

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116204.D
 Acq On : 12 Aug 2019 22:20
 Operator : HP/JU
 Sample : K4095-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-B

Quant Time: Aug 13 01:50:00 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	117556	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	452988	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	251272	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	489008	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	400411	20.00	ng	-0.01
87) Perylene-d12	15.46	264	363289	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	868120	123.63	ng	0.00
7) Phenol-d6	6.47	99	1030296	116.29	ng	-0.01
23) Nitrobenzene-d5	7.40	82	797017	101.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	386649	158.71	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1406854	104.87	ng	-0.02
79) Terphenyl-d14	12.94	244	1820326	95.79	ng	-0.01

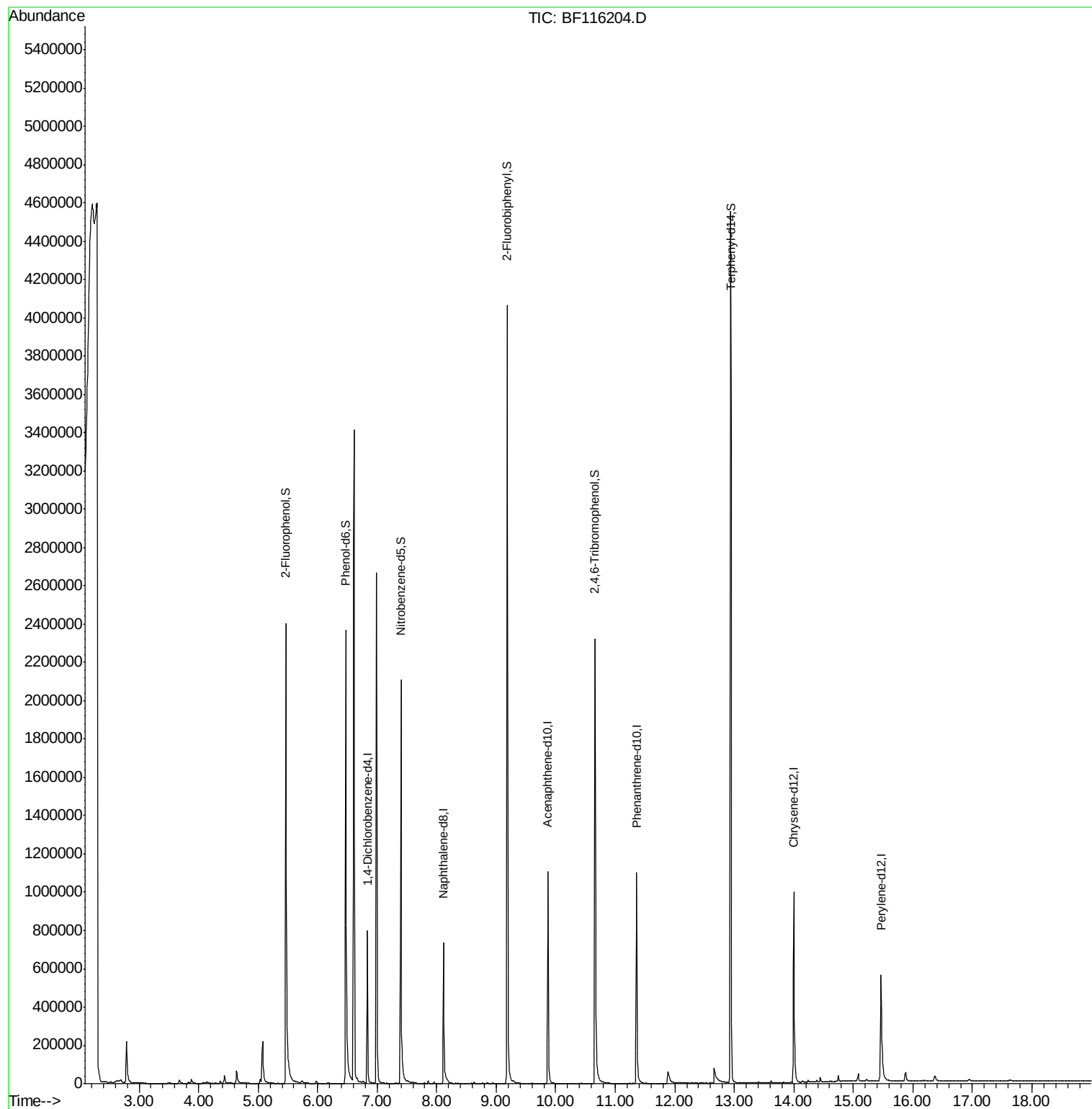
Target Compounds Qvalue

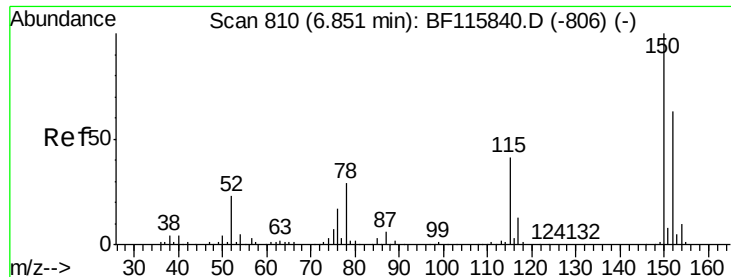
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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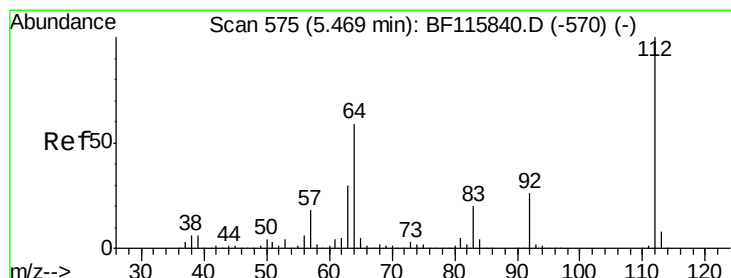
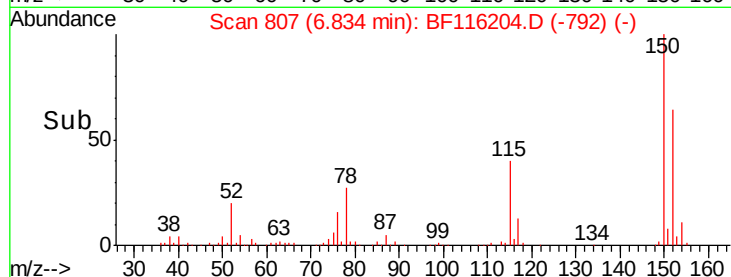
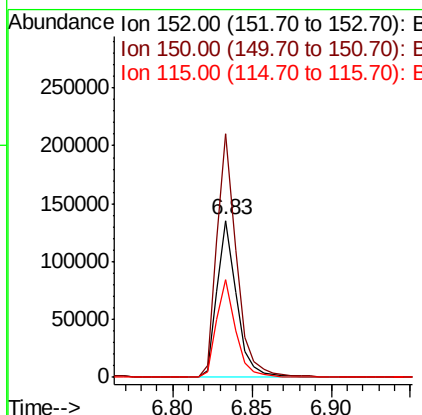
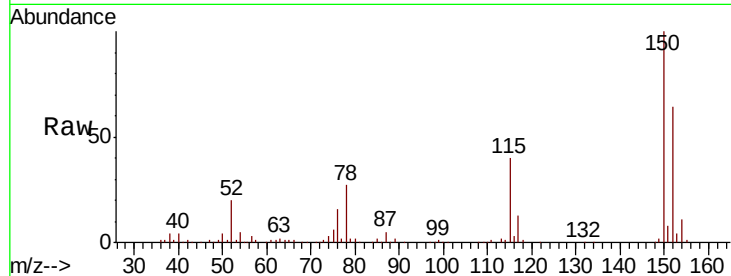


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116204.D
Acq: 12 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

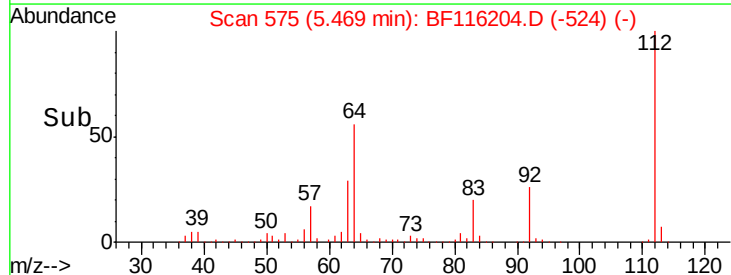
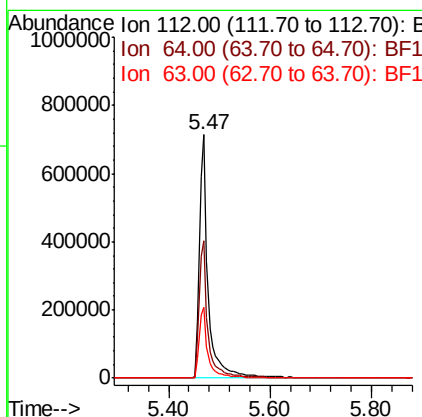
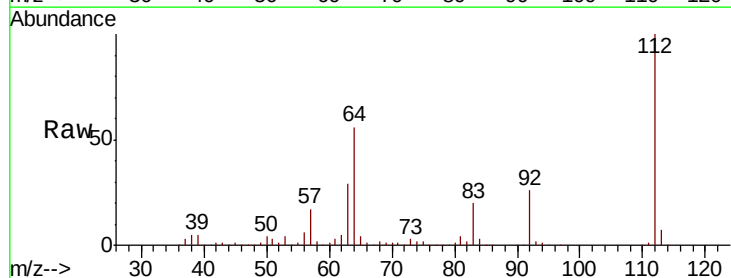
Tot Ion:152 Resp: 117556
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 61.9 49.9 74.9

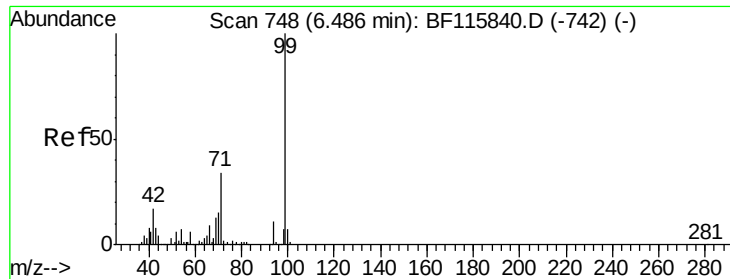


#5

2-Fluorophenol
Concen: 123.625 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116204.D
Acq: 12 Aug 2019 22:20

Tgt Ion:112 Resp: 868120
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.2
63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 116.290 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116204.D

Acq: 12 Aug 2019 22:20

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-B

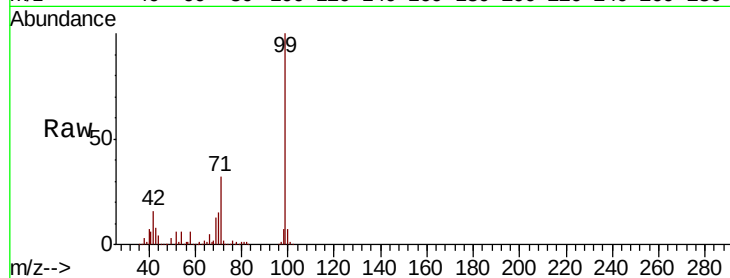
Tot Ion: 99 Resp: 1030296

Ion Ratio Lower Upper

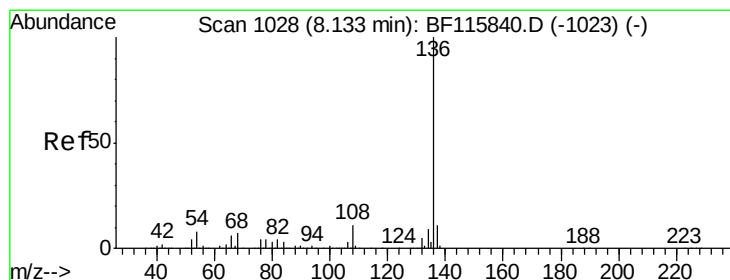
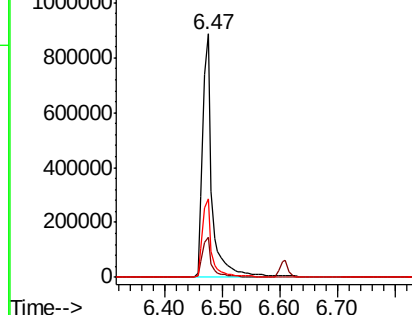
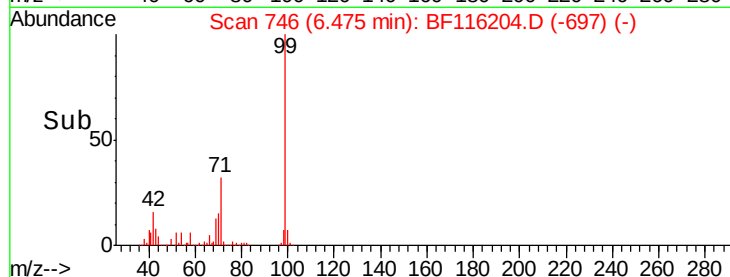
99 100

42 16.2 13.8 20.8

71 32.3 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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF116204.D

Acq: 12 Aug 2019 22:20

Tgt Ion: 136 Resp: 452988

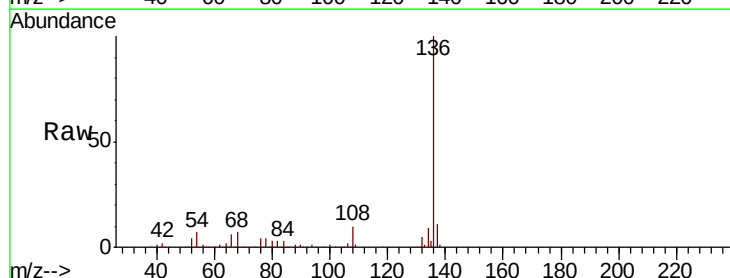
Ion Ratio Lower Upper

136 100

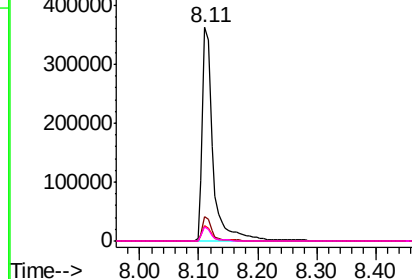
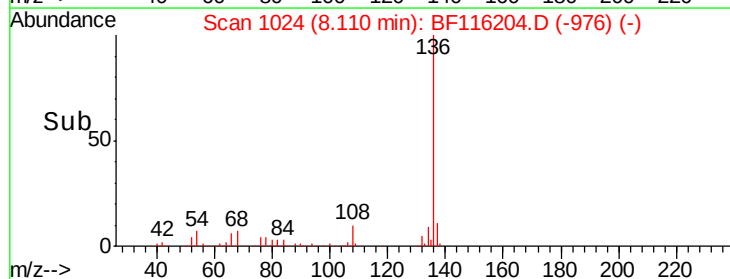
137 11.3 9.0 13.4

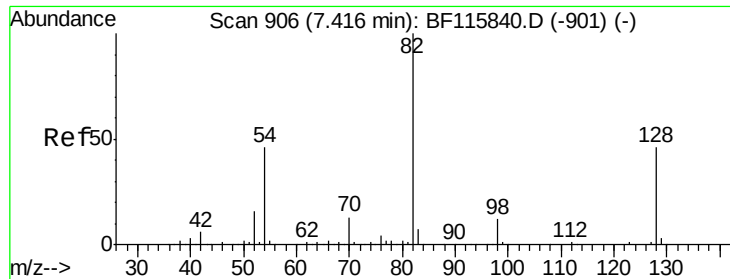
54 7.5 5.8 8.6

68 6.6 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

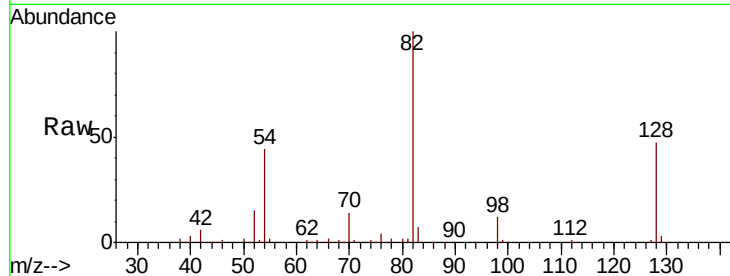




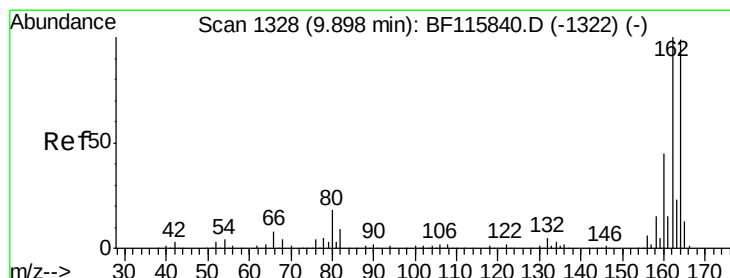
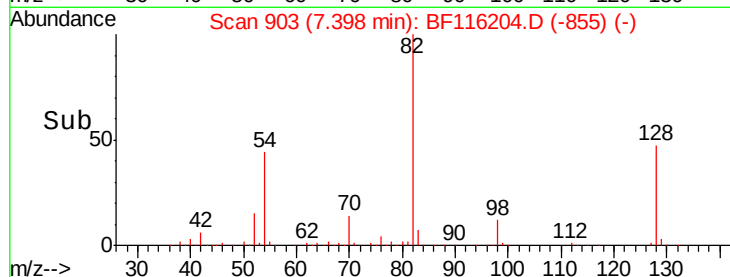
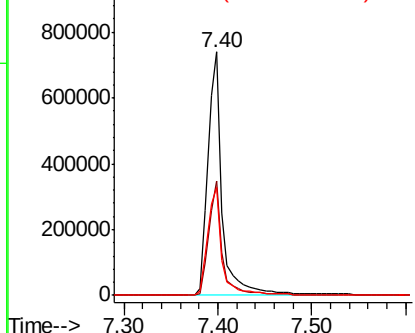
#23
 Nitrobenzene-d5
 Concen: 101.562 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116204.D
 Acq: 12 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampleID :
 SU-04-080919-B

Tot Ion: 82 Resp: 797017
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.5 54.7
 54 44.2 36.0 54.0

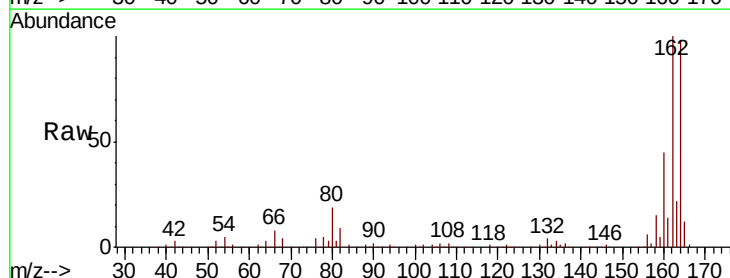


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

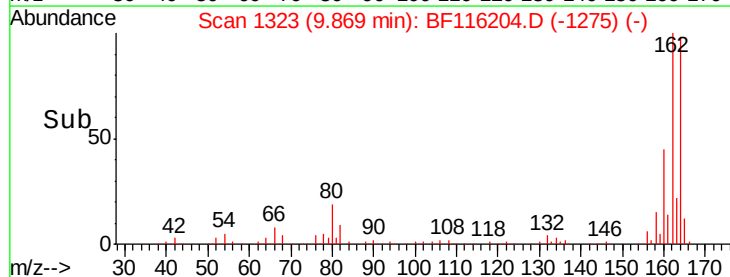
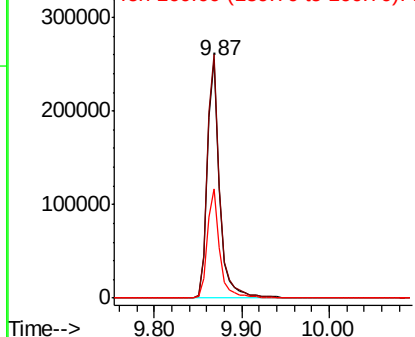


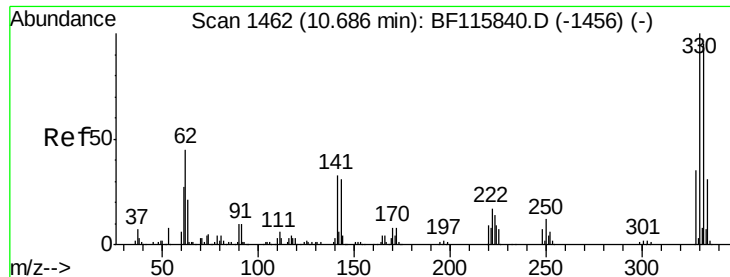
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116204.D
 Acq: 12 Aug 2019 22:20

Tgt Ion: 164 Resp: 251272
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 124.0
 160 46.1 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

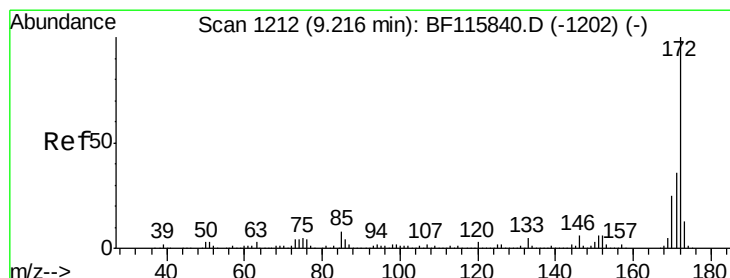
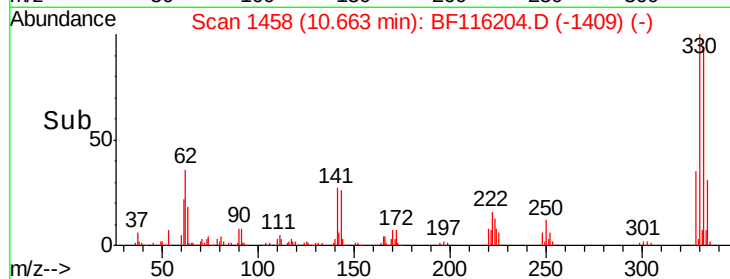
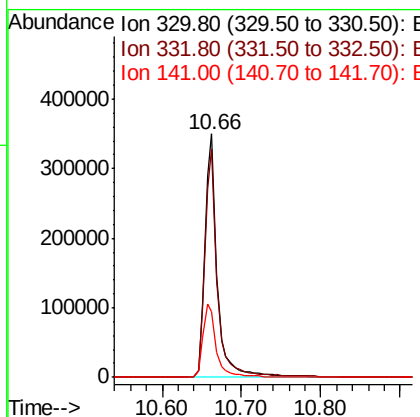
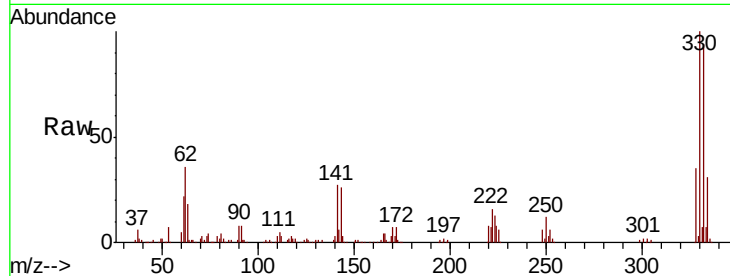




#42
 2,4,6-Tribromophenol
 Concen: 158.713 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116204.D
 Acq: 12 Aug 2019 22:20

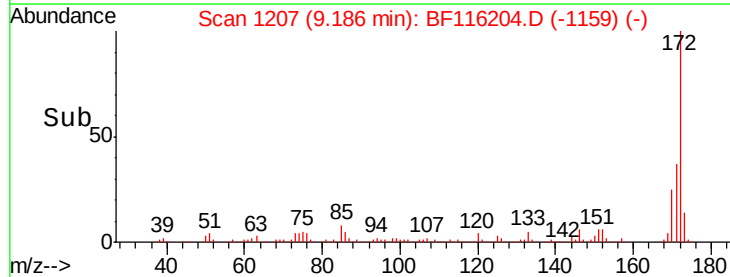
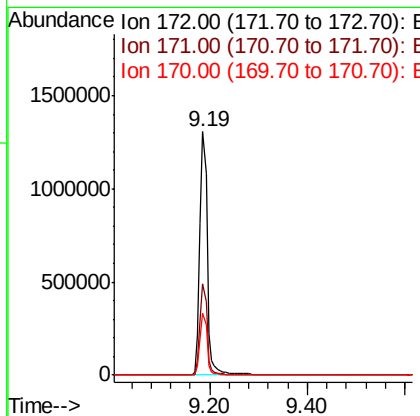
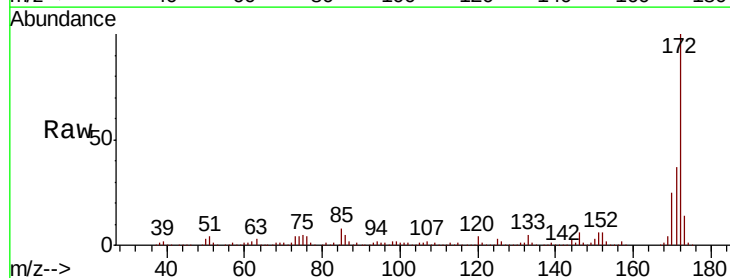
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-B

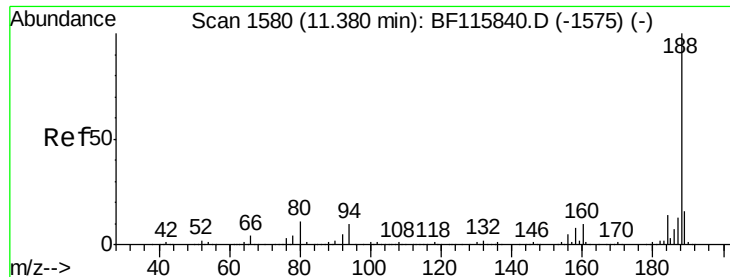
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	33.2	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 104.872 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116204.D
 Acq: 12 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	25.4	20.1	30.1

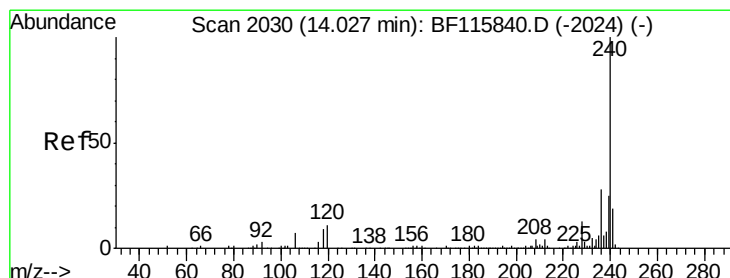
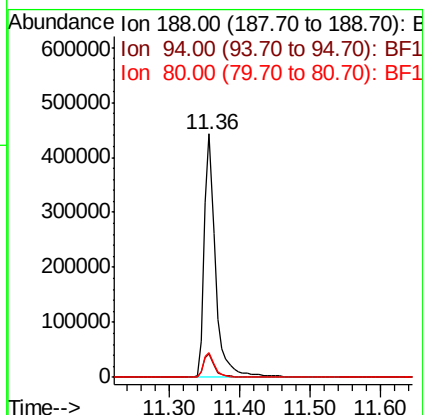
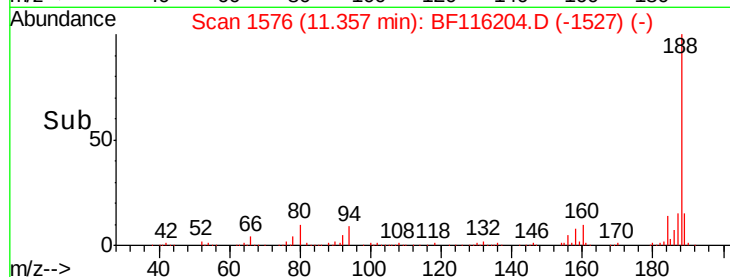
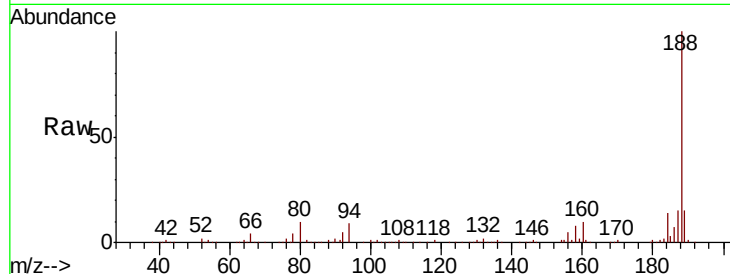




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116204.D
Acq: 12 Aug 2019 22:20

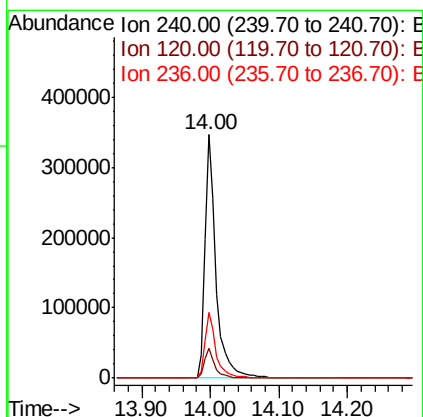
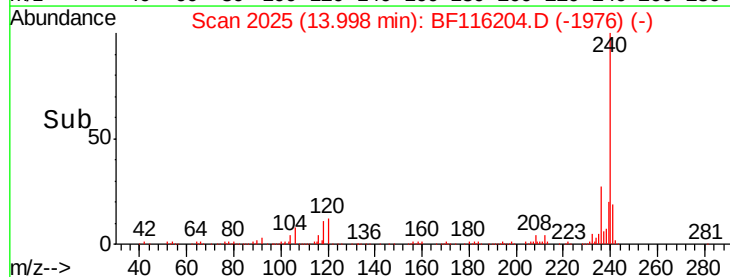
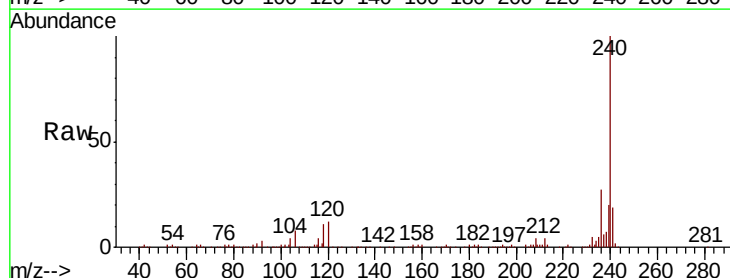
Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

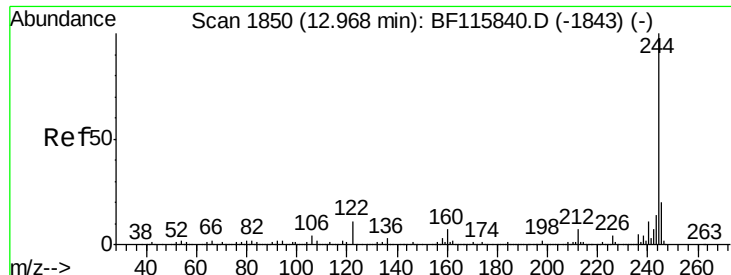
Tot Ion:188 Resp: 489008
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116204.D
Acq: 12 Aug 2019 22:20

Tgt Ion:240 Resp: 400411
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 27.1 22.2 33.2





#79

Terphenyl-d14

Concen: 95.795 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116204.D

Acq: 12 Aug 2019 22:20

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-B

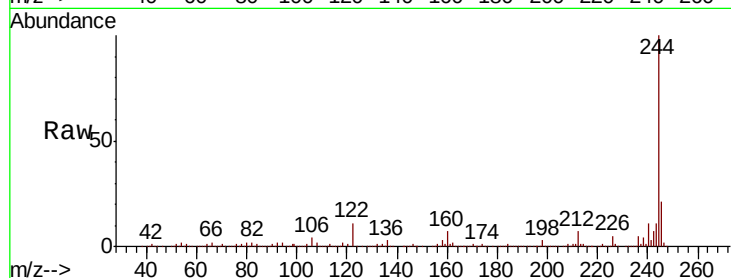
Tot Ion:244 Resp: 1820326

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

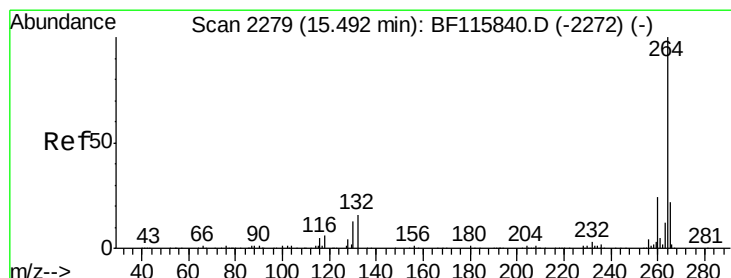
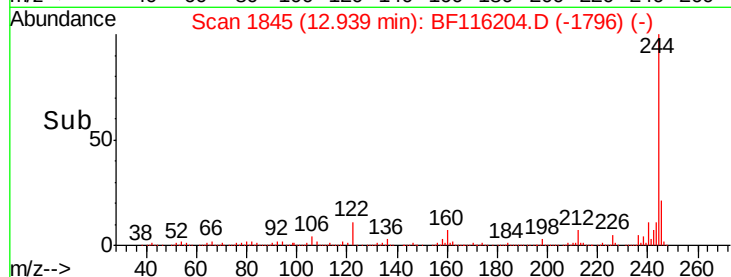
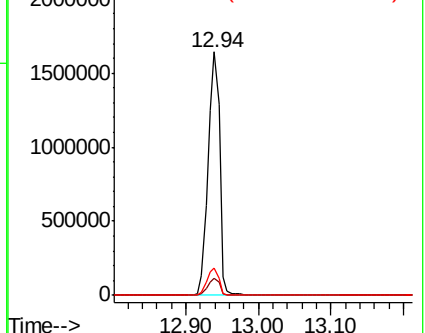
122 11.0 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116204.D

Acq: 12 Aug 2019 22:20

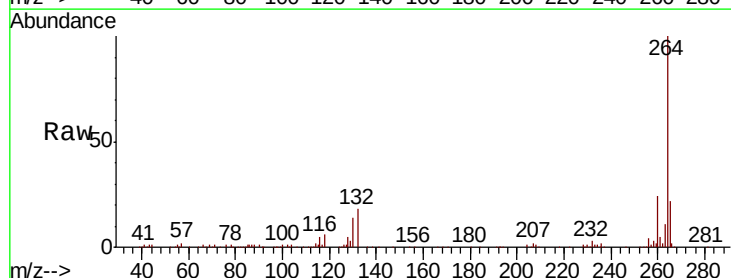
Tgt Ion:264 Resp: 363289

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.8 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

