

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116544.D
 Acq On : 25 Aug 2019 20:45
 Operator : HP/JU
 Sample : K4401-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1359B

Quant Time: Aug 26 08:05:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137129	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	520096	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	232165	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	328550	20.00	ng	0.00
76) Chrysene-d12	14.03	240	228423	20.00	ng	0.00
87) Perylene-d12	15.50	264	202154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	17165	1.83	ng	0.00
7) Phenol-d6	6.50	99	88502	7.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	60109	6.32	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1506	0.76	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	158512	11.00	ng	0.00
79) Terphenyl-d14	12.98	244	116477	9.52	ng	0.00

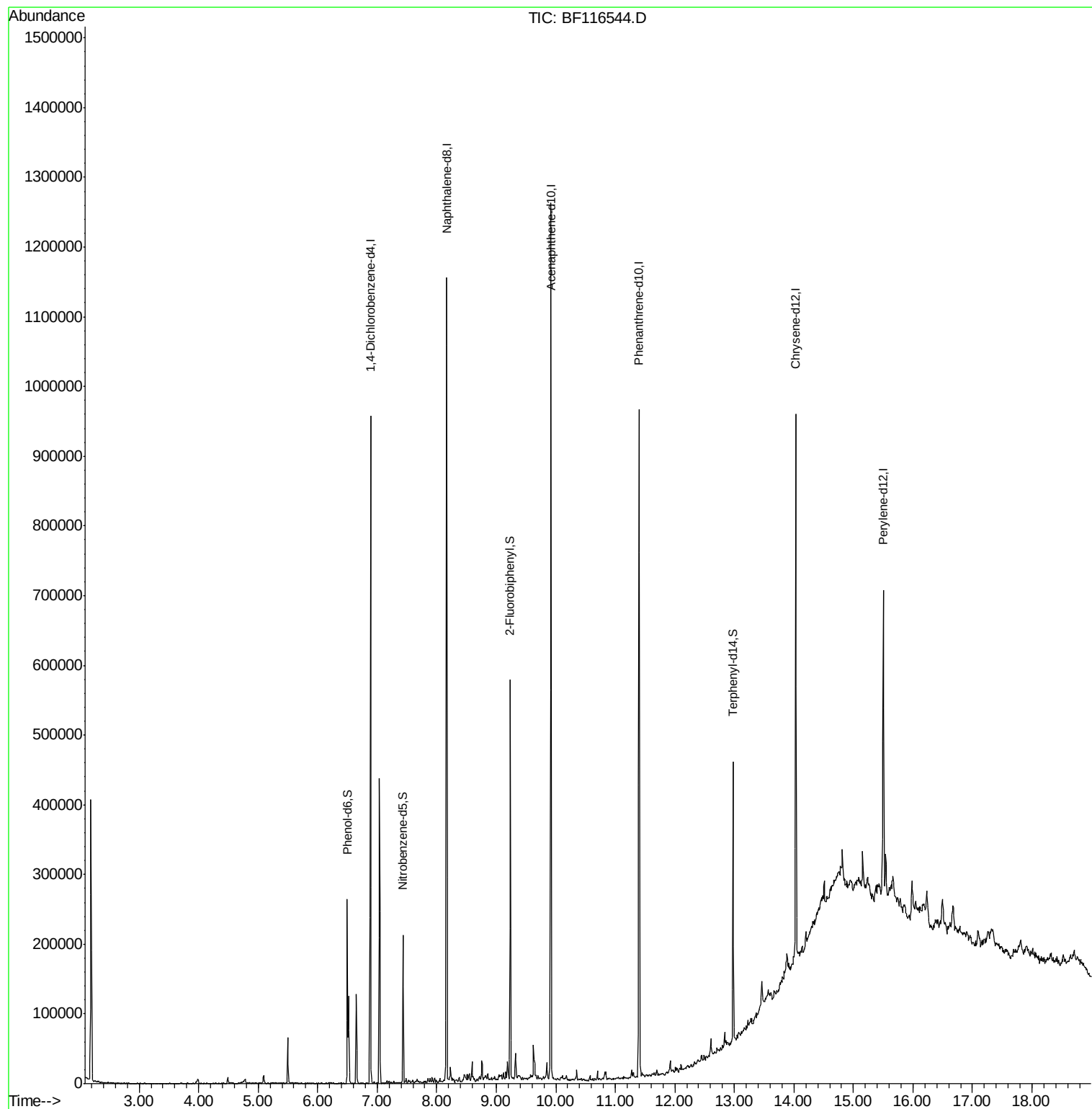
Target Compounds	Qvalue
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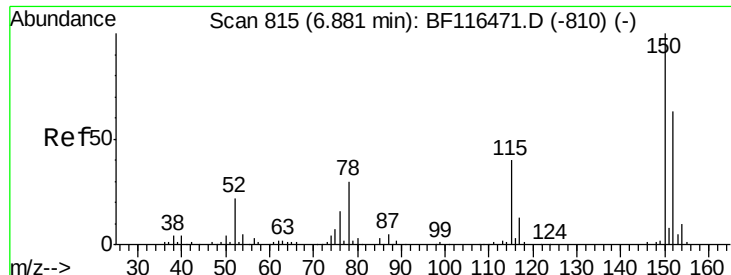
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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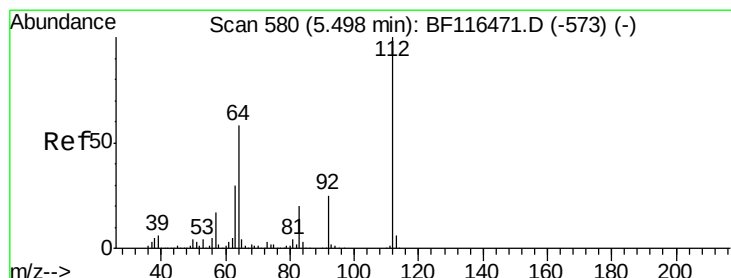
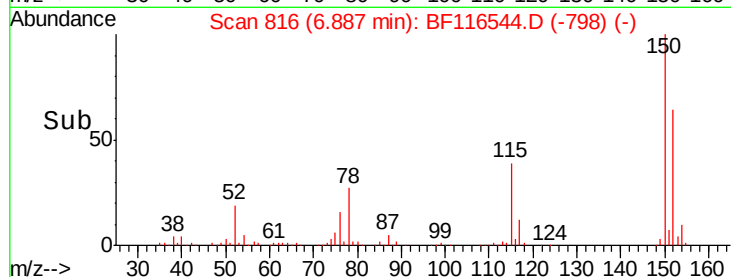
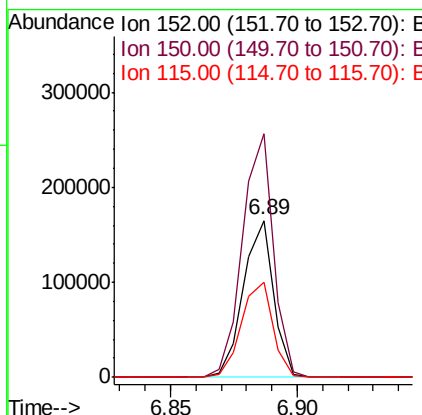
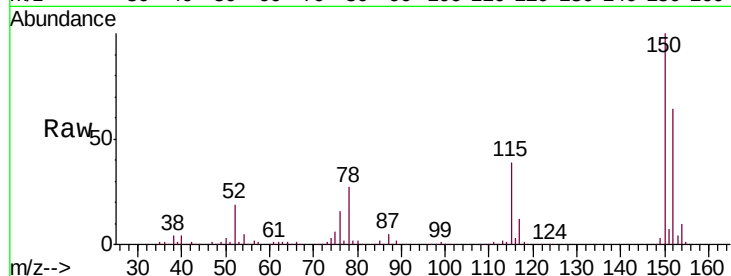


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116544.D
 Acq: 25 Aug 2019 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1359B

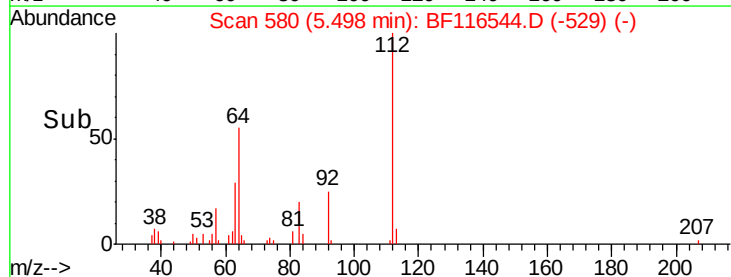
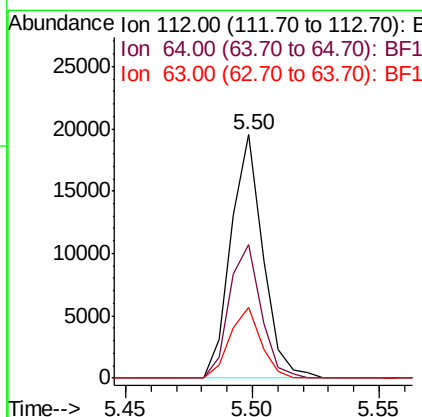
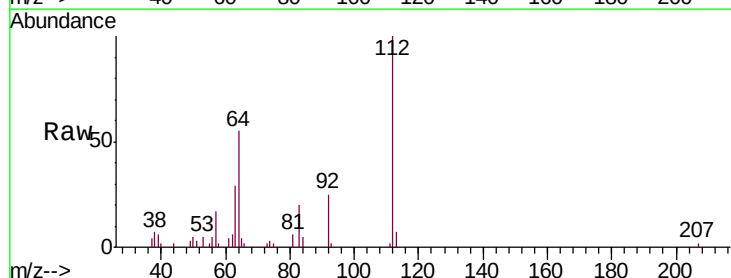
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.7	190.1
115	60.2	50.9	76.3

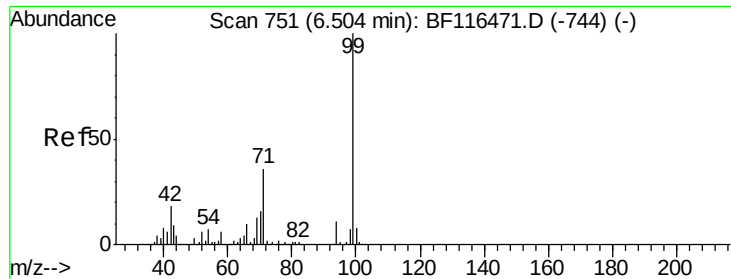


#5

2-Fluorophenol
 Concen: 1.829 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF116544.D
 Acq: 25 Aug 2019 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.3	69.5
63	28.9	24.2	36.4





#7

Phenol-d6

Concen: 7.691 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116544.D

Acq: 25 Aug 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-1359B

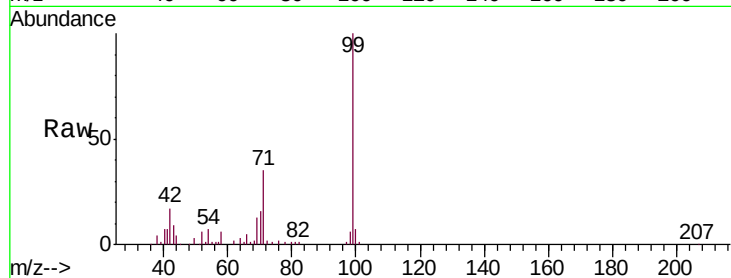
Tot Ion: 99 Resp: 88502

Ion Ratio Lower Upper

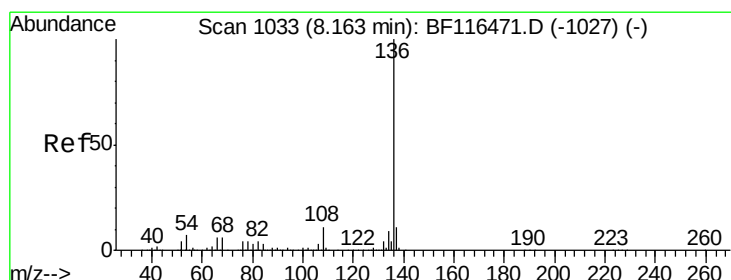
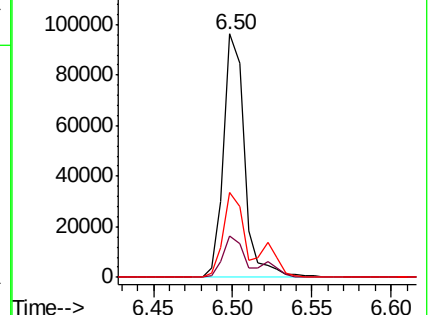
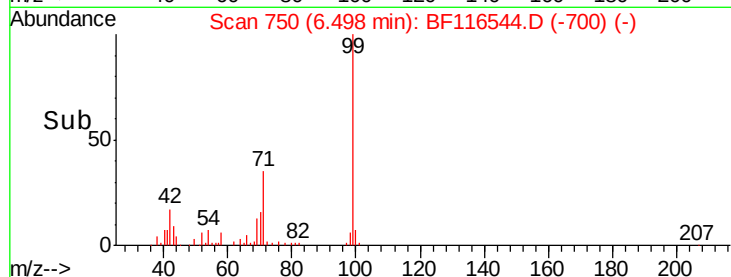
99 100

42 17.0 14.6 21.8

71 34.9 28.5 42.7



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: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF116544.D

Acq: 25 Aug 2019 20:45

Tgt Ion: 136 Resp: 520096

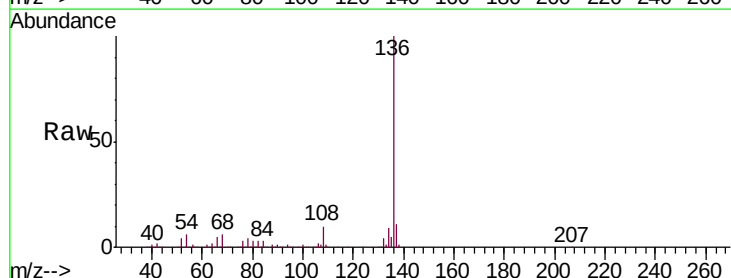
Ion Ratio Lower Upper

136 100

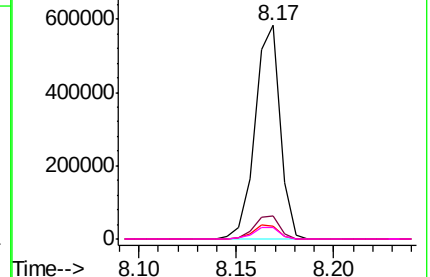
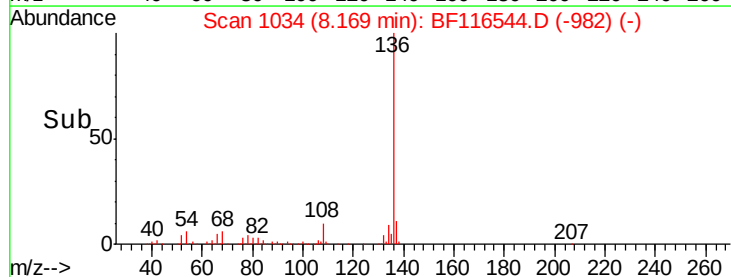
137 10.7 9.0 13.4

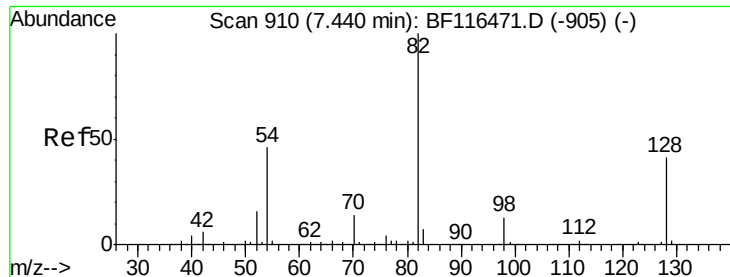
54 6.1 5.8 8.6

68 5.5 5.1 7.7



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

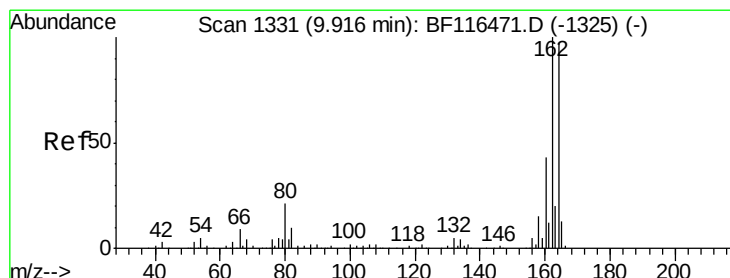
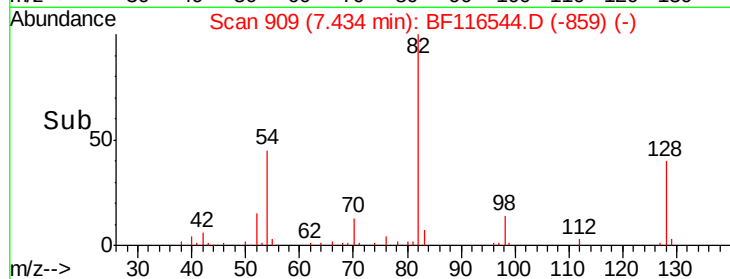
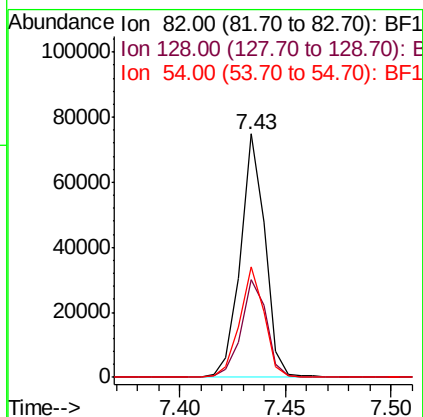
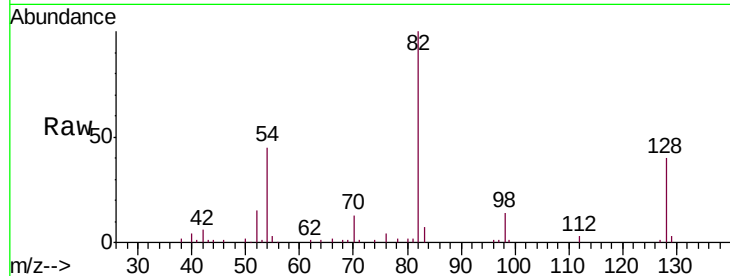




#23
 Nitrobenzene-d5
 Concen: 6.323 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116544.D
 Acq: 25 Aug 2019 20:45

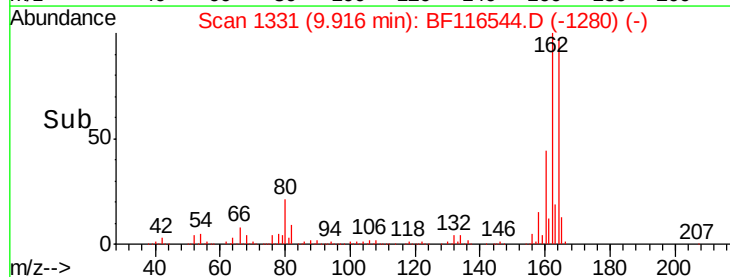
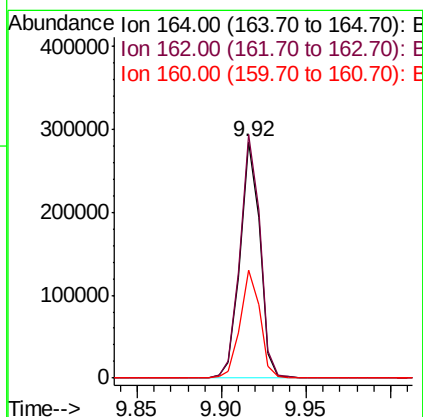
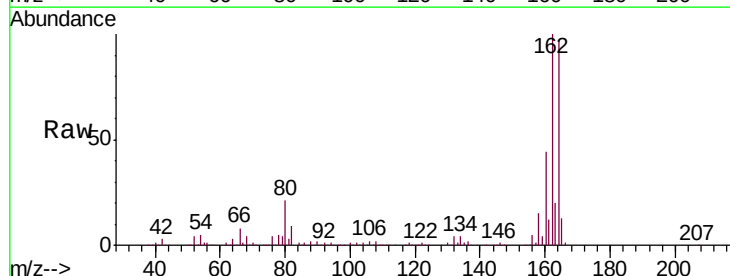
Instrument :
 BNA_F
 ClientSampled :
 TP-1359B

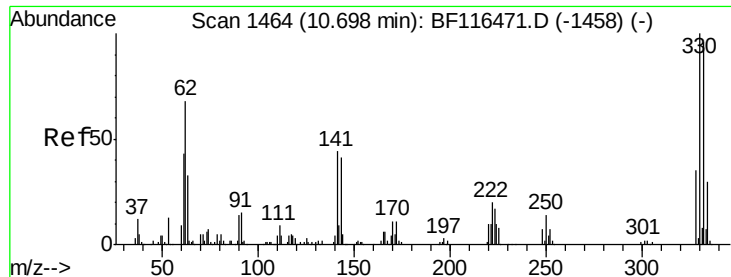
Tot Ion	82	Resp	60109
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.2	48.4
54	45.2	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116544.D
 Acq: 25 Aug 2019 20:45

Tgt Ion	164	Resp	232165
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.6	123.8
160	45.5	35.8	53.8

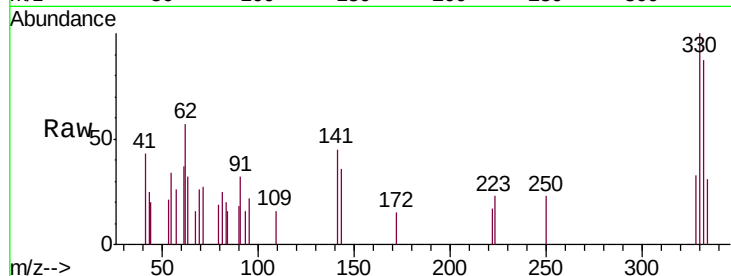




#42
 2,4,6-Tribromophenol
 Concen: 0.755 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116544.D
 Acq: 25 Aug 2019 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1359B

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.2	115.8
141	42.2	33.3	49.9

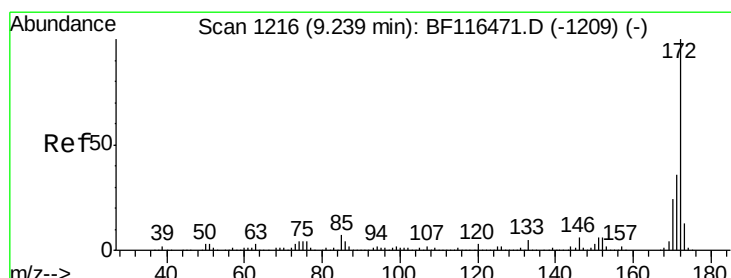
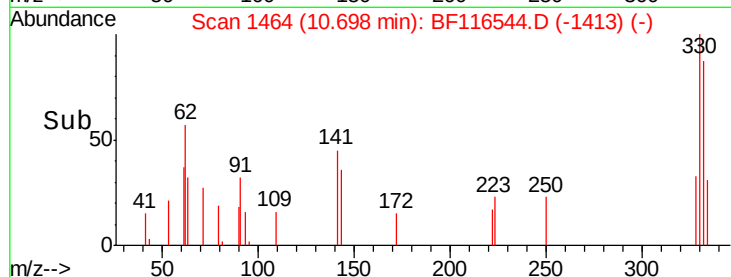
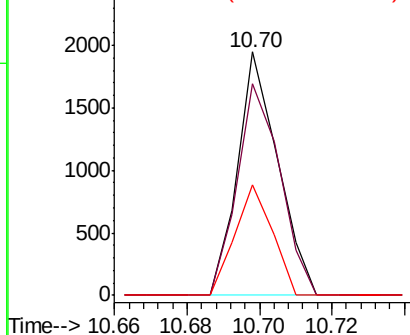


Abundance

Ion 329.80 (329.50 to 330.50): E

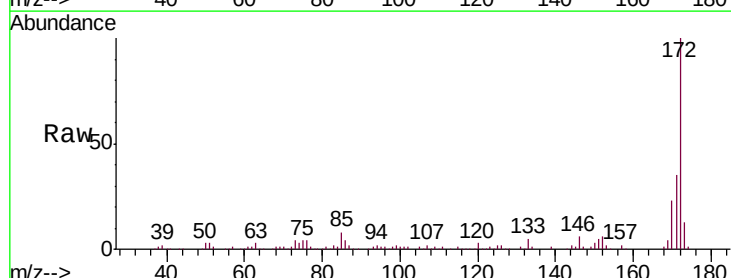
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 10.995 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116544.D
 Acq: 25 Aug 2019 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.2	19.4	29.0

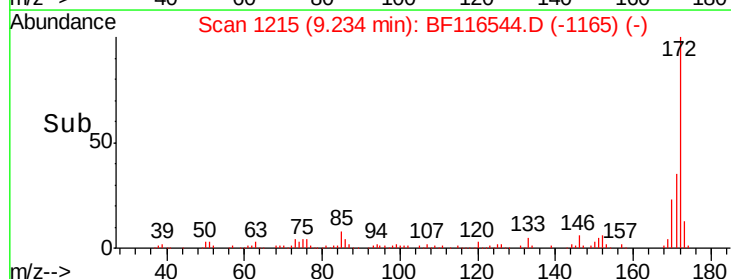
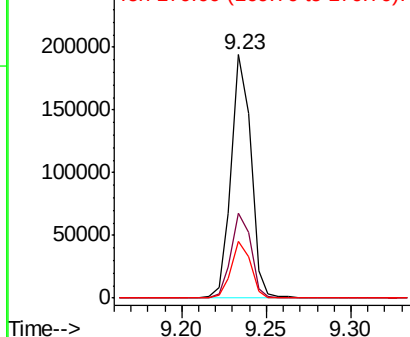


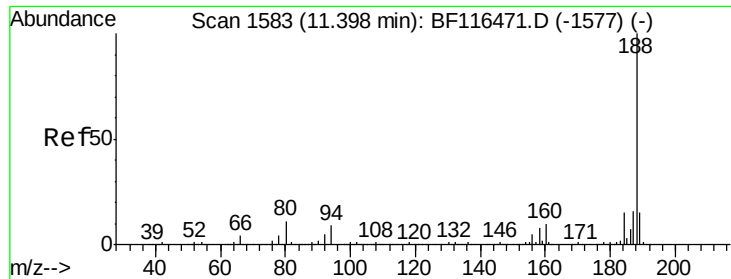
Abundance

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

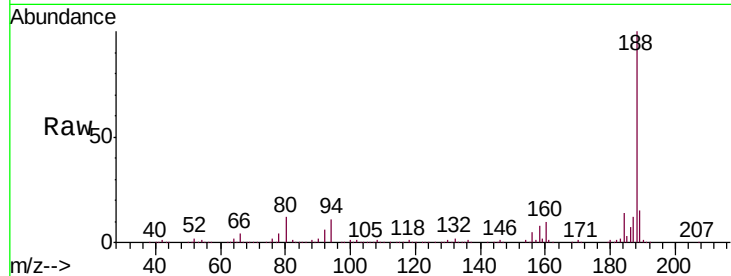




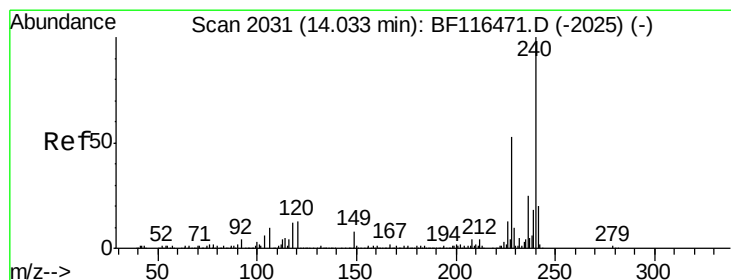
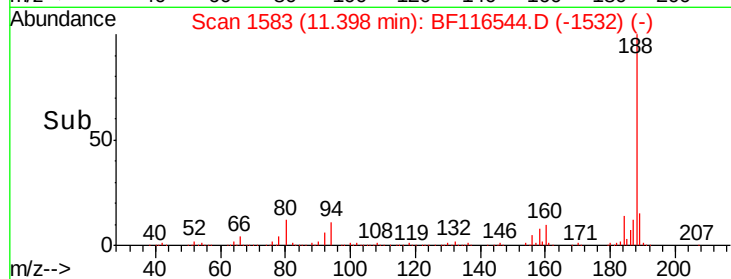
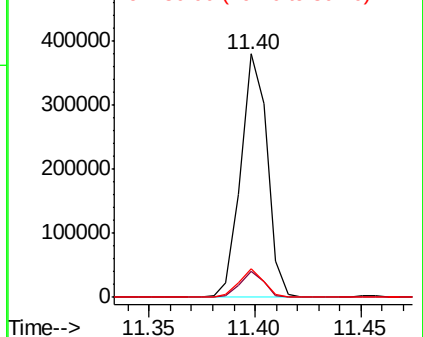
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116544.D
Acq: 25 Aug 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-1359B

Tot Ion:188 Resp: 328550
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.6 8.6 12.8

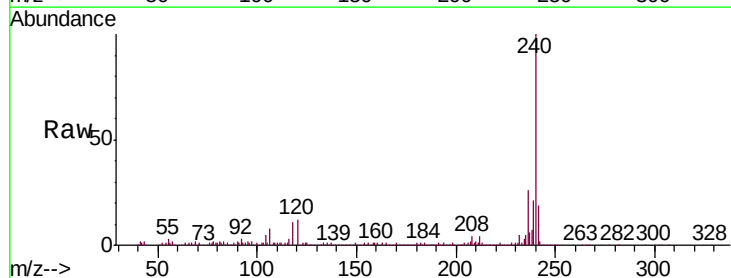


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

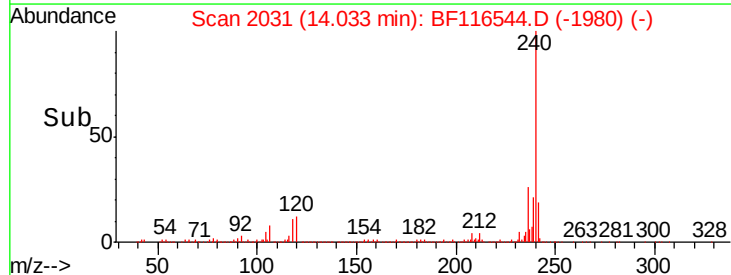
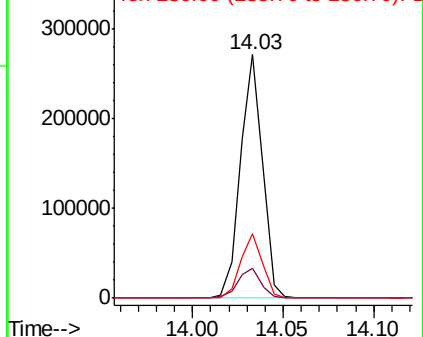


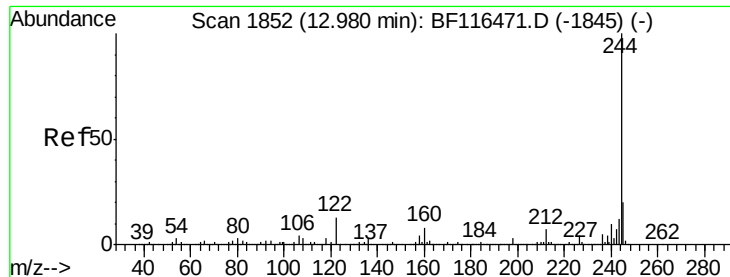
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116544.D
Acq: 25 Aug 2019 20:45

Tgt Ion:240 Resp: 228423
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 26.3 20.2 30.2



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: 9.525 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116544.D

Acq: 25 Aug 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-1359B

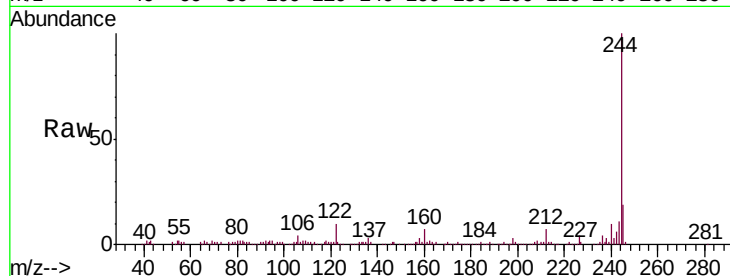
Tot Ion:244 Resp: 116477

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

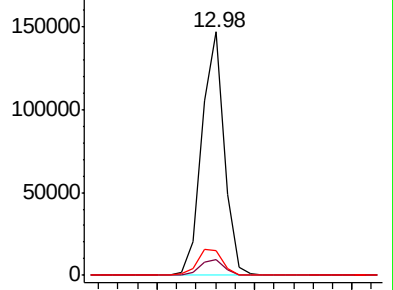
122 10.2 10.2 15.4#



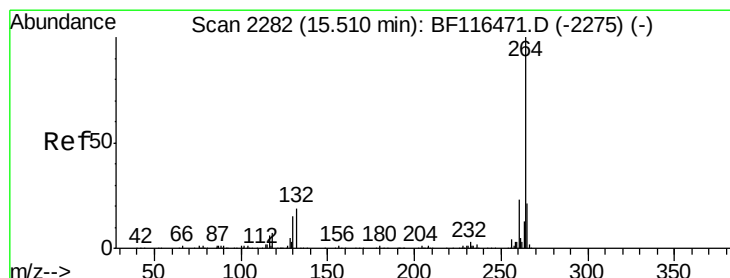
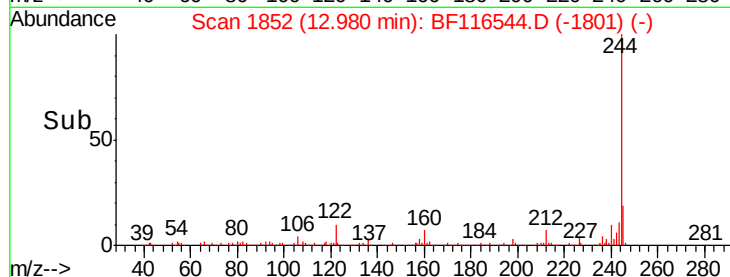
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF116544.D

Acq: 25 Aug 2019 20:45

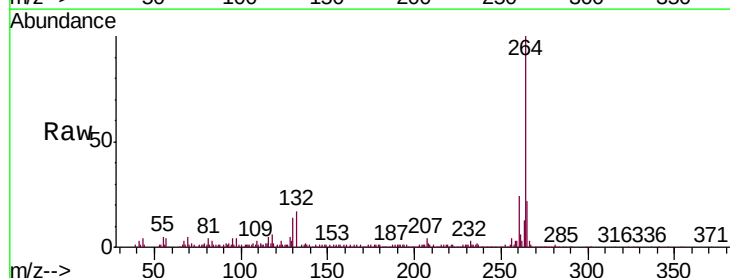
Tgt Ion:264 Resp: 202154

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

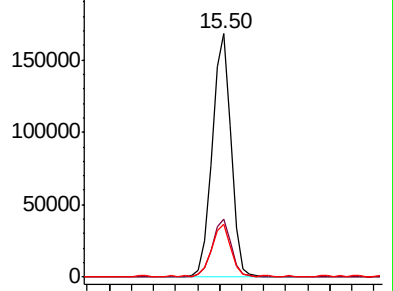
265 21.8 17.1 25.7



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



Time-->

