

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116345.D
 Acq On : 17 Aug 2019 3:58
 Operator : HP/JU
 Sample : K4090-09 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081519

Quant Time: Aug 19 01:47:39 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	133856	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	536199	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	262856	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	395268	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	260656	20.00	ng	-0.03
87) Perylene-d12	15.43	264	294768	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	53196	6.65	ng	0.00
7) Phenol-d6	6.48	99	72316	7.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	46935	5.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	12545	4.92	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	95643	6.82	ng	-0.03
79) Terphenyl-d14	12.92	244	74773	6.04	ng	-0.04

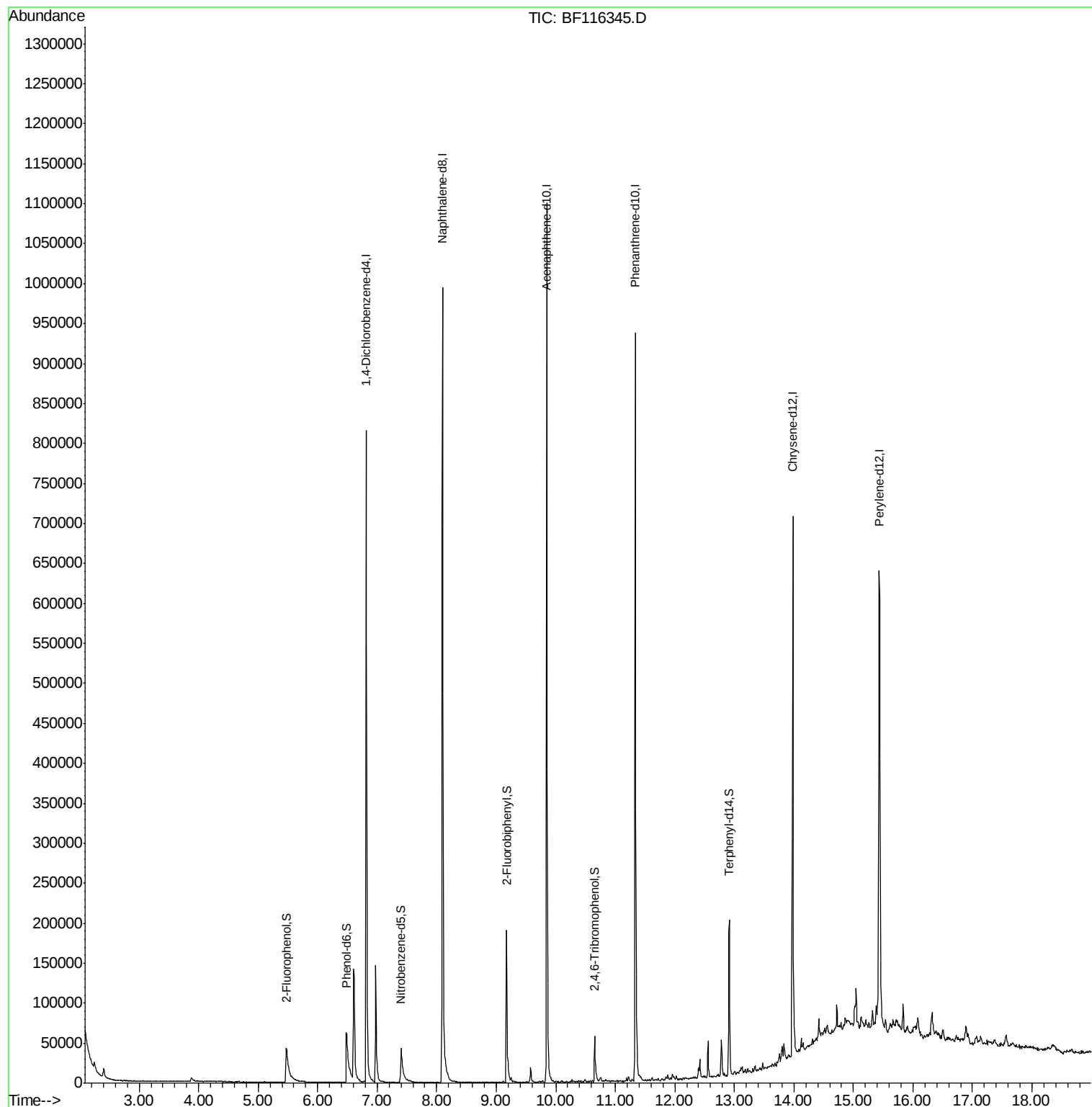
Target Compounds Qvalue

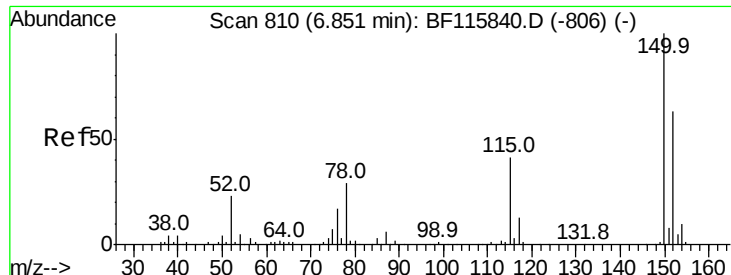
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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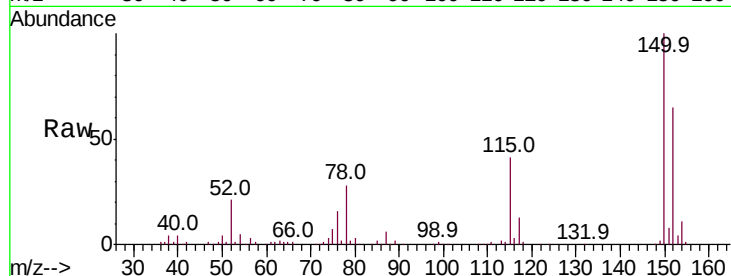


#1

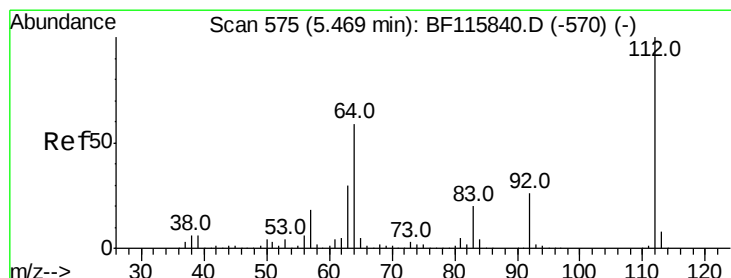
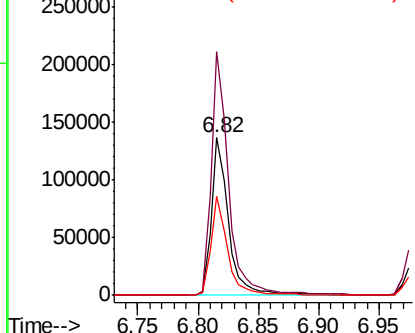
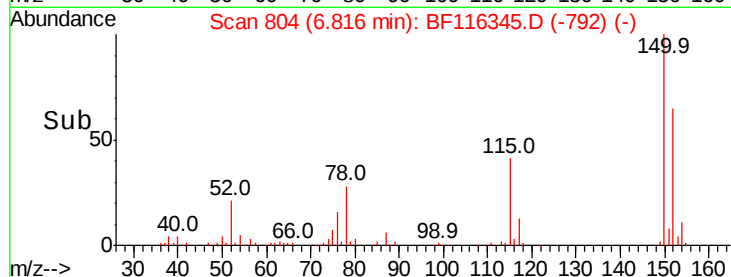
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tot Ion:152 Resp: 133856
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 63.1 49.9 74.9



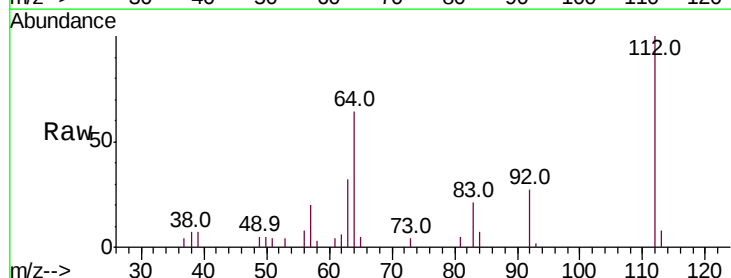
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



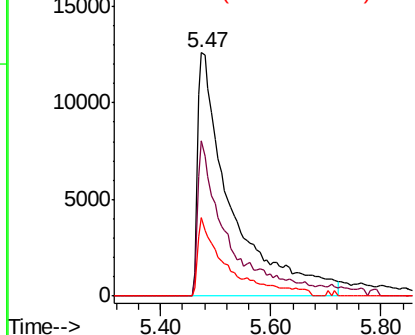
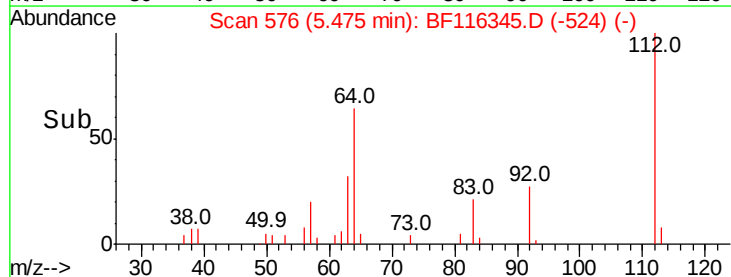
#5

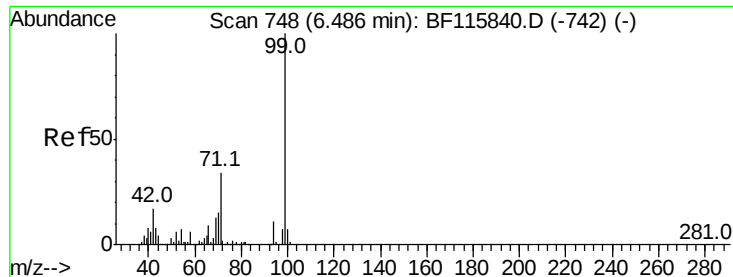
2-Fluorophenol
Concen: 6.653 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:112 Resp: 53196
Ion Ratio Lower Upper
112 100
64 64.0 45.4 68.2
63 32.3 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: 7.168 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116345.D

Acq: 17 Aug 2019 3:58

Instrument :

BNA_F

ClientSampleId :

OR-02-081519

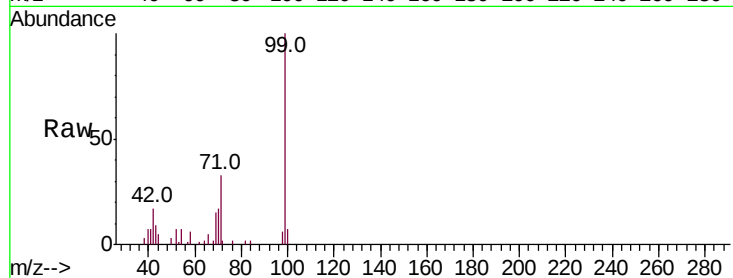
Tot Ion: 99 Resp: 72316

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

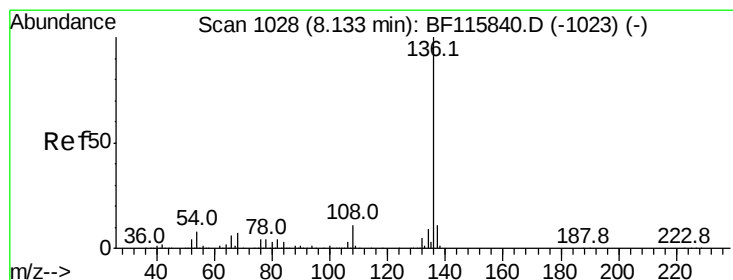
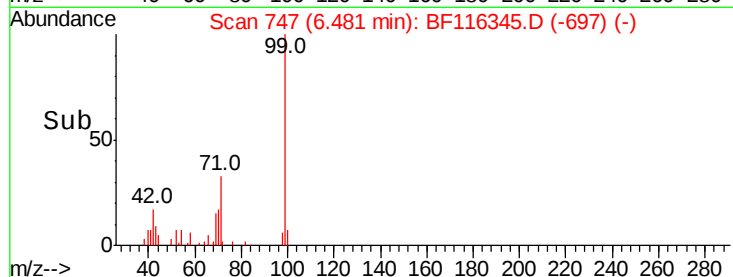
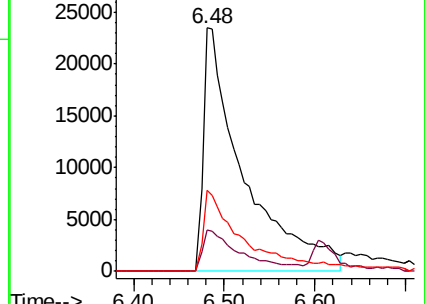
71 33.1 27.3 40.9



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: BF116345.D

Acq: 17 Aug 2019 3:58

Tgt Ion: 136 Resp: 536199

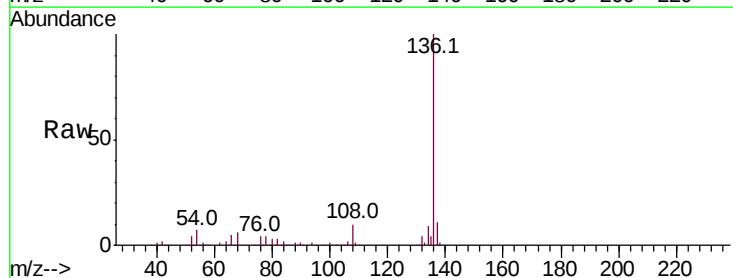
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.8 5.8 8.6

68 6.0 5.2 7.8

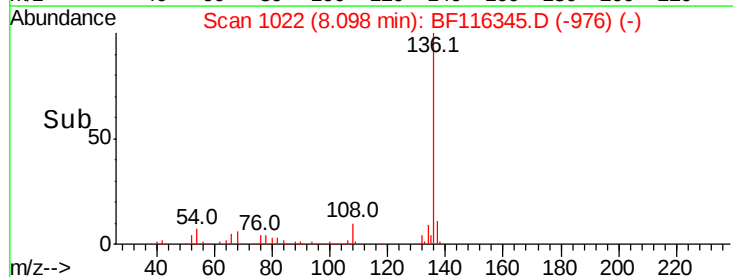
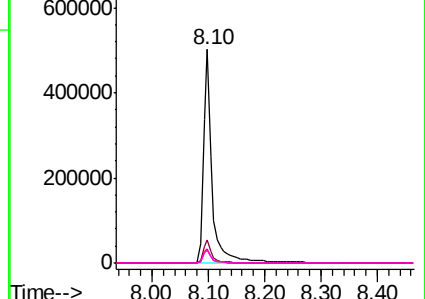


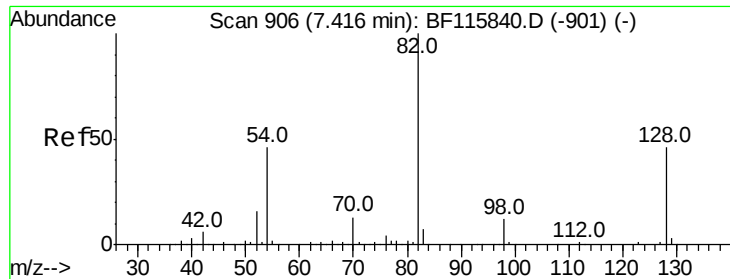
Abundance Ion 136.00 (135.70 to 136.70): E

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

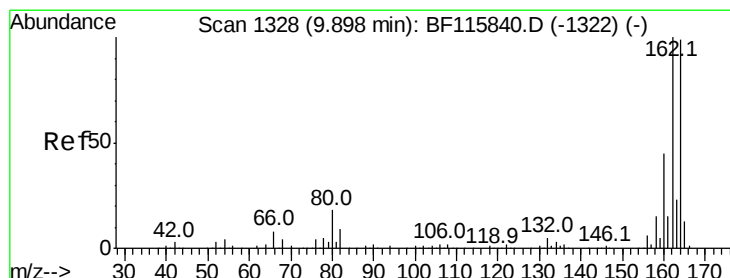
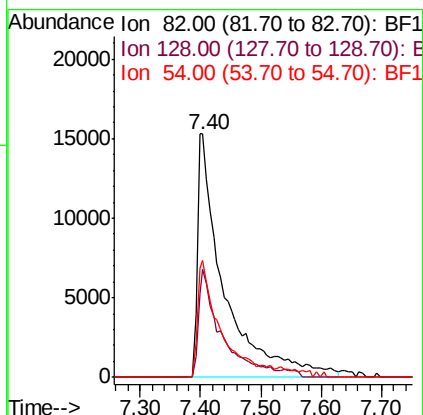
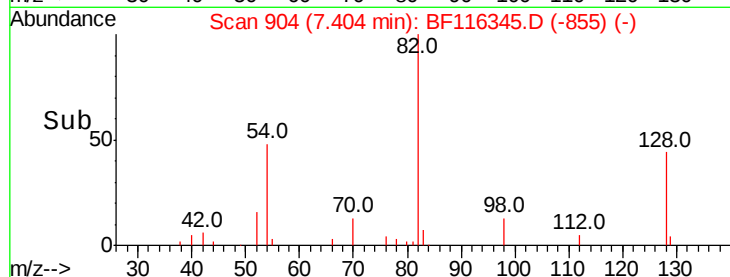
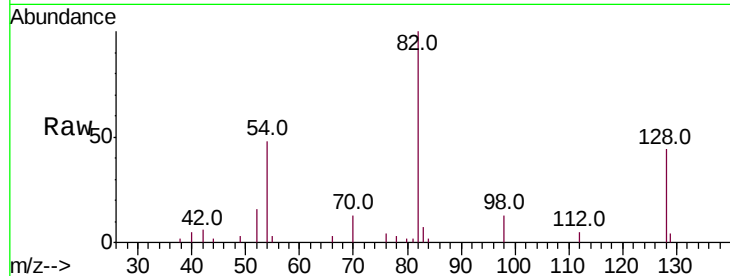




#23
Nitrobenzene-d5
Concen: 5.053 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

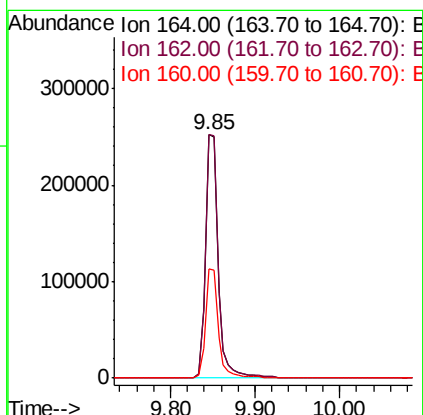
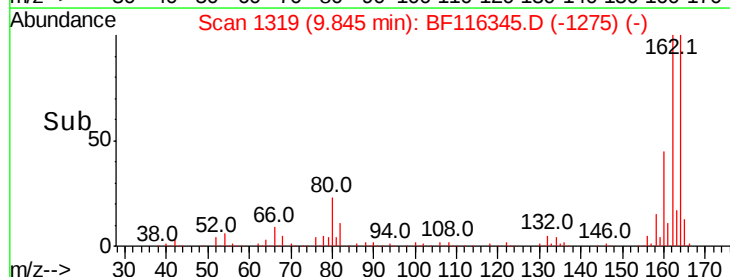
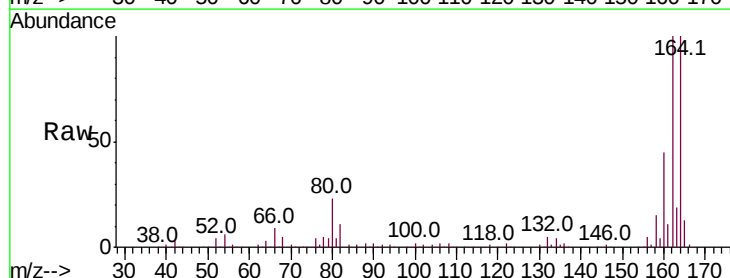
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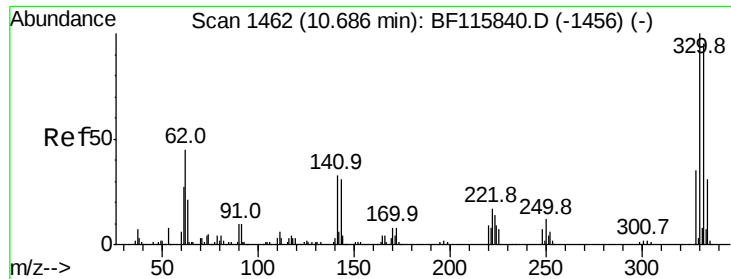
Tot Ion: 82 Resp: 46935
Ion Ratio Lower Upper
82 100
128 44.2 36.5 54.7
54 47.8 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion: 164 Resp: 262856
Ion Ratio Lower Upper
164 100
162 100.1 82.6 124.0
160 44.7 37.6 56.4

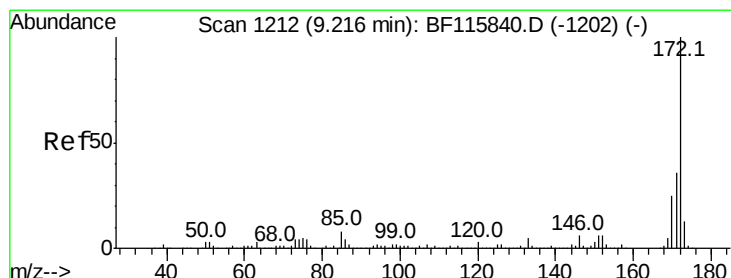
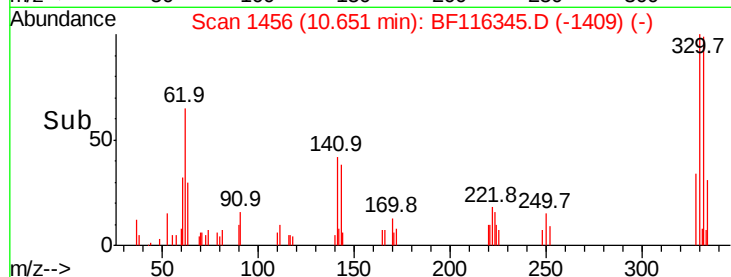
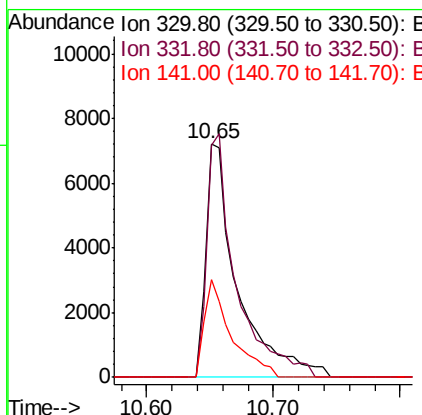
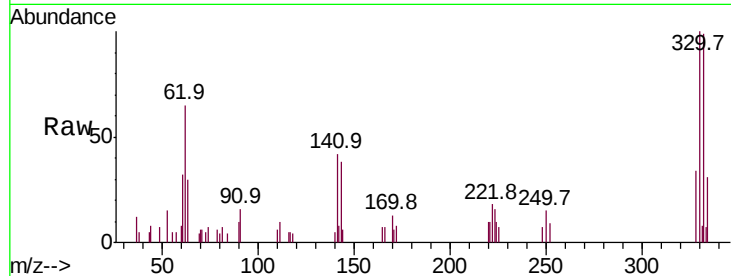




#42
 2,4,6-Tribromophenol
 Concen: 4.923 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116345.D
 Acq: 17 Aug 2019 3:58

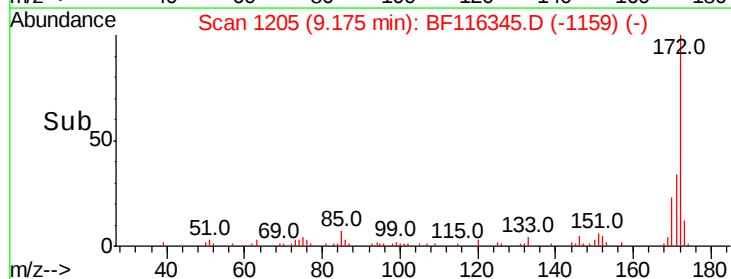
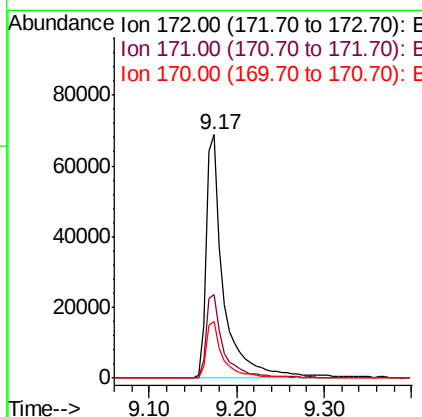
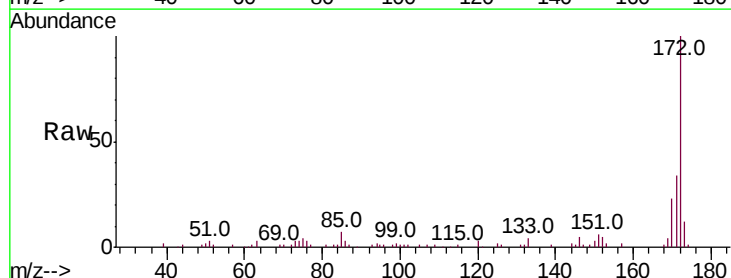
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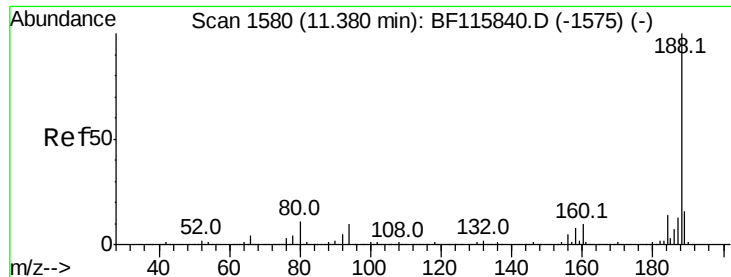
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	35.7	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 6.815 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF116345.D
 Acq: 17 Aug 2019 3:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	23.4	20.1	30.1

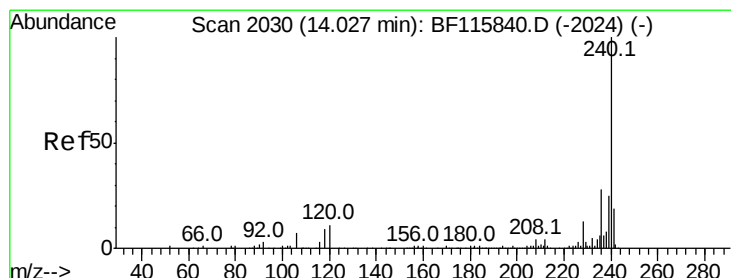
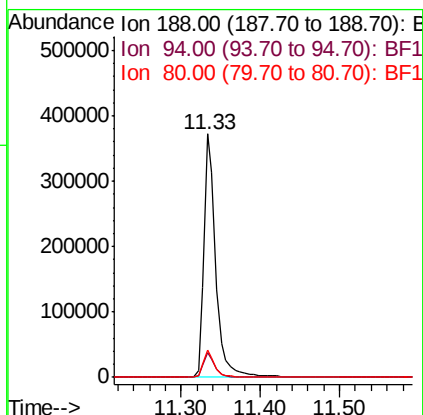
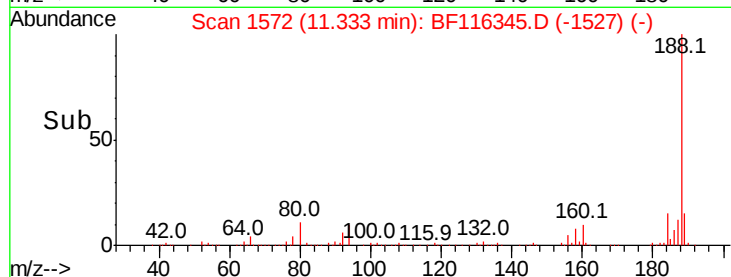
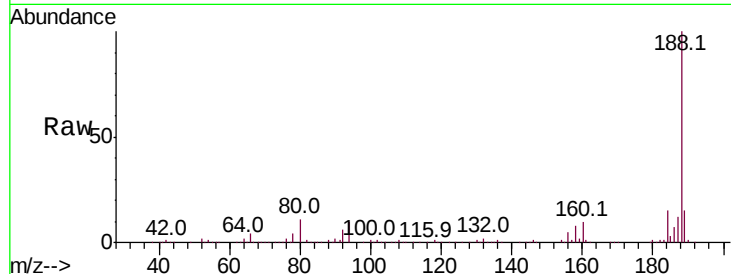




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

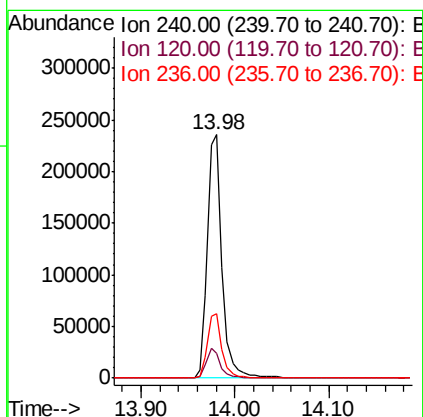
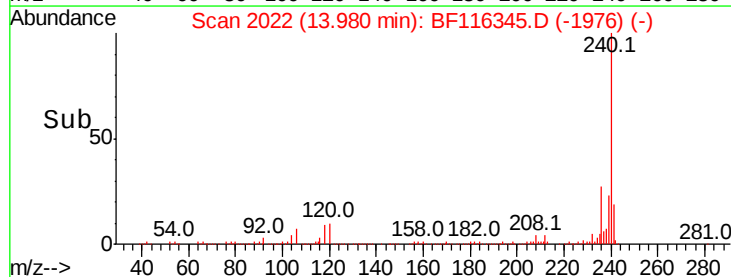
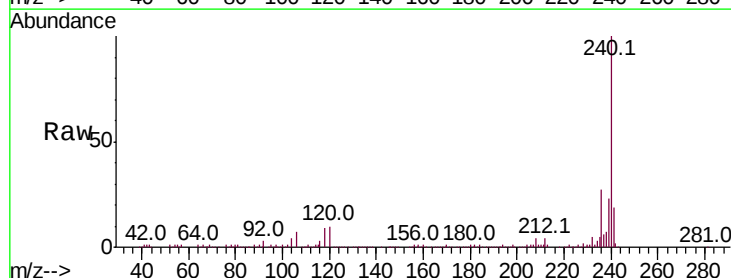
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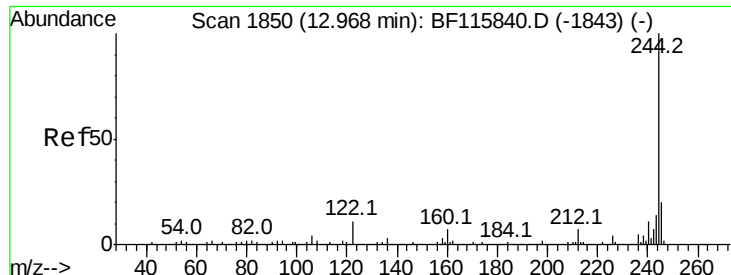
Tot Ion:188 Resp: 395268
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:240 Resp: 260656
Ion Ratio Lower Upper
240 100
120 10.4 10.7 16.1#
236 26.6 22.2 33.2

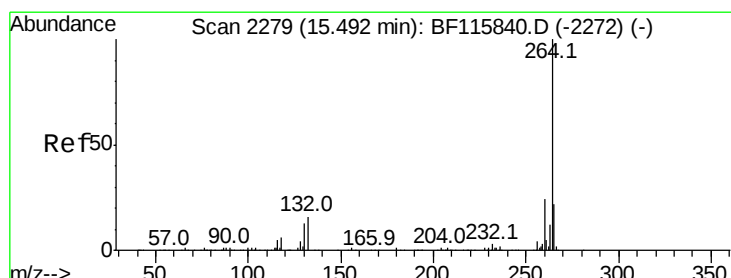
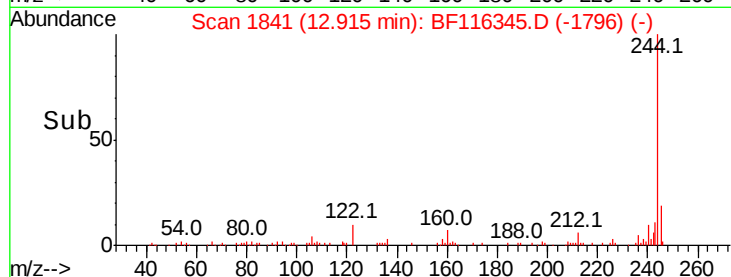
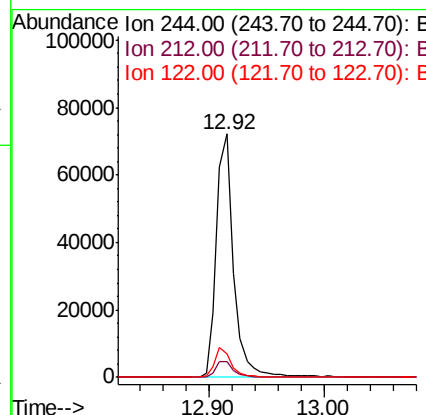
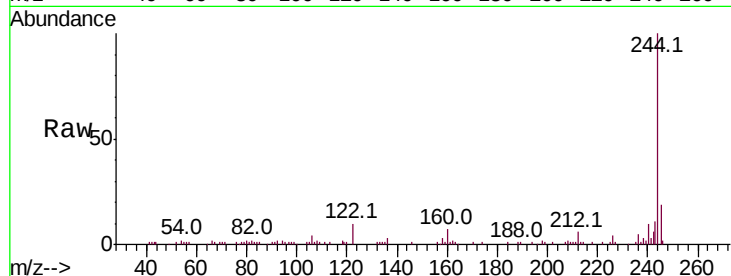




#79
 Terphenyl-d14
 Concen: 6.045 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116345.D
 Acq: 17 Aug 2019 3:58

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081519

Tot Ion:244 Resp: 74773
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 9.9 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116345.D
 Acq: 17 Aug 2019 3:58

Tgt Ion:264 Resp: 294768
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 22.4 17.4 26.0

