

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116277.D
 Acq On : 15 Aug 2019 14:20
 Operator : HP/JU
 Sample : K4329-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-292

Quant Time: Aug 16 03:32:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103985	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	406021	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	224357	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	432099	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	407608	20.00	ng	-0.04
87) Perylene-d12	15.43	264	440802	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	790279	127.23	ng	-0.02
7) Phenol-d6	6.46	99	904592	115.43	ng	-0.03
23) Nitrobenzene-d5	7.38	82	719246	102.25	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	339694	156.17	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1243432	103.81	ng	-0.04
79) Terphenyl-d14	12.92	244	1643918	84.98	ng	-0.03

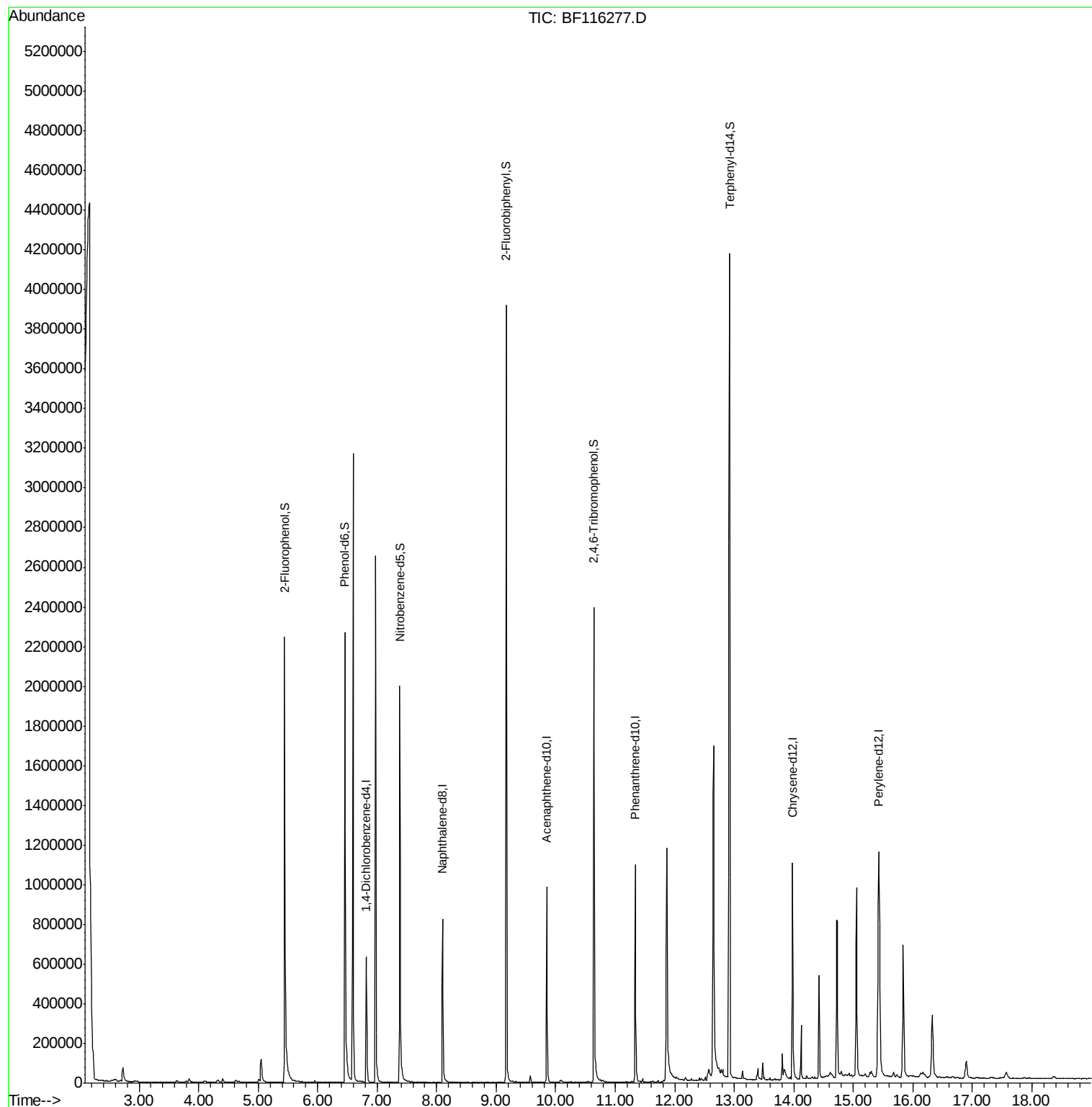
Target Compounds Qvalue

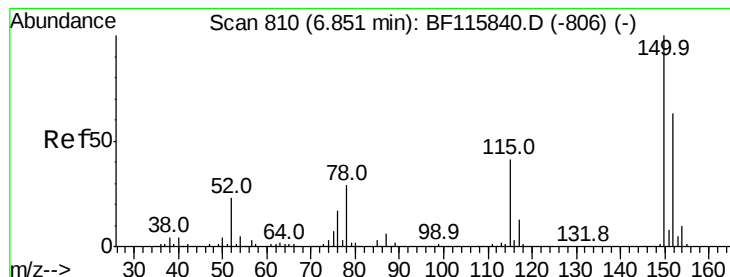
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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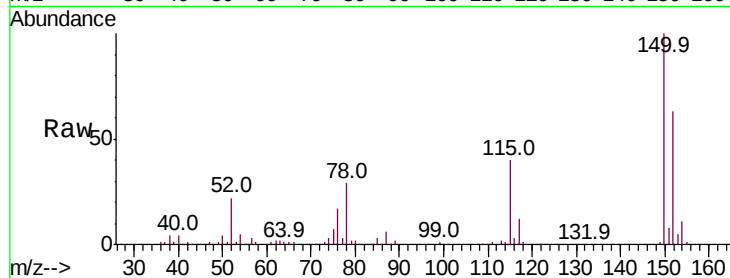


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-292

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	64.3	49.9	74.9

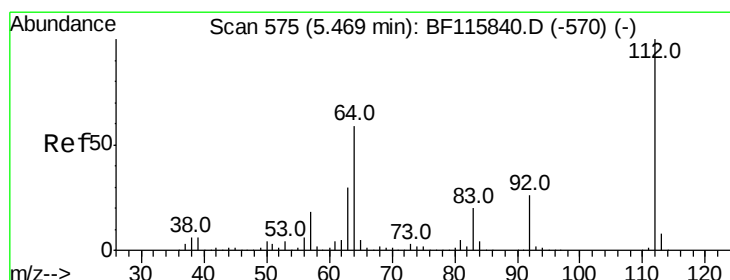
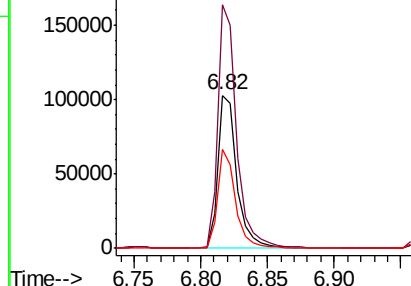
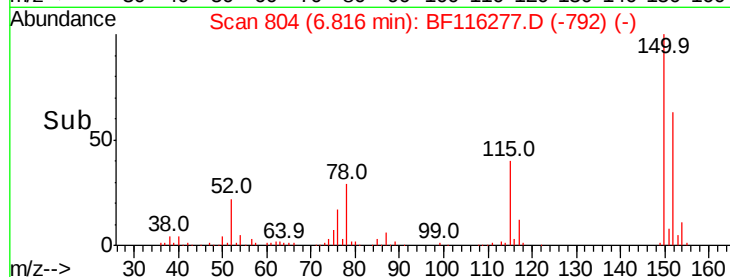


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

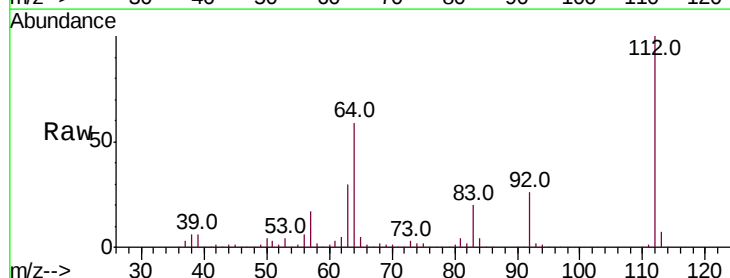
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 127.228 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.2
63	30.4	23.7	35.5

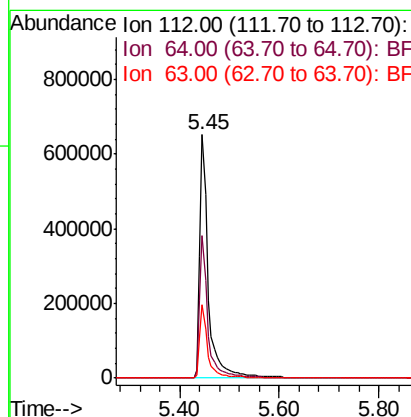
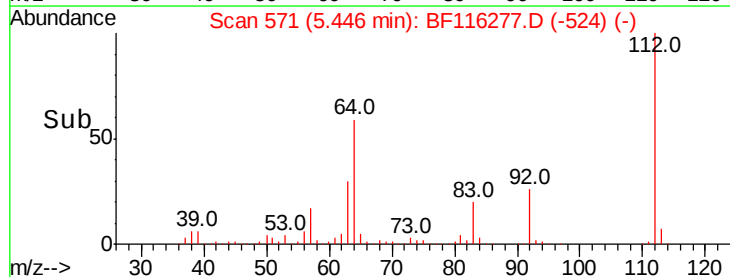


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 115.427 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116277.D

Acq: 15 Aug 2019 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-292

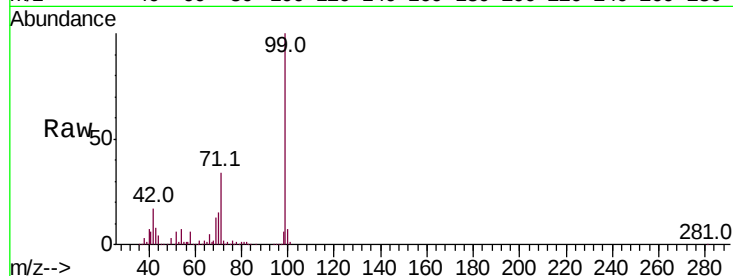
Tot Ion: 99 Resp: 904592

Ion Ratio Lower Upper

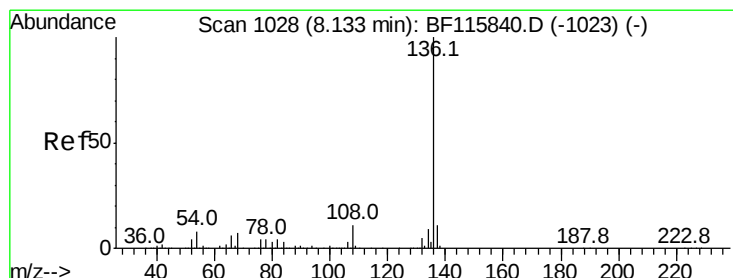
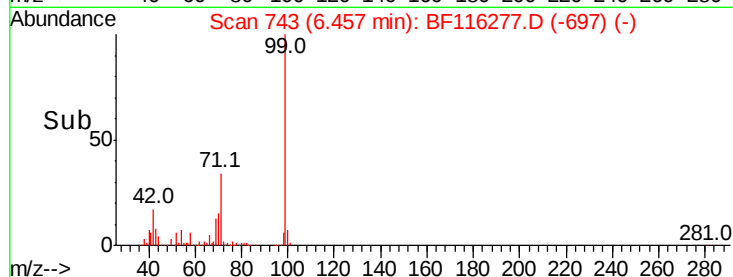
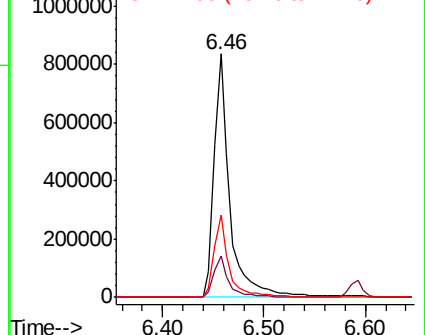
99 100

42 16.9 13.8 20.8

71 34.0 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116277.D

Acq: 15 Aug 2019 14:20

Tgt Ion: 136 Resp: 406021

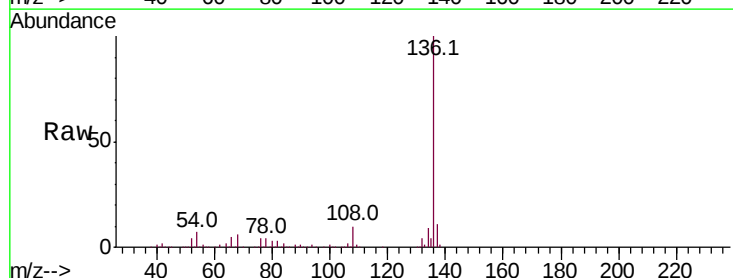
Ion Ratio Lower Upper

136 100

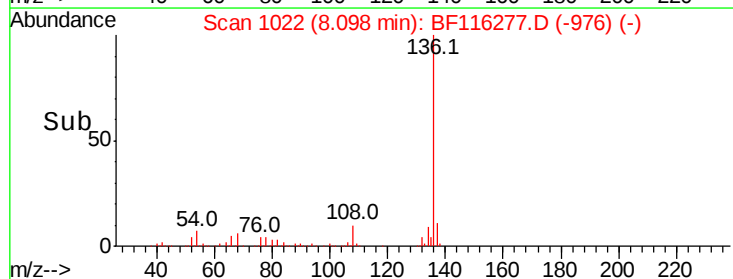
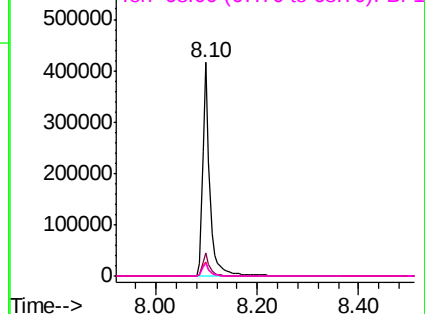
137 10.7 9.0 13.4

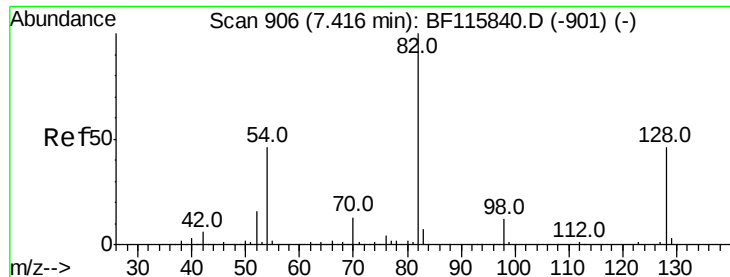
54 6.8 5.8 8.6

68 6.2 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

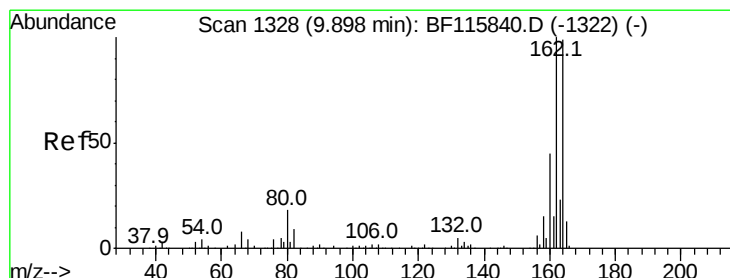
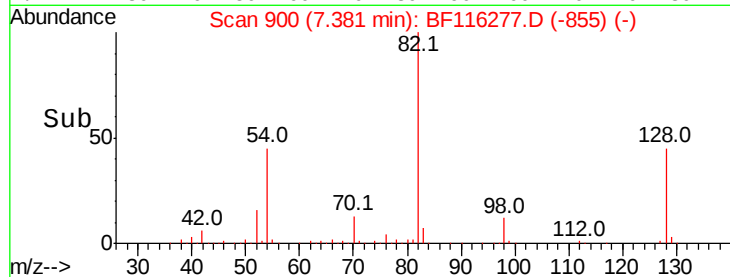
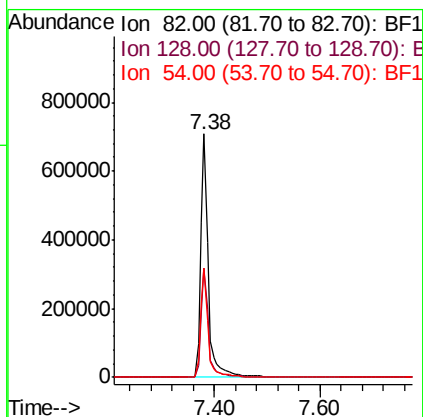
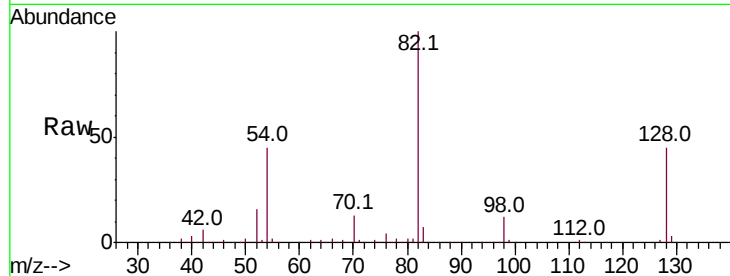




#23
 Nitrobenzene-d5
 Concen: 102.254 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

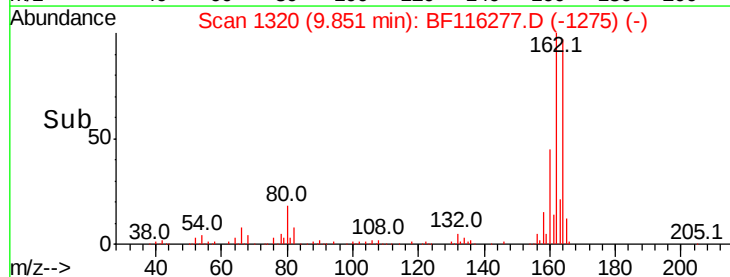
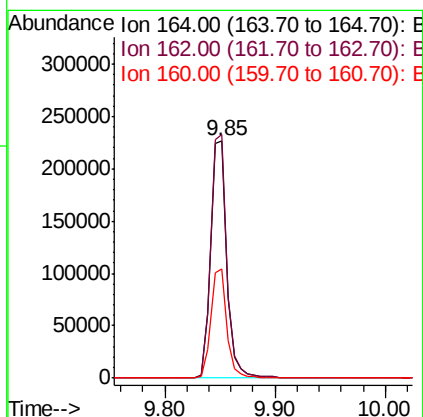
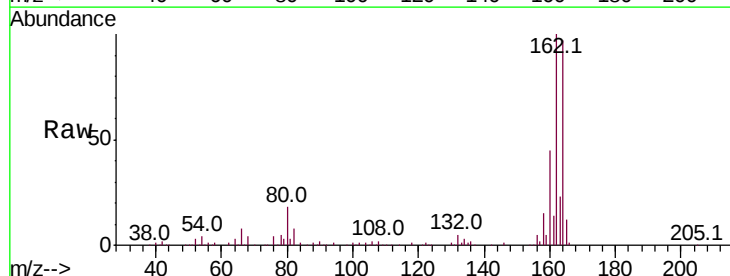
Instrument :
 BNA_F
 ClientSampled :
 ETGI-292

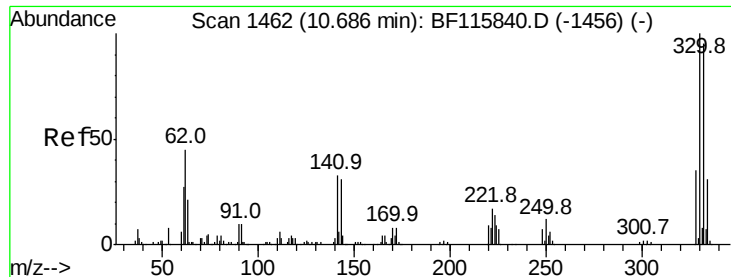
Tot Ion: 82 Resp: 719246
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.5 54.7
 54 44.8 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

Tgt Ion:164 Resp: 224357
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 124.0
 160 45.9 37.6 56.4

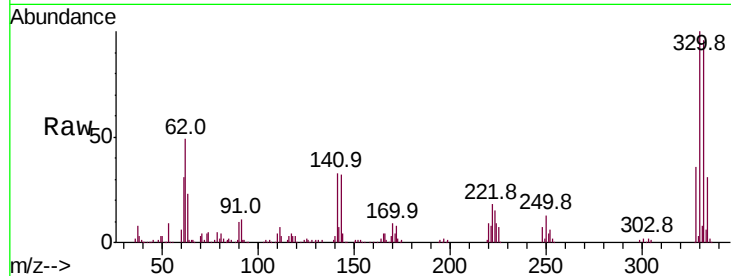




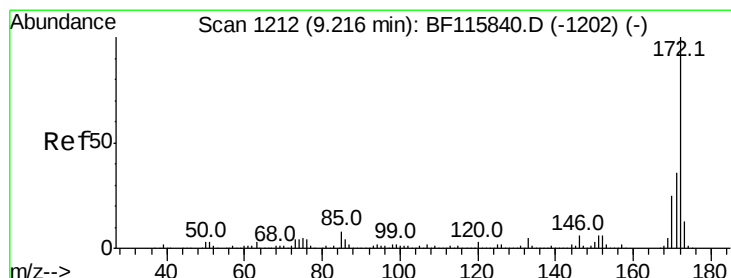
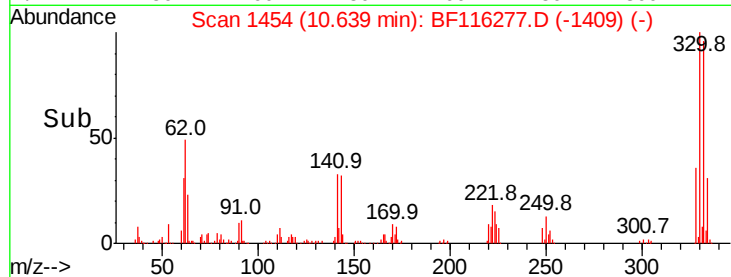
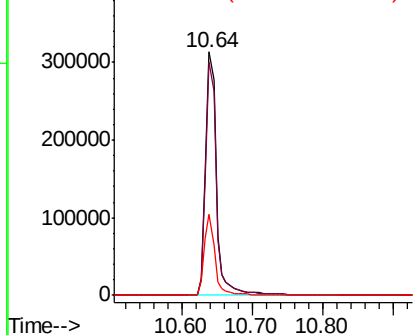
#42
 2,4,6-Tribromophenol
 Concen: 156.167 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-292

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	32.8	26.3	39.5

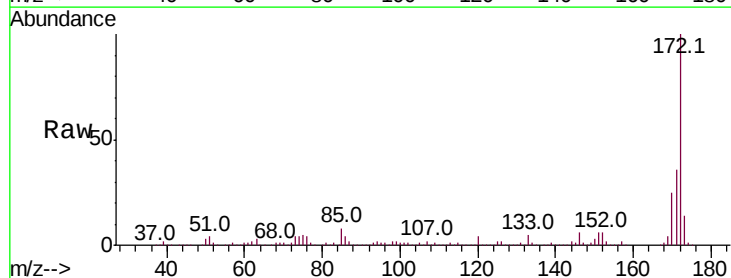


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

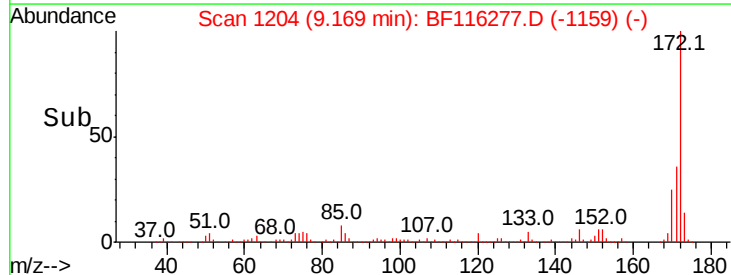
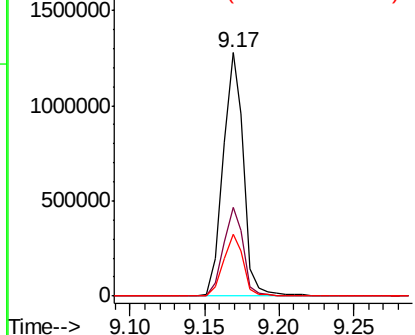


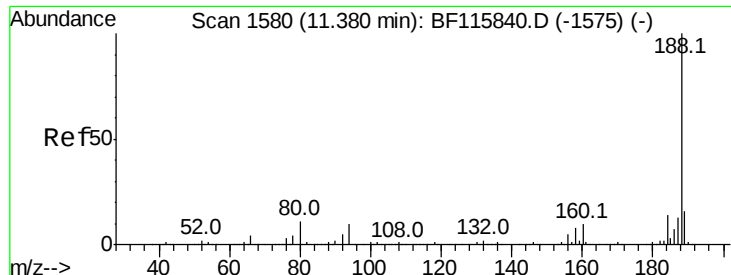
#45
 2-Fluorobiphenyl
 Concen: 103.810 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	25.2	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

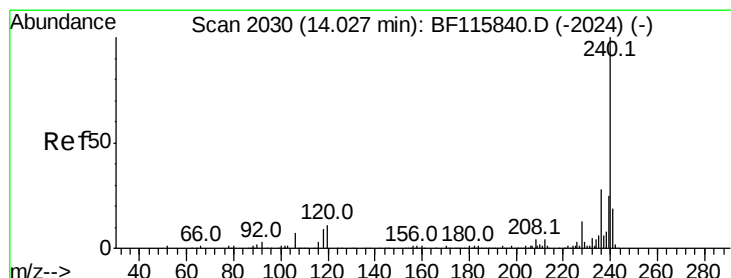
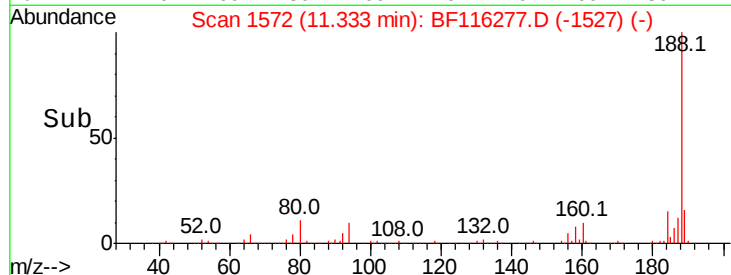
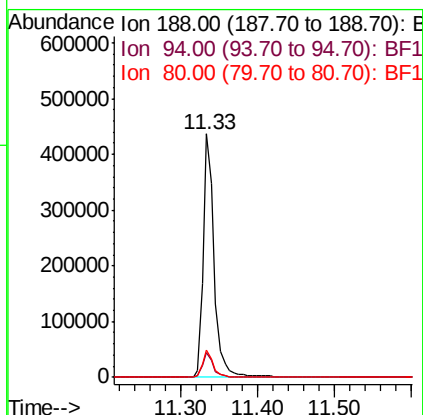
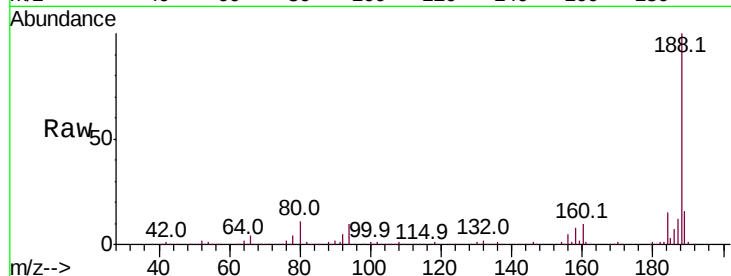




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

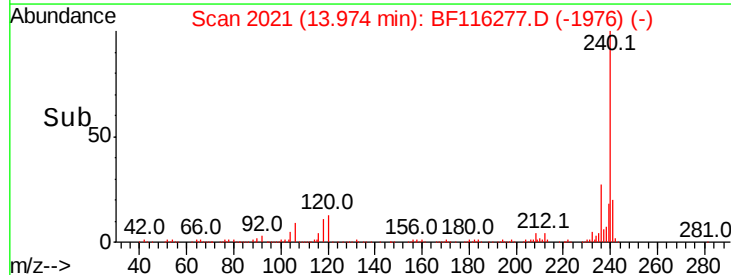
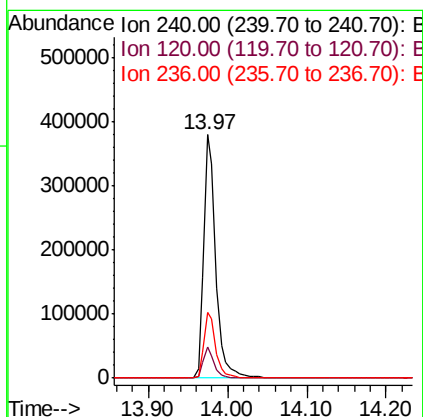
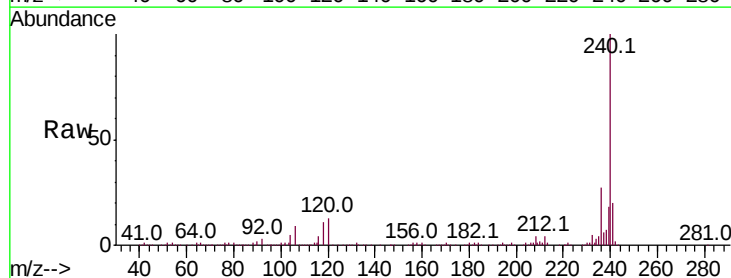
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-292

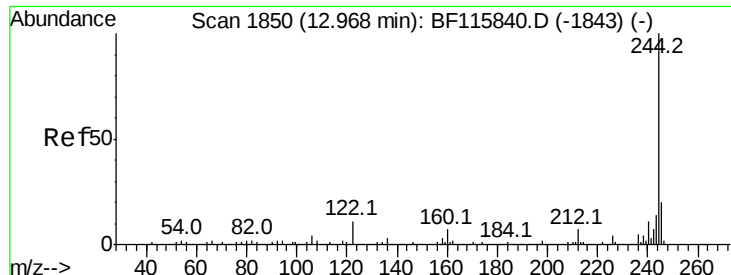
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.3	8.7	13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.04 min
 Lab File: BF116277.D
 Acq: 15 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.7	16.1
236	27.0	22.2	33.2





#79

Terphenyl-d14

Concen: 84.984 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116277.D

Acq: 15 Aug 2019 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-292

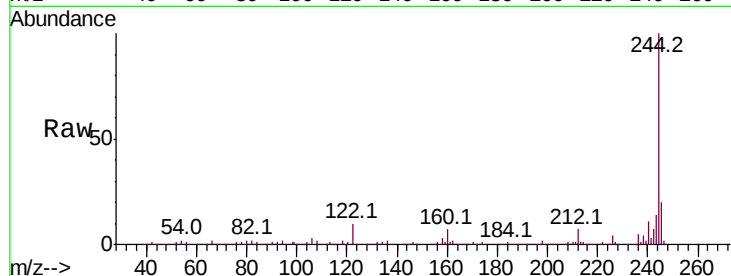
Tot Ion:244 Resp: 1643918

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

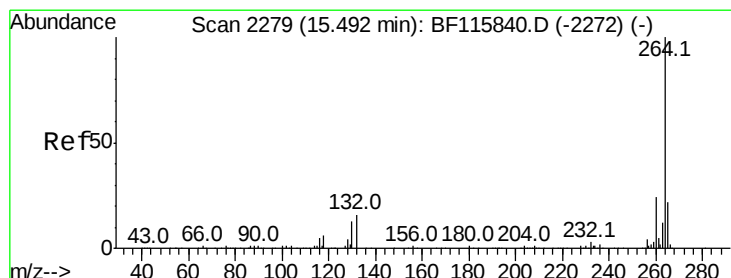
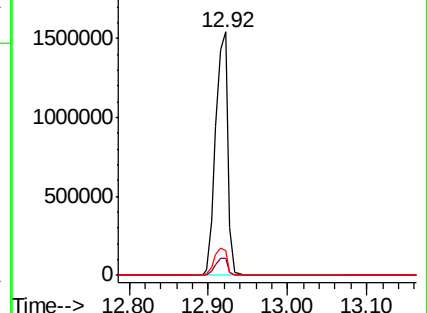
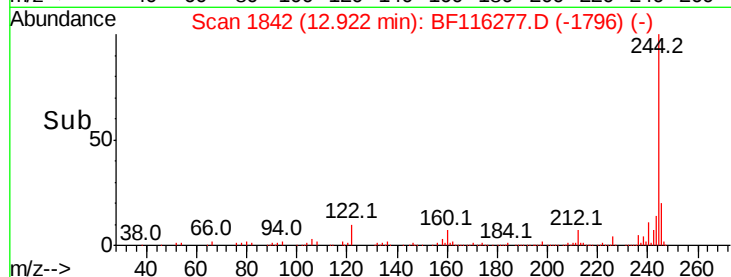
122 10.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF116277.D

Acq: 15 Aug 2019 14:20

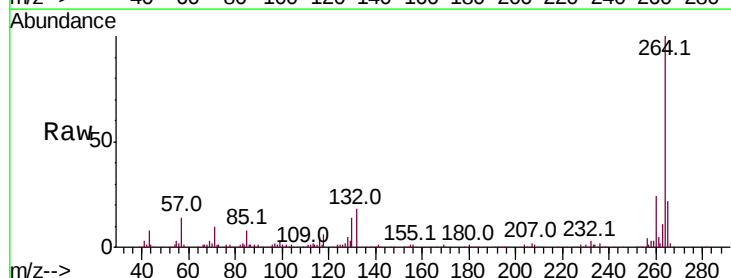
Tgt Ion:264 Resp: 440802

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

