

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
 Data File : BF116566.D
 Acq On : 26 Aug 2019 11:24
 Operator : HP/JU
 Sample : PB122528BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BL

Quant Time: Aug 27 03:16:06 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	6.88	152	132636	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	524930	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	282042	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	501748	20.00	ng	0.00
76) Chrysene-d12	14.03	240	358679	20.00	ng	0.00
87) Perylene-d12	15.50	264	329216	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	839388	92.47	ng	0.02
7) Phenol-d6	6.51	99	1110430	99.77	ng	0.00
23) Nitrobenzene-d5	7.44	82	719026	74.94	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	286853	118.45	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1328212	75.84	ng	0.00
79) Terphenyl-d14	12.99	244	1454670	75.76	ng	0.00

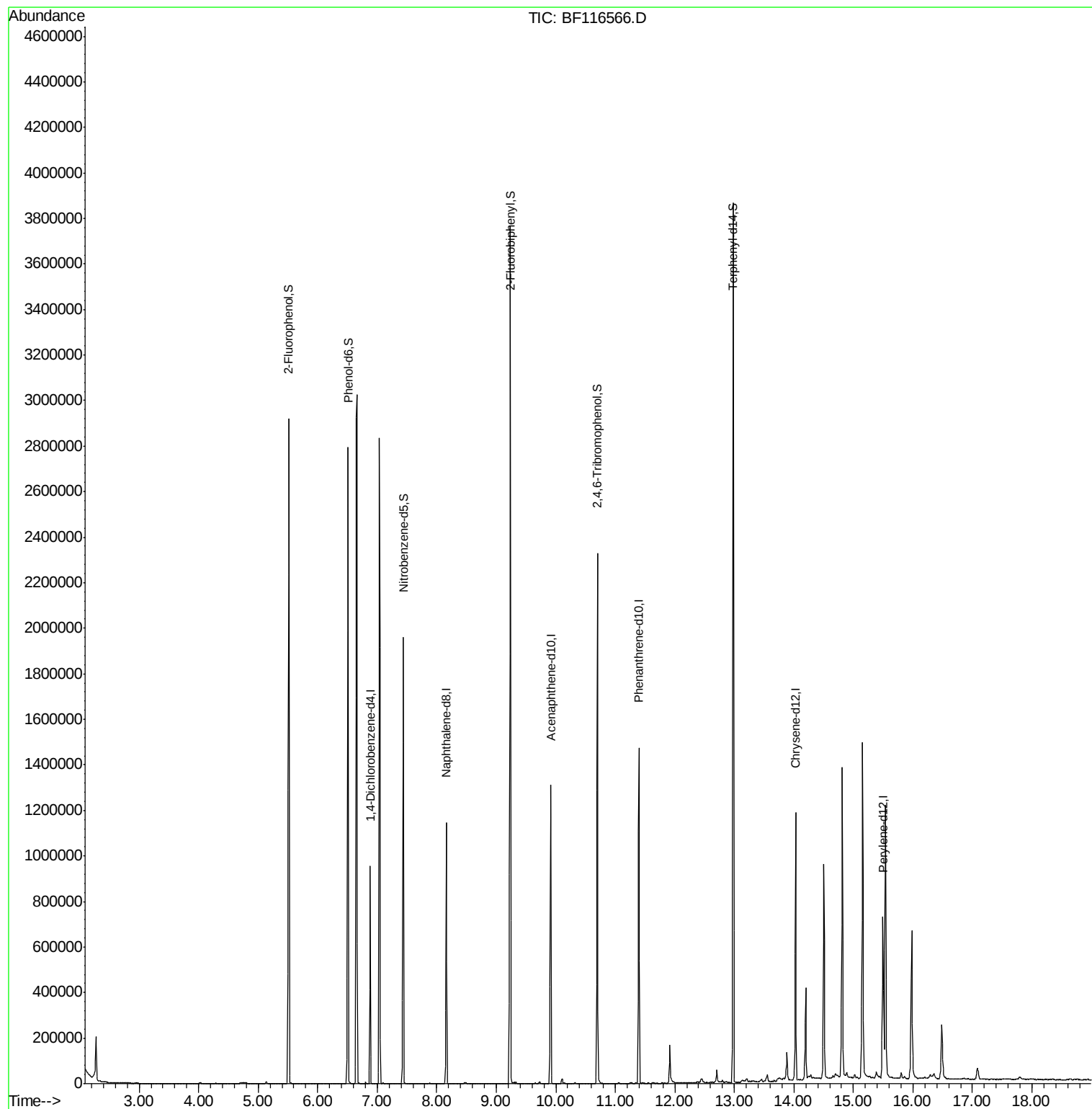
Target Compounds	Qvalue
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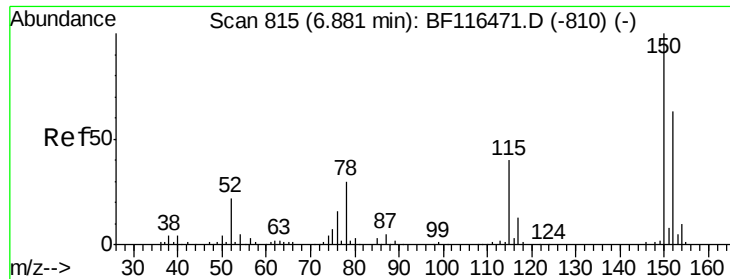
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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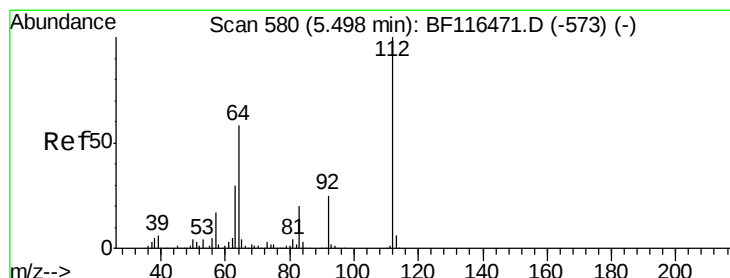
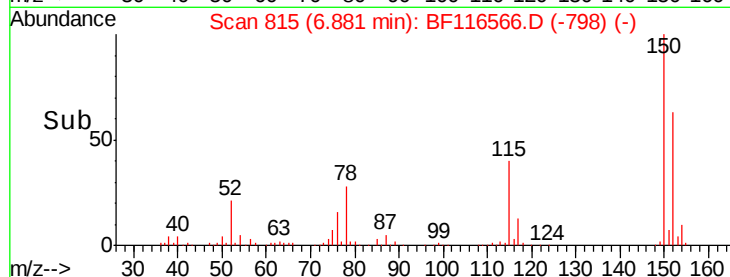
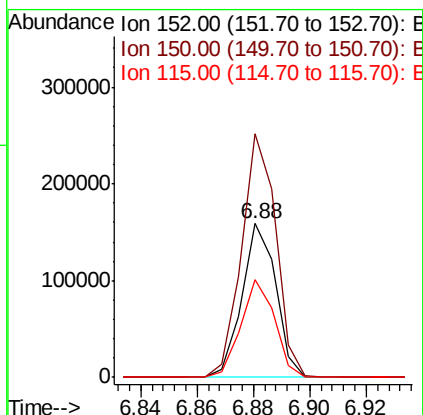
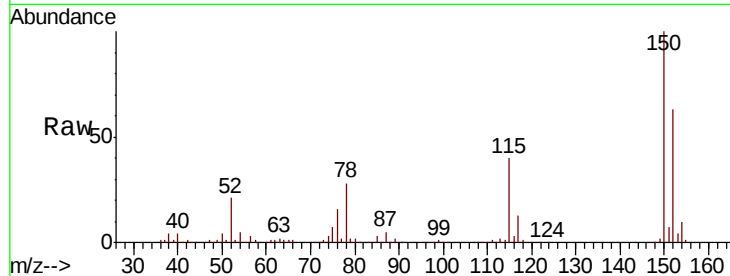


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116566.D
Acq: 26 Aug 2019 11:24

Instrument :
BNA_F
ClientSampleId :
PB122528BL

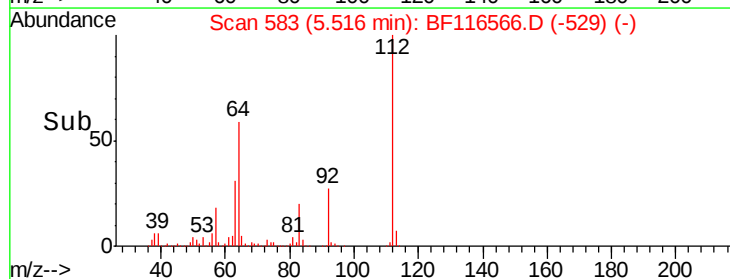
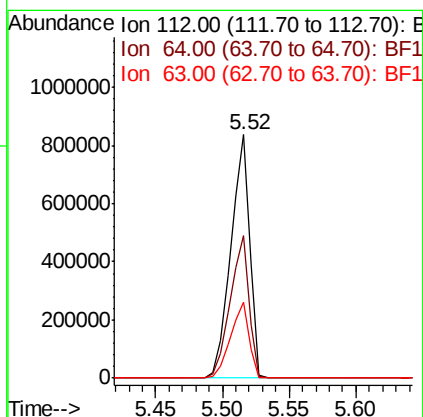
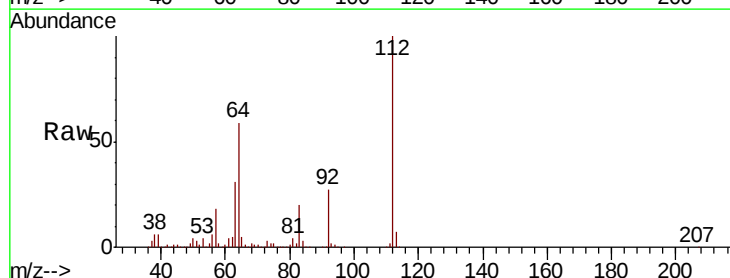
Tot Ion:152 Resp: 132636
Ion Ratio Lower Upper
152 100
150 158.2 126.7 190.1
115 63.5 50.9 76.3

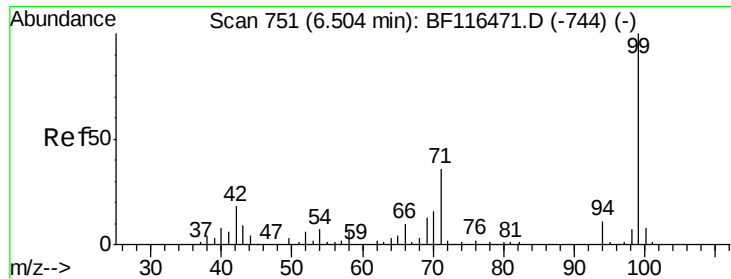


#5

2-Fluorophenol
Concen: 92.469 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116566.D
Acq: 26 Aug 2019 11:24

Tgt Ion:112 Resp: 839388
Ion Ratio Lower Upper
112 100
64 58.7 46.3 69.5
63 31.1 24.2 36.4





#7

Phenol-d6

Concen: 99.766 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116566.D

Acq: 26 Aug 2019 11:24

Instrument :

BNA_F

ClientSampleId :

PB122528BL

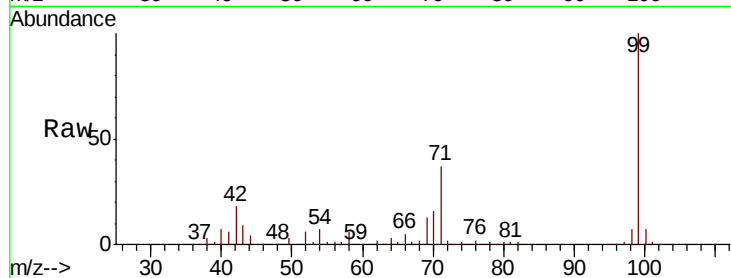
Tot Ion: 99 Resp: 1110430

Ion Ratio Lower Upper

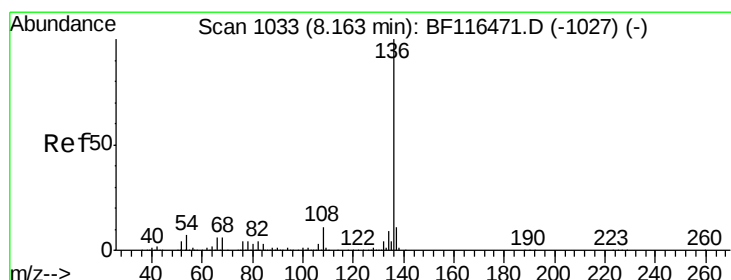
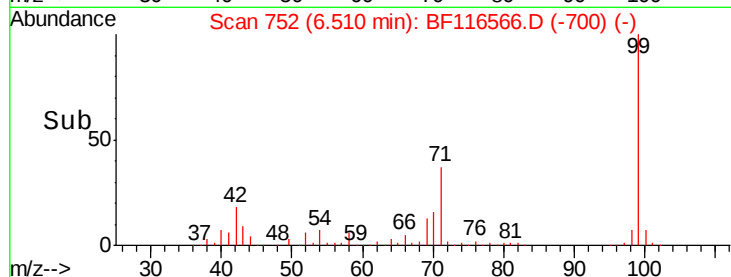
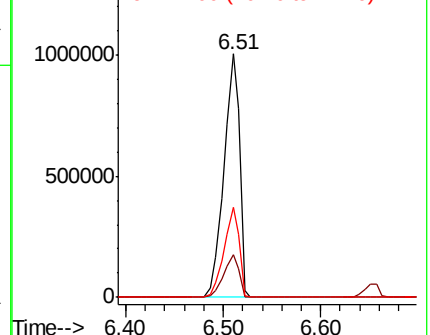
99 100

42 17.6 14.6 21.8

71 36.7 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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116566.D

Acq: 26 Aug 2019 11:24

Tgt Ion: 136 Resp: 524930

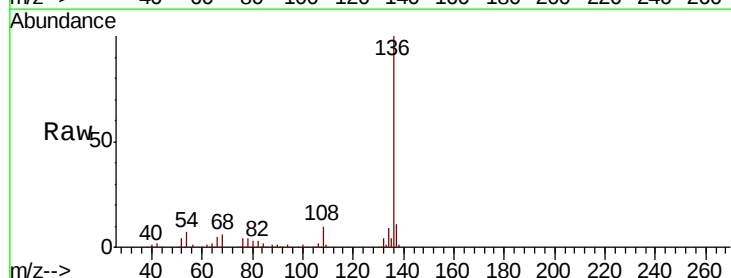
Ion Ratio Lower Upper

136 100

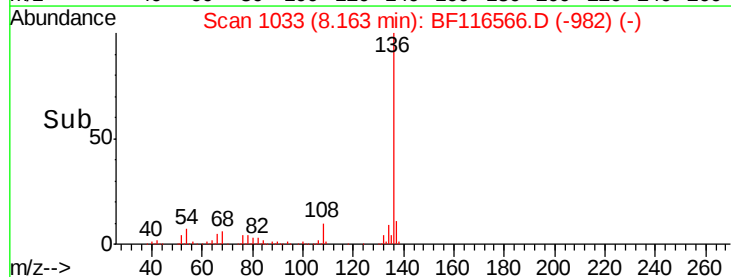
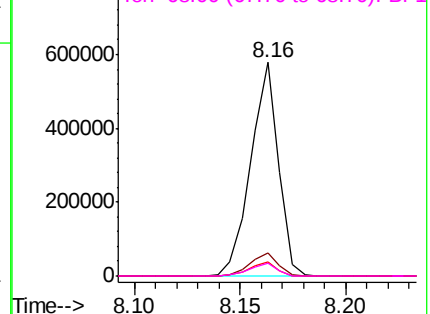
137 10.8 9.0 13.4

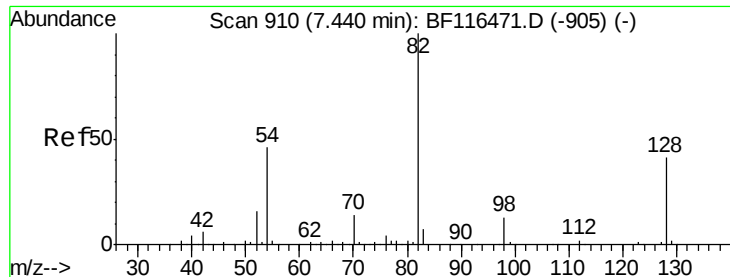
54 6.7 5.8 8.6

68 5.8 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

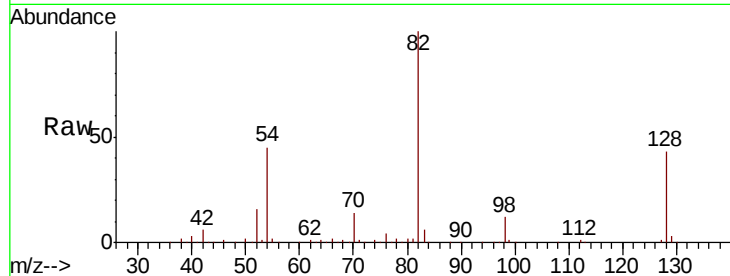




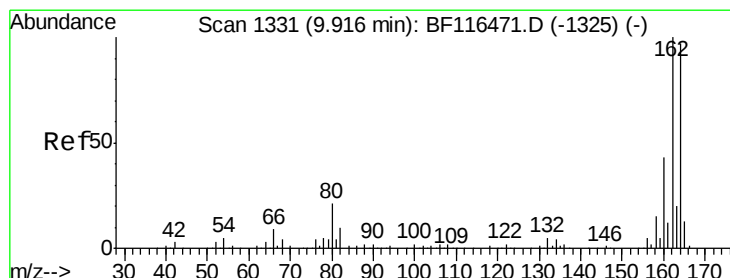
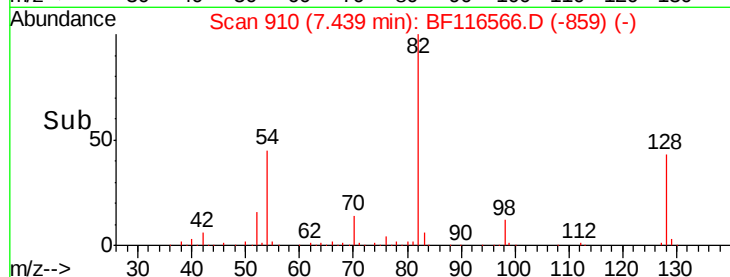
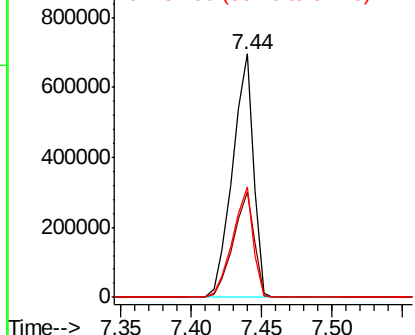
#23
 Nitrobenzene-d5
 Concen: 74.939 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116566.D
 Acq: 26 Aug 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BL

Tot Ion	82	Resp	719026
Ion Ratio	100		
Lower	32.2		
Upper	48.4		
54	45.1	36.5	54.7

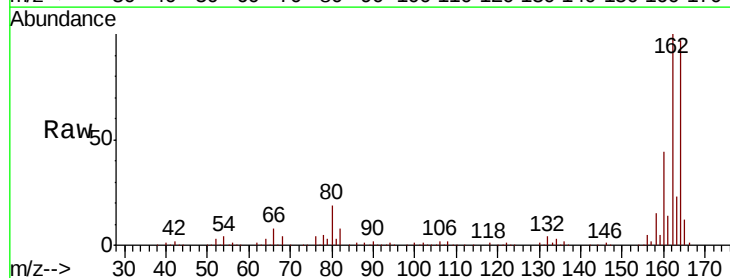


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

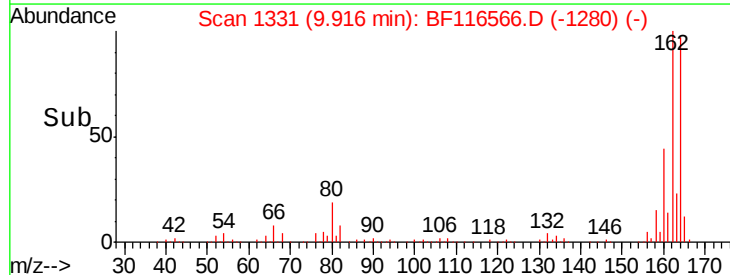
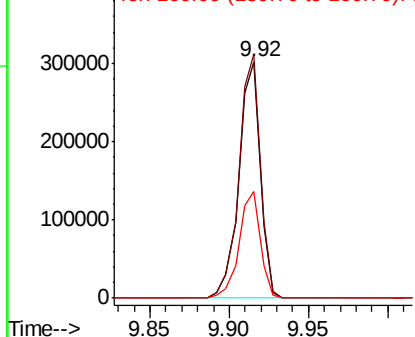


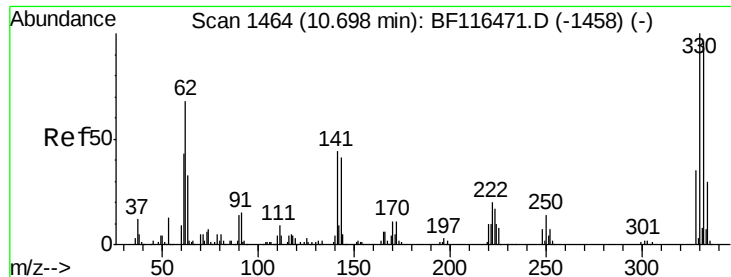
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116566.D
 Acq: 26 Aug 2019 11:24

Tgt Ion	164	Resp	282042
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.1	35.8	53.8
160	45.1		



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

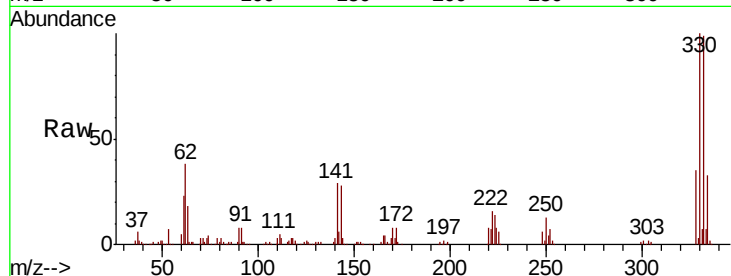




#42
 2,4,6-Tribromophenol
 Concen: 118.445 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF116566.D
 Acq: 26 Aug 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	37.3	33.3	49.9

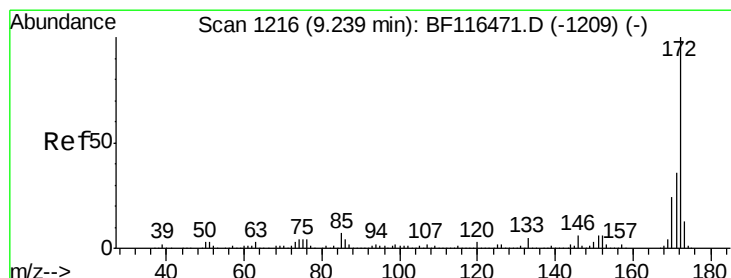
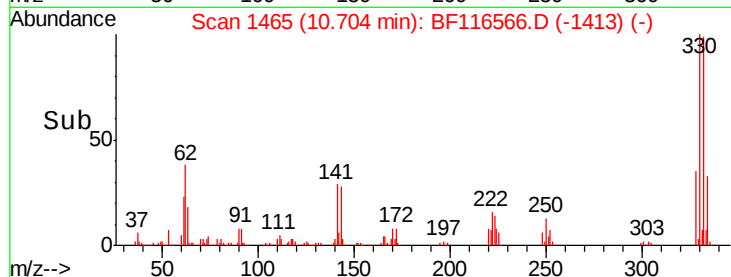
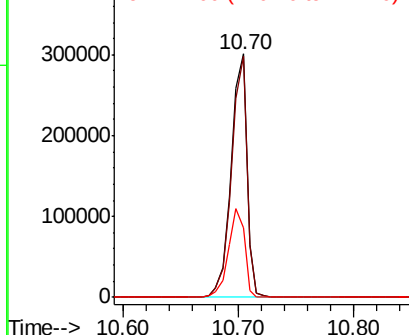


Abundance

Ion 329.80 (329.50 to 330.50): E

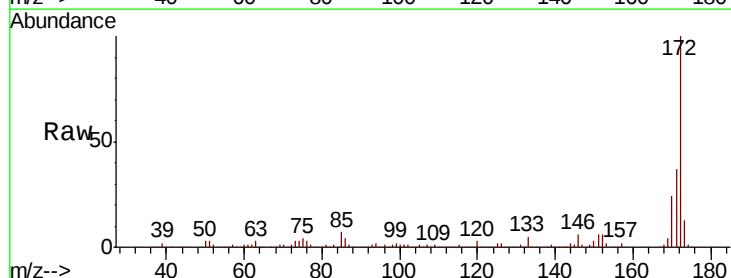
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.838 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116566.D
 Acq: 26 Aug 2019 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.1	19.4	29.0

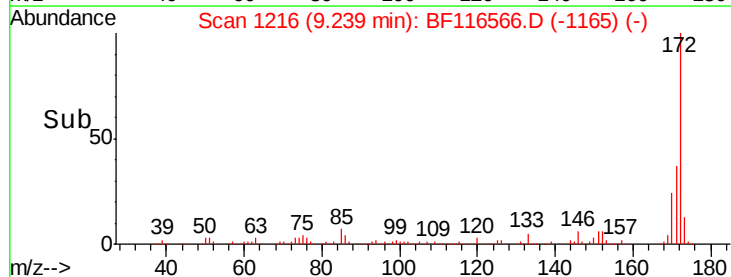
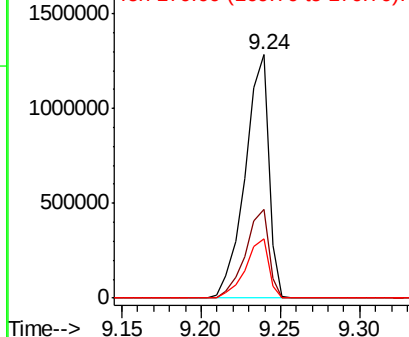


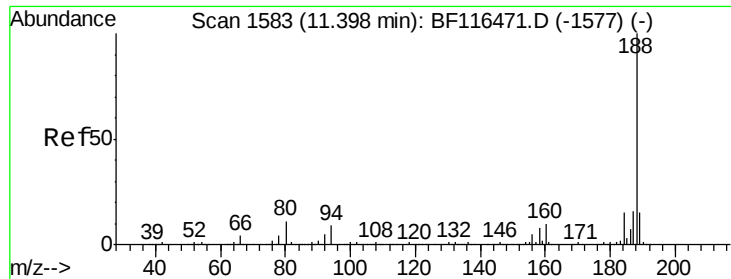
Abundance

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

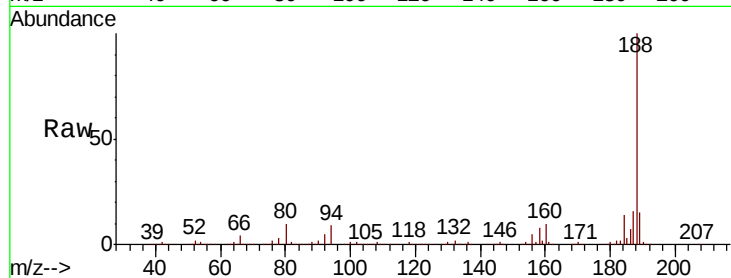




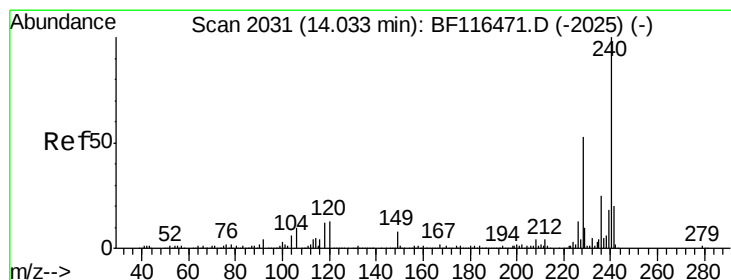
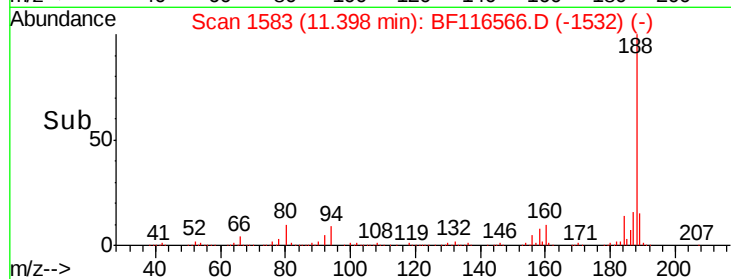
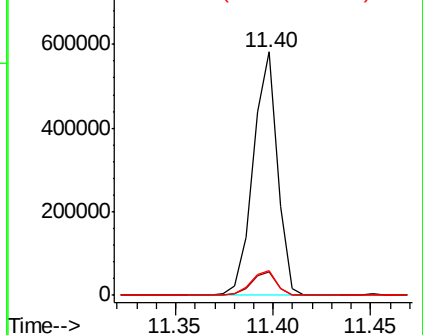
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116566.D
Acq: 26 Aug 2019 11:24

Instrument :
BNA_F
ClientSampleId :
PB122528BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.3	8.6	12.8

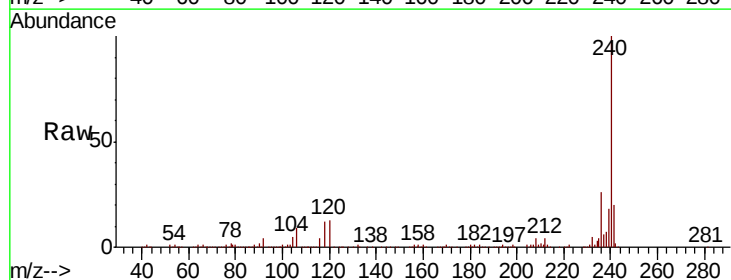


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

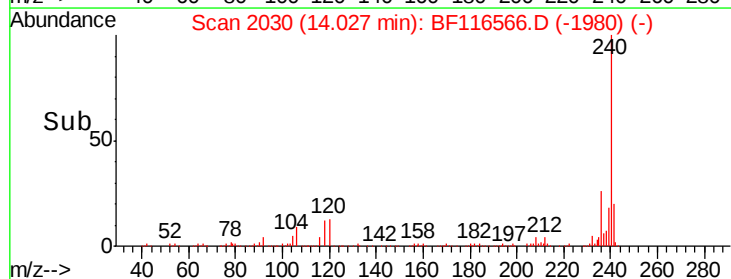
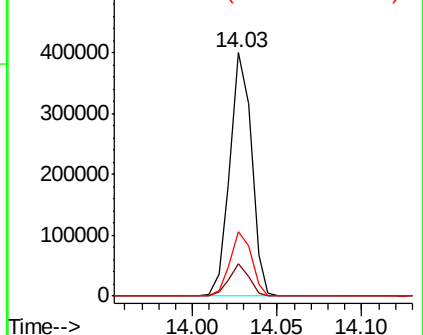


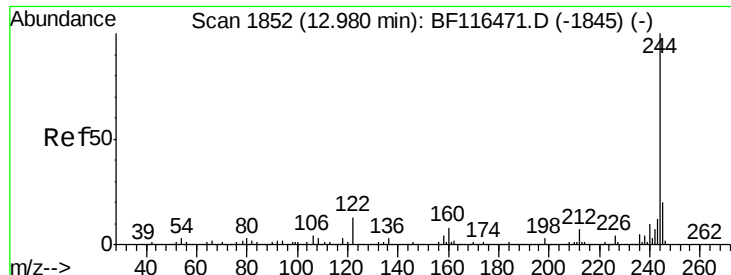
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116566.D
Acq: 26 Aug 2019 11:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.5	15.7
236	26.4	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

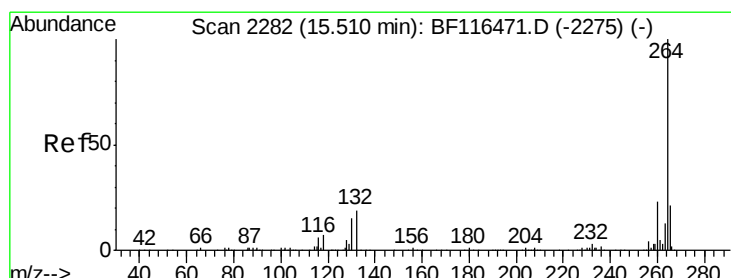
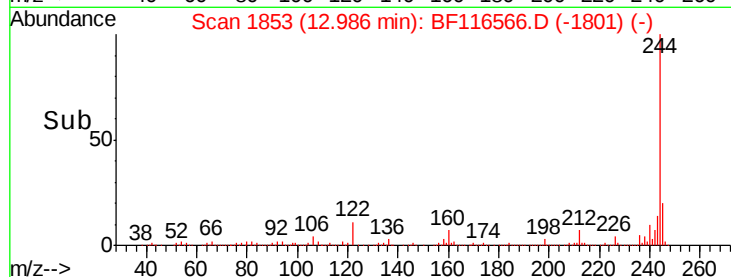
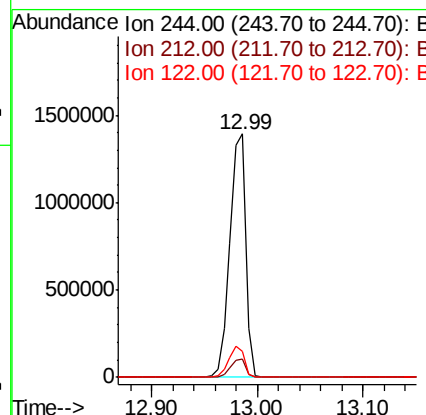
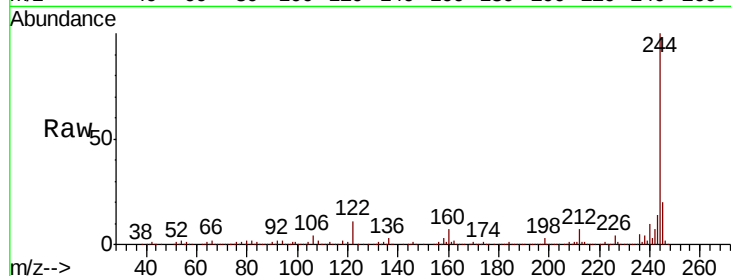




#79
 Terphenyl-d14
 Concen: 75.755 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.01 min
 Lab File: BF116566.D
 Acq: 26 Aug 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BL

Tot Ion:244 Resp: 1454670
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.6 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF116566.D
 Acq: 26 Aug 2019 11:24

Tgt Ion:264 Resp: 329216
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.1 17.1 25.7

