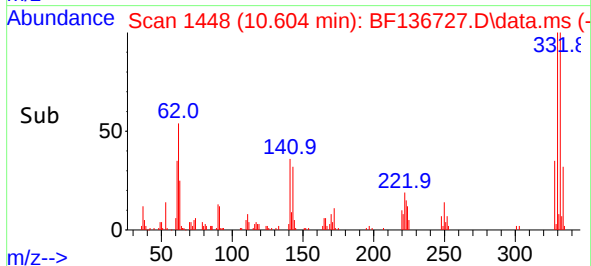
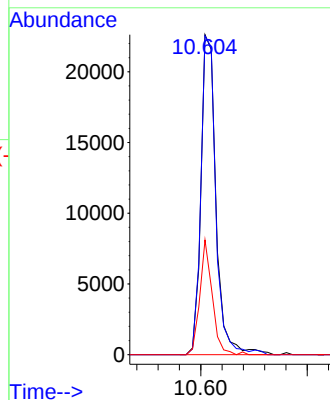
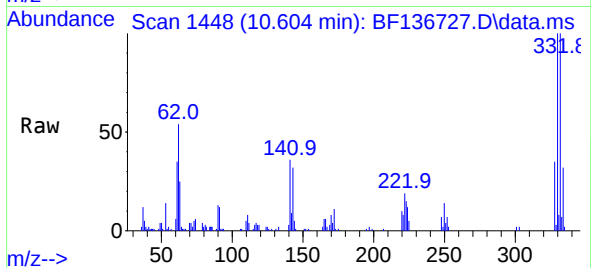
Tgt Ion:330 Resp: 22255

Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.0

141 29.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 74.853 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136727.D

Acq: 26 Dec 2023 19:28

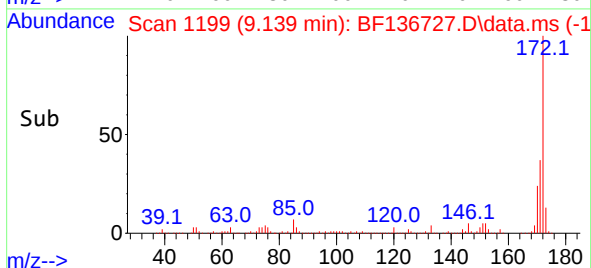
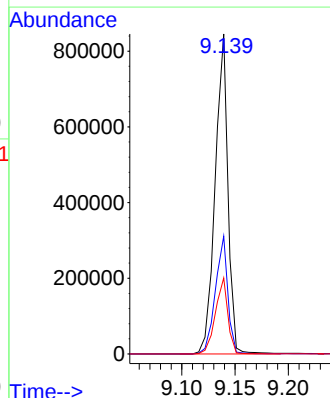
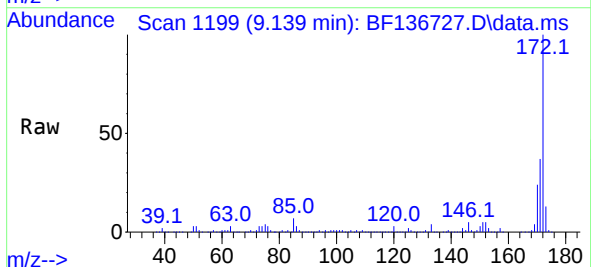
Tgt Ion:172 Resp: 708262

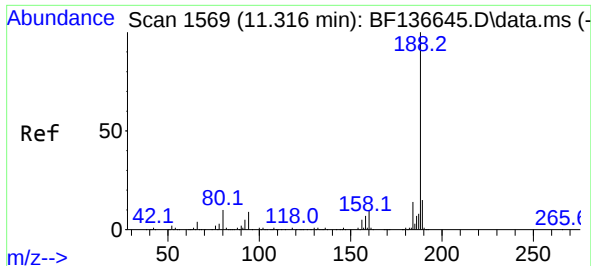
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.6

170 23.7 19.0 28.4

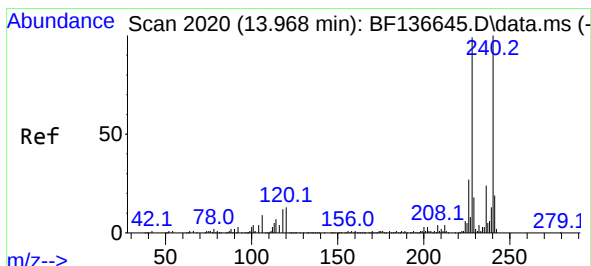
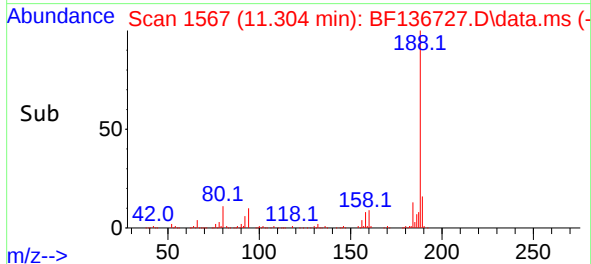
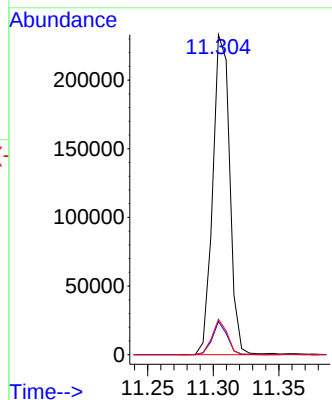
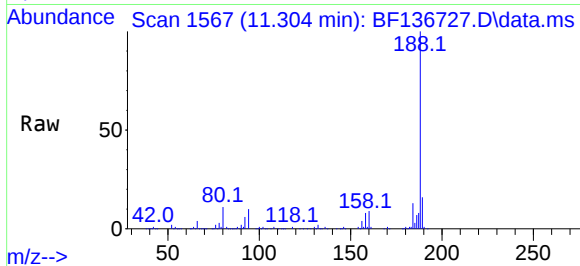




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

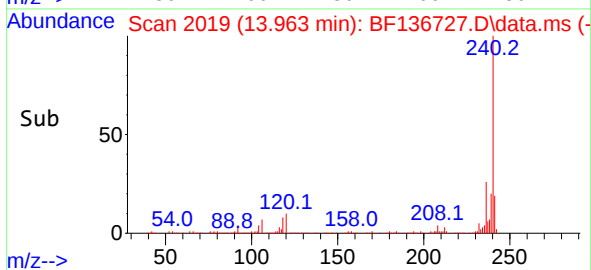
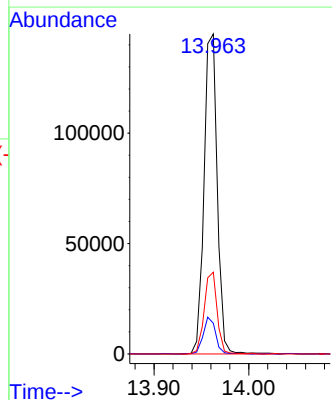
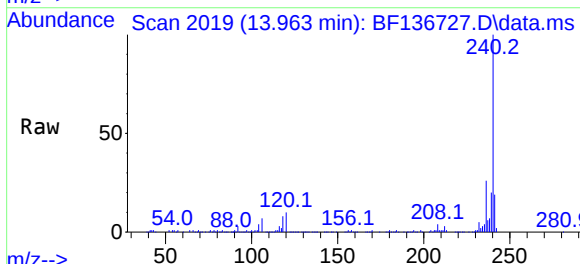
Instrument :
BNA_F
ClientSampleId :
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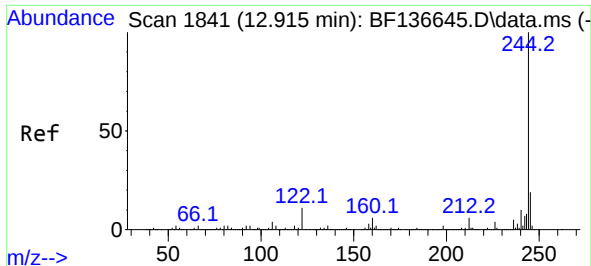
Tgt Ion:188 Resp: 209455
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 11.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

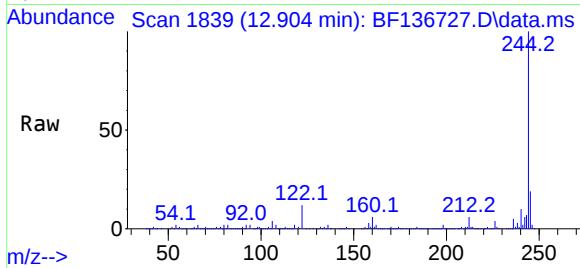
Tgt Ion:240 Resp: 140876
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 25.5 19.4 29.2



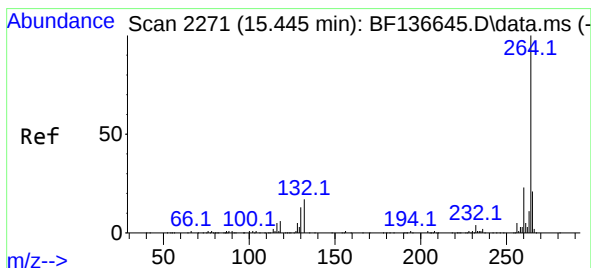
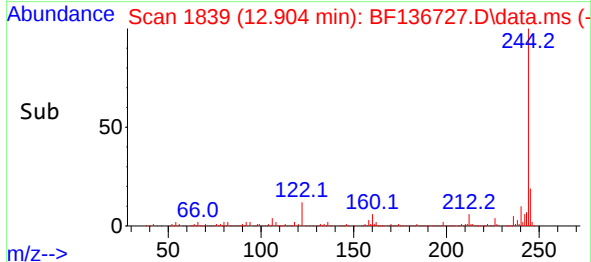
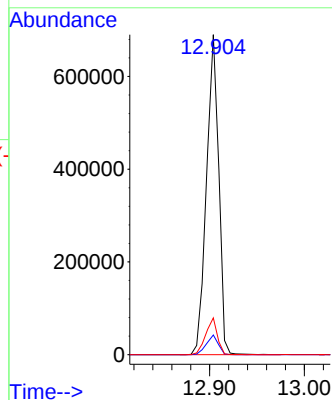


#79
Terphenyl-d14
Concen: 61.084 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 615780
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion:264 Resp: 132893
Ion Ratio Lower Upper
264 100
260 22.0 18.3 27.5
265 20.1 17.0 25.6

