

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116238.D
 Acq On : 13 Aug 2019 19:00
 Operator : HP/JU
 Sample : K4230-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(0-1)-COMP

Quant Time: Aug 14 01:14:19 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	6.83	152	147349	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	581527	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	318269	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	598968	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	490681	20.00	ng	0.00
87) Perylene-d12	15.47	264	440289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1024818	116.43	ng	0.00
7) Phenol-d6	6.48	99	1242862	111.92	ng	0.00
23) Nitrobenzene-d5	7.40	82	972394	96.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	450942	146.14	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1551340	91.30	ng	-0.01
79) Terphenyl-d14	12.94	244	2011624	86.39	ng	0.00

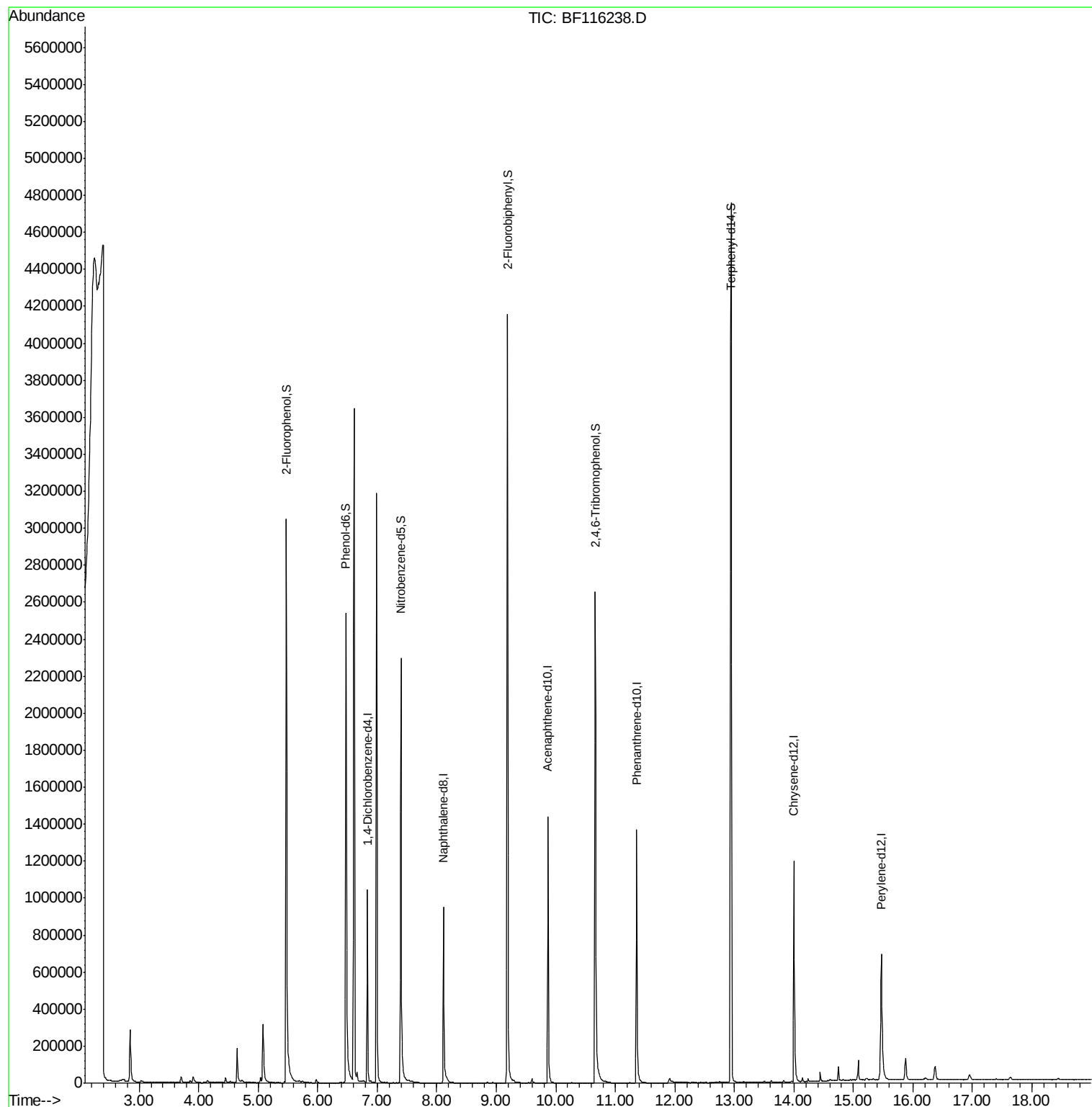
Target Compounds Qvalue

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

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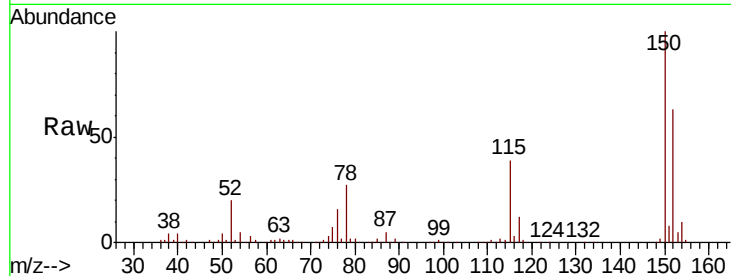


#1

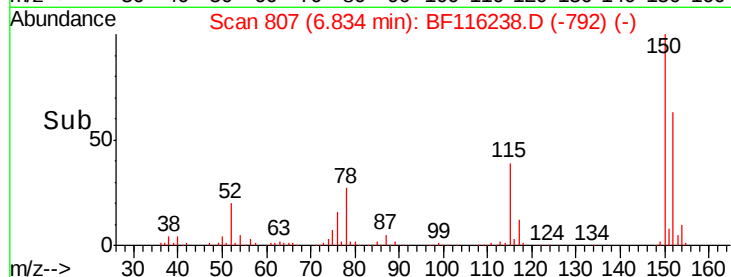
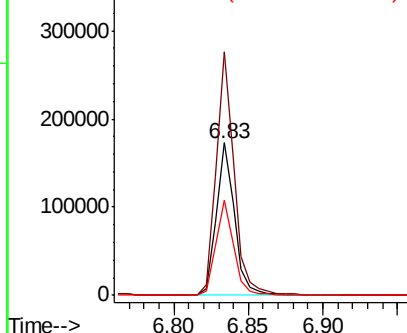
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116238.D
Acq: 13 Aug 2019 19:00

Instrument :
BNA_F
ClientSampleId :
2S-D1-D4-(0-1)-COMP

Tot Ion:152 Resp: 147349
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 62.7 49.9 74.9



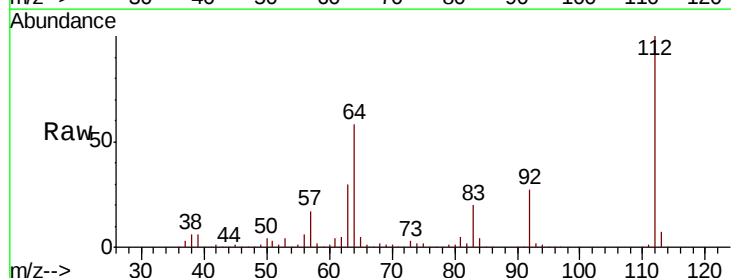
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



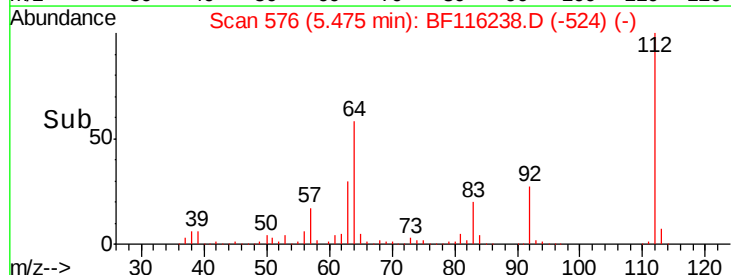
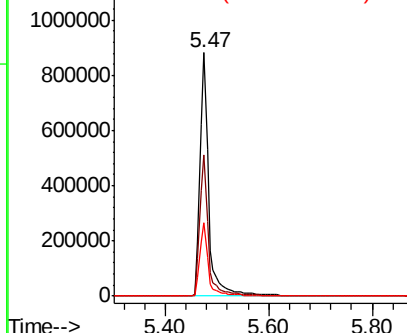
#5

2-Fluorophenol
Concen: 116.432 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116238.D
Acq: 13 Aug 2019 19:00

Tgt Ion:112 Resp: 1024818
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.2
63 30.2 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: 111.918 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116238.D

Acq: 13 Aug 2019 19:00

Instrument :

BNA_F

ClientSampleId :

2S-D1-D4-(0-1)-COMP

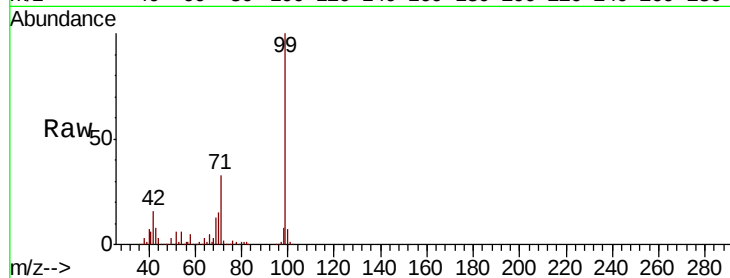
Tot Ion: 99 Resp: 1242862

Ion Ratio Lower Upper

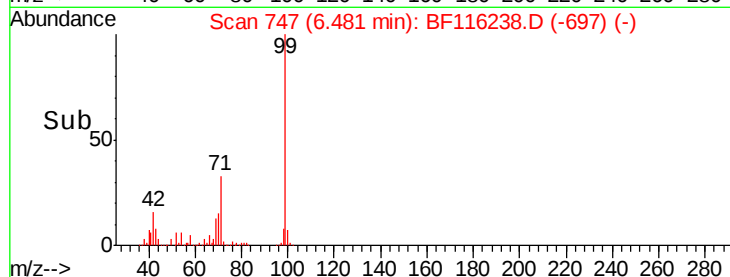
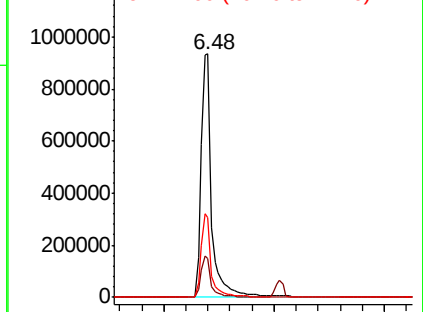
99 100

42 15.8 13.8 20.8

71 33.0 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116238.D

Acq: 13 Aug 2019 19:00

Tgt Ion: 136 Resp: 581527

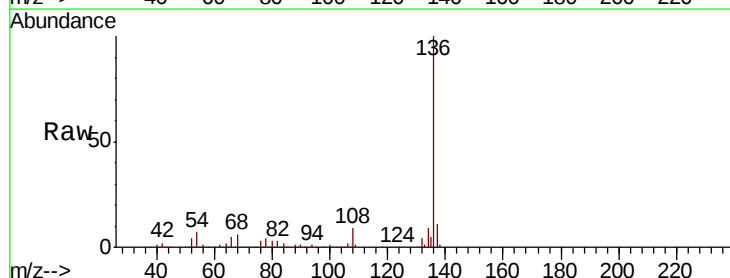
Ion Ratio Lower Upper

136 100

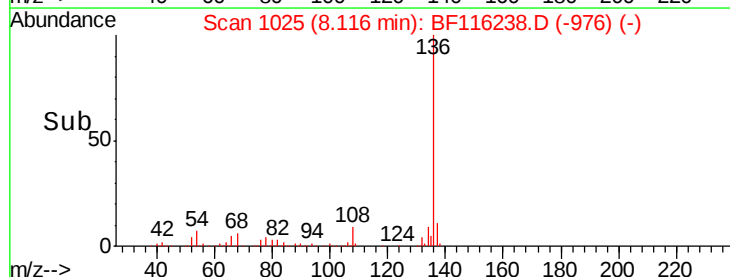
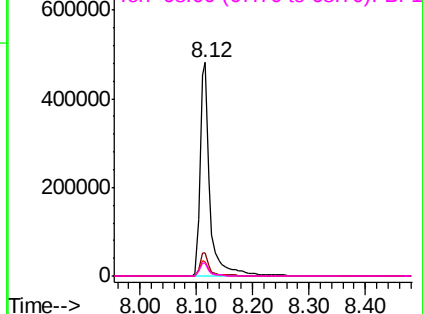
137 10.8 9.0 13.4

54 6.8 5.8 8.6

68 6.0 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

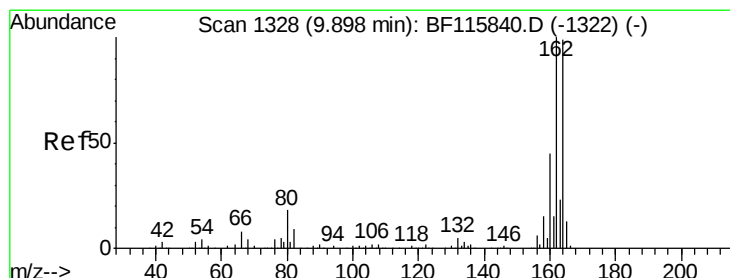
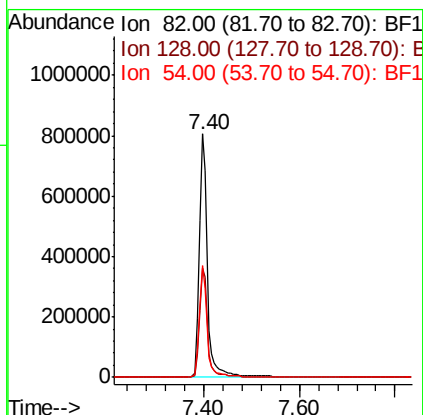
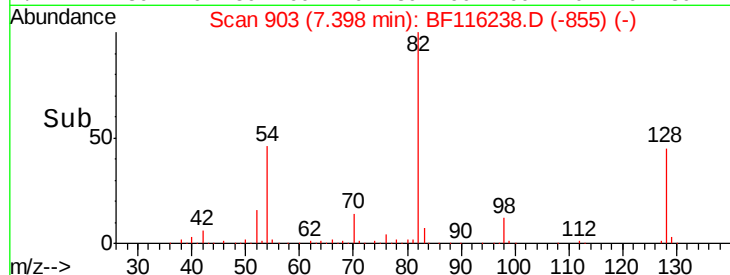
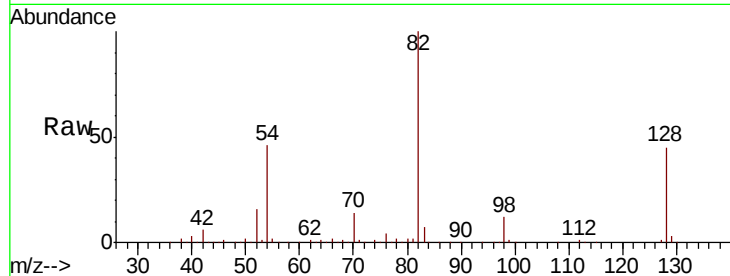




#23
Nitrobenzene-d5
Concen: 96.521 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116238.D
Acq: 13 Aug 2019 19:00

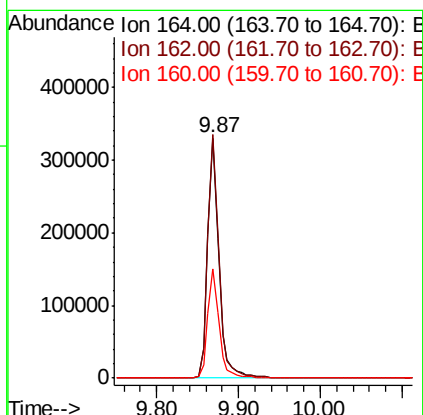
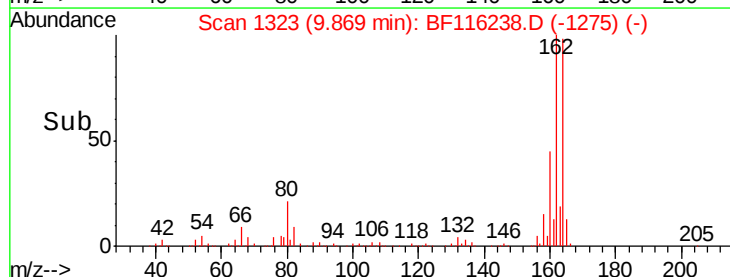
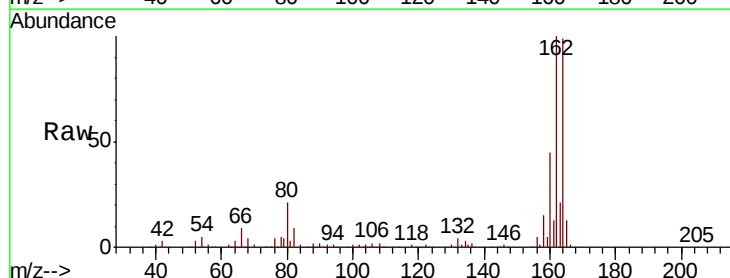
Instrument :
BNA_F
ClientSampleId :
2S-D1-D4-(0-1)-COMP

Tot Ion: 82 Resp: 972394
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 45.8 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116238.D
Acq: 13 Aug 2019 19:00

Tgt Ion: 164 Resp: 318269
Ion Ratio Lower Upper
164 100
162 101.4 82.6 124.0
160 45.6 37.6 56.4

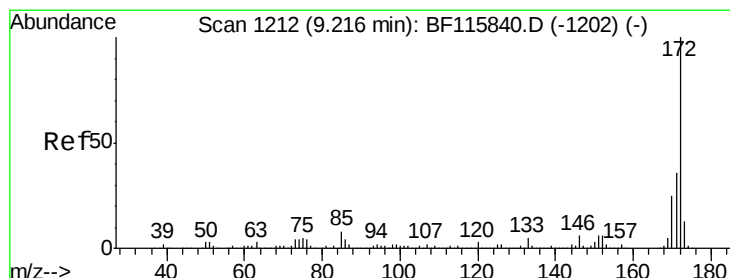
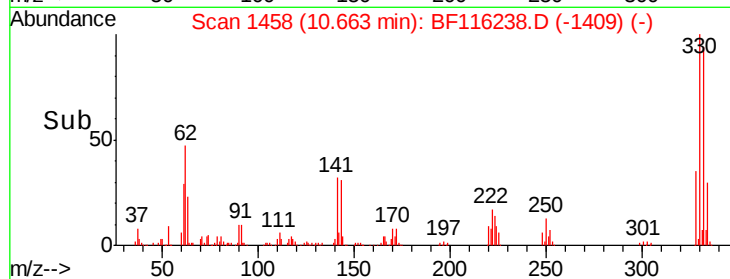
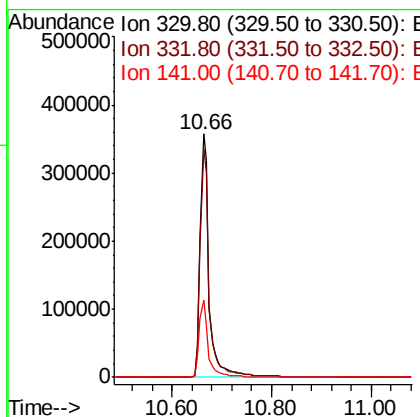
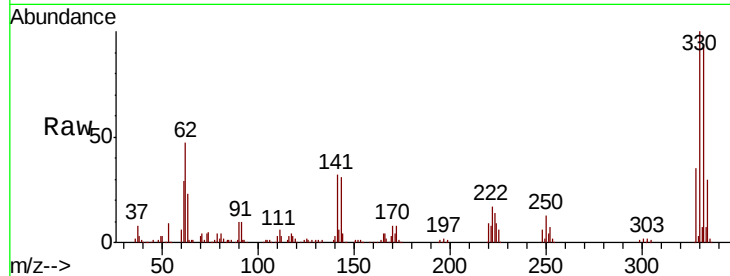




#42
 2,4,6-Tribromophenol
 Concen: 146.139 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116238.D
 Acq: 13 Aug 2019 19:00

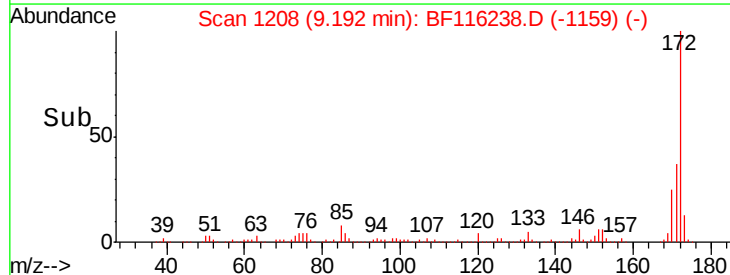
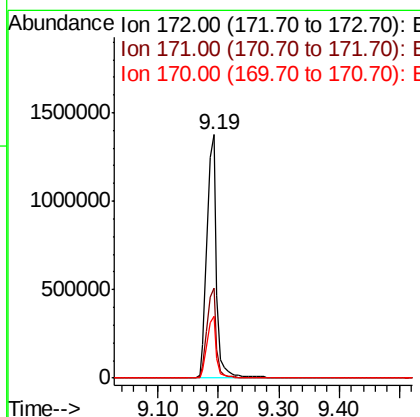
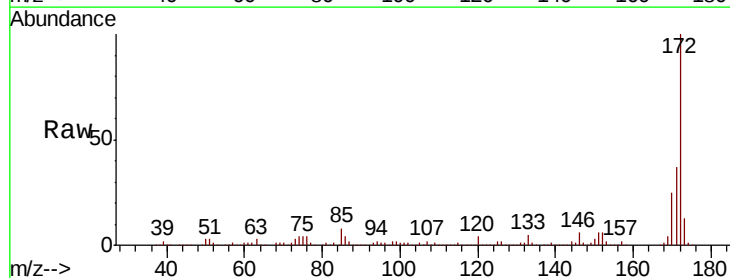
Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(0-1)-COMP

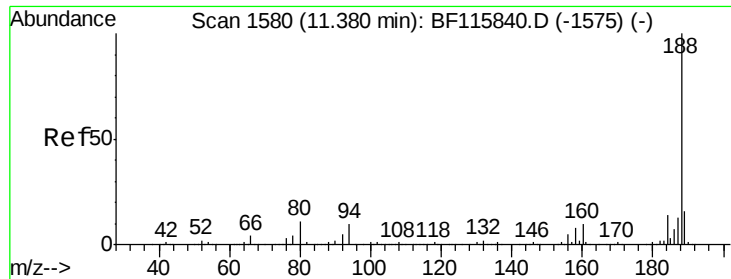
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.8	115.2
141	32.2	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 91.299 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116238.D
 Acq: 13 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.3	20.1	30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116238.D

Acq: 13 Aug 2019 19:00

Instrument :

BNA_F

ClientSampleId :

2S-D1-D4-(0-1)-COMP

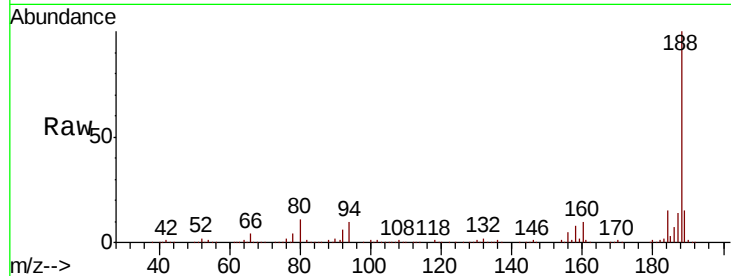
Tot Ion:188 Resp: 598968

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

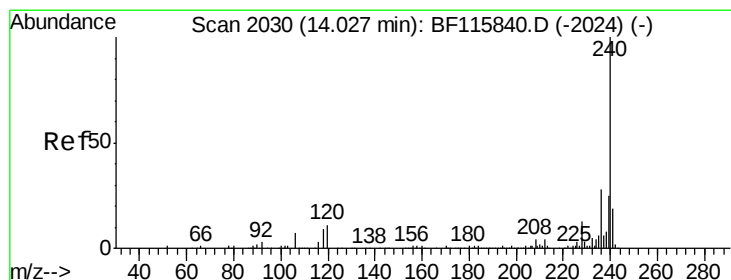
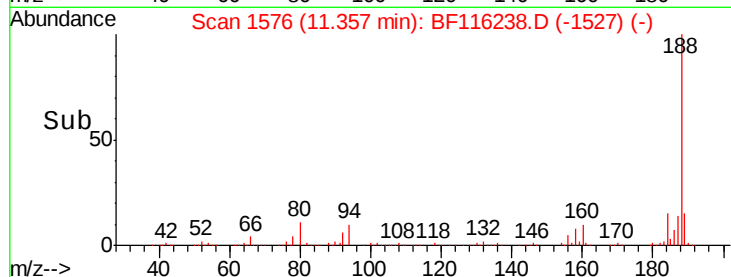
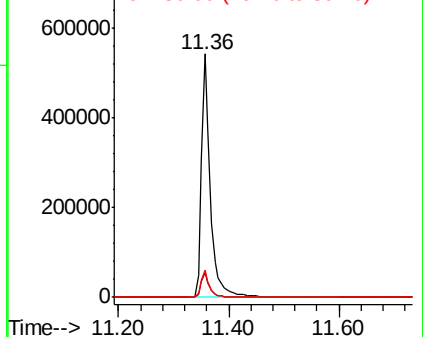
80 11.1 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116238.D

Acq: 13 Aug 2019 19:00

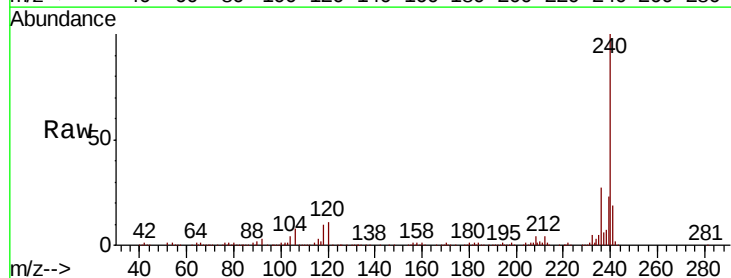
Tgt Ion:240 Resp: 490681

Ion Ratio Lower Upper

240 100

120 10.8 10.7 16.1

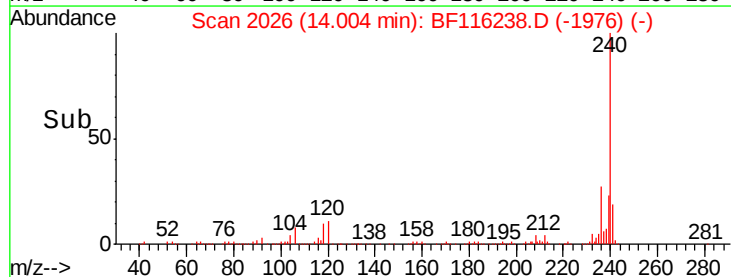
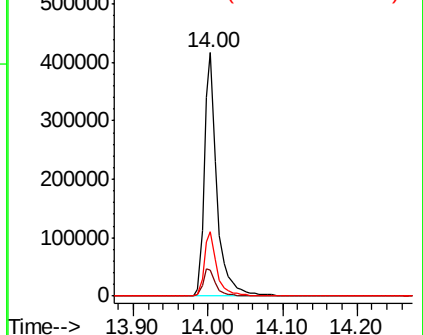
236 26.6 22.2 33.2

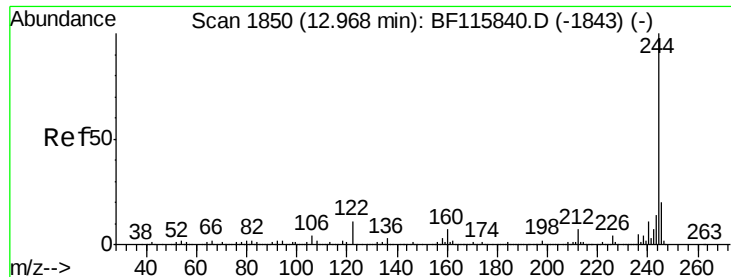


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.387 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116238.D

Acq: 13 Aug 2019 19:00

Instrument :

BNA_F

ClientSampleId :

2S-D1-D4-(0-1)-COMP

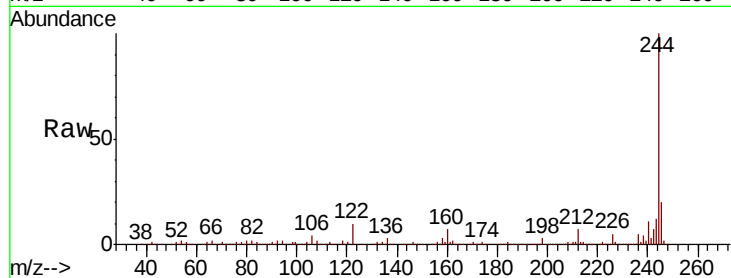
Tot Ion:244 Resp: 2011624

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

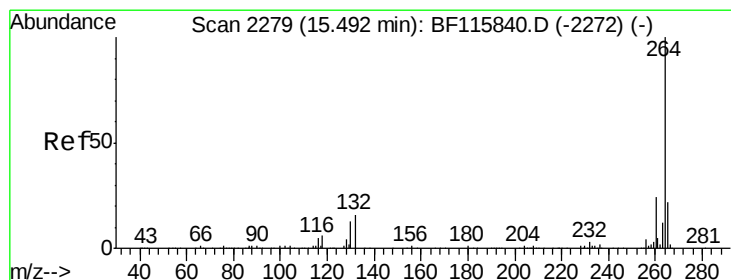
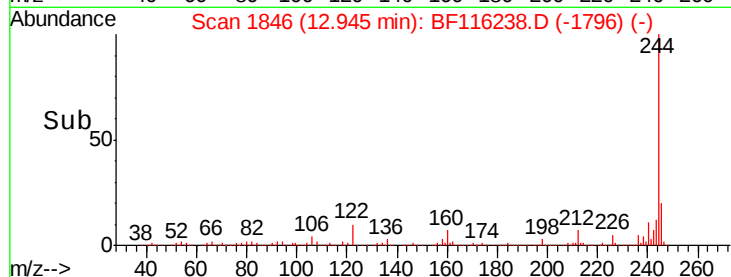
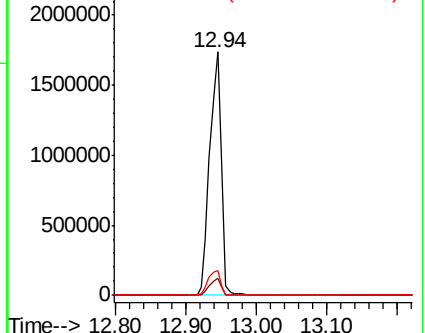
122 10.3 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116238.D

Acq: 13 Aug 2019 19:00

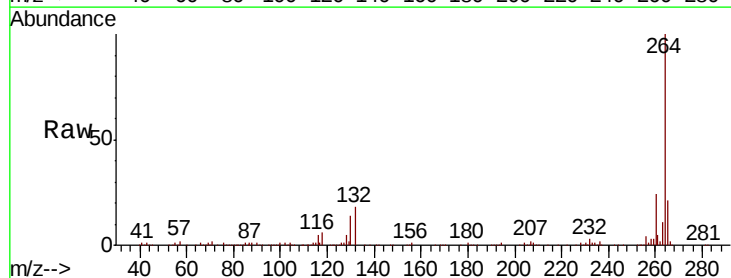
Tgt Ion:264 Resp: 440289

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.3 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

