

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116556.D
 Acq On : 26 Aug 2019 5:02
 Operator : HP/JU
 Sample : K4450-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-L2

Quant Time: Aug 26 08:37:40 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

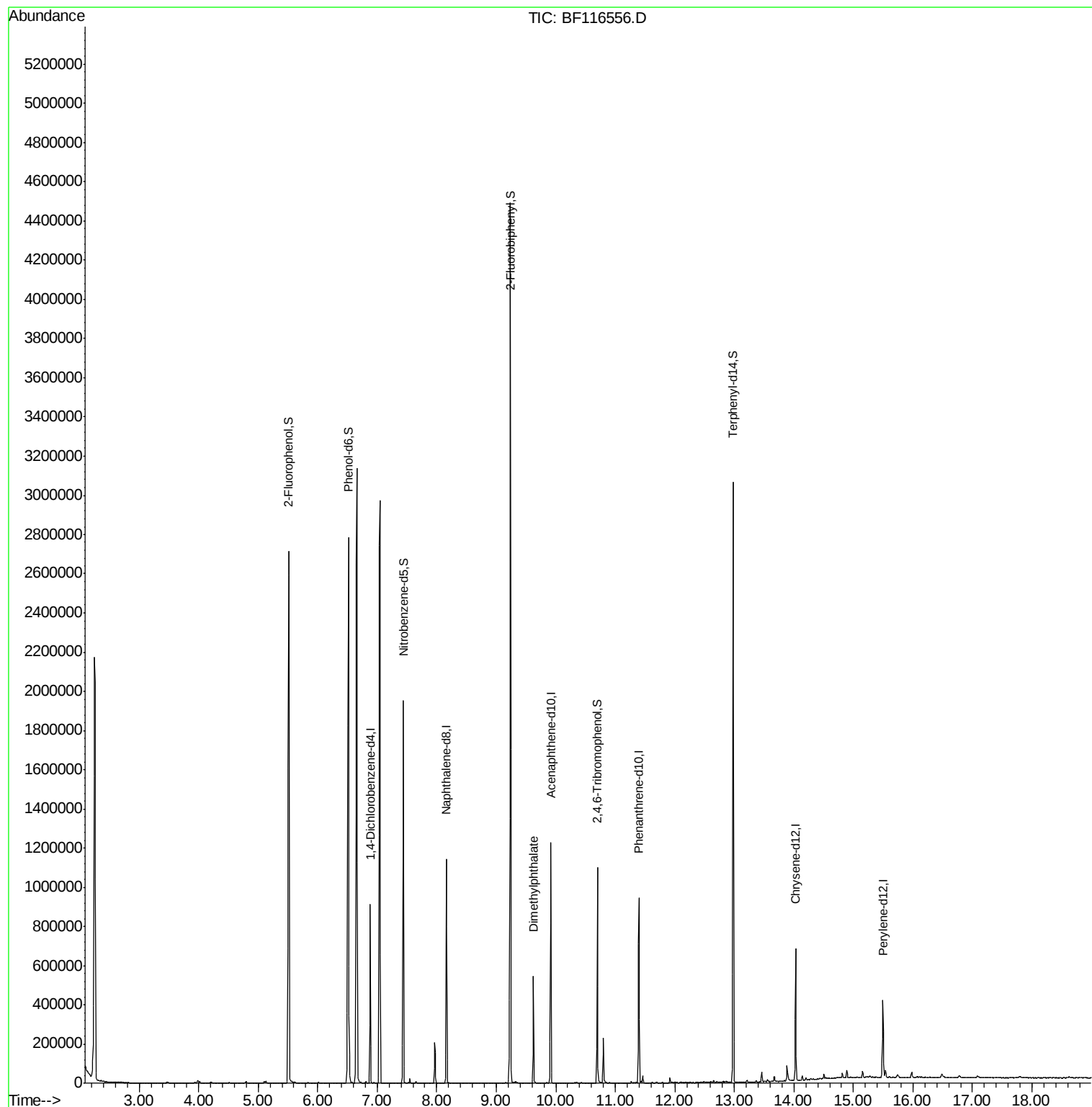
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	135091	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	500684	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	227498	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	307865	20.00	ng	0.00
76) Chrysene-d12	14.03	240	208362	20.00	ng	0.00
87) Perylene-d12	15.50	264	179856	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	854354	92.41	ng	0.02
7) Phenol-d6	6.52	99	1152497	101.66	ng	0.01
23) Nitrobenzene-d5	7.44	82	694165	75.85	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	116697	59.74	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1359840	96.26	ng	0.00
79) Terphenyl-d14	12.98	244	994740	89.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	223424	14.076	ng	Qvalue 98

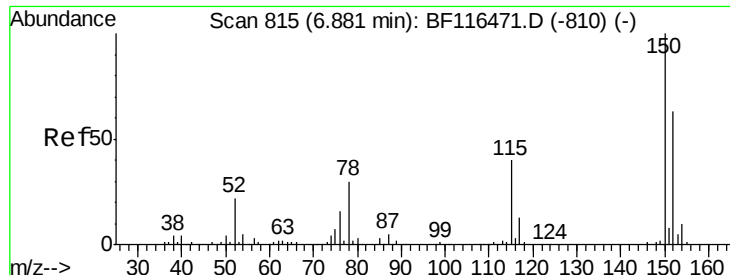
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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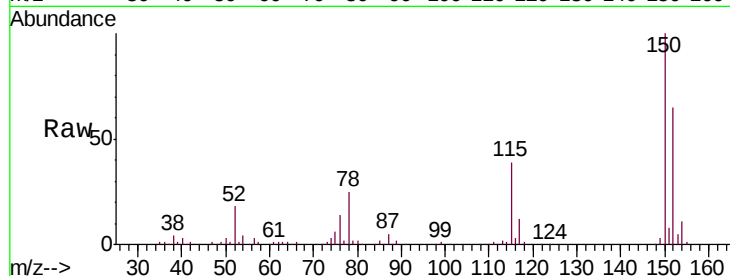


#1

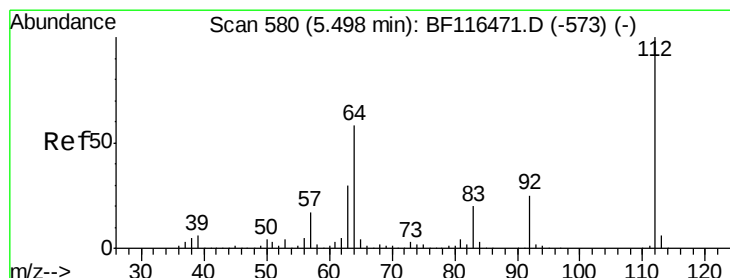
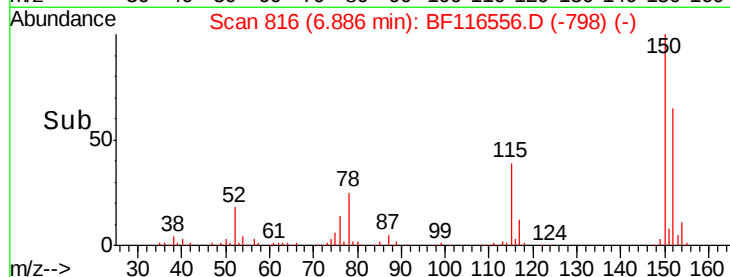
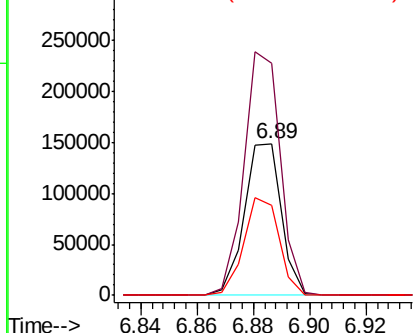
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116556.D
 Acq: 26 Aug 2019 5:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-L2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.7	190.1
115	59.0	50.9	76.3



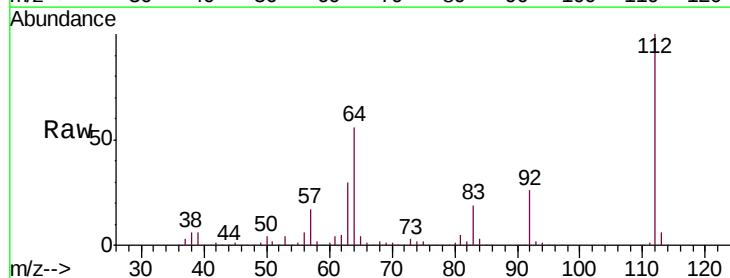
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



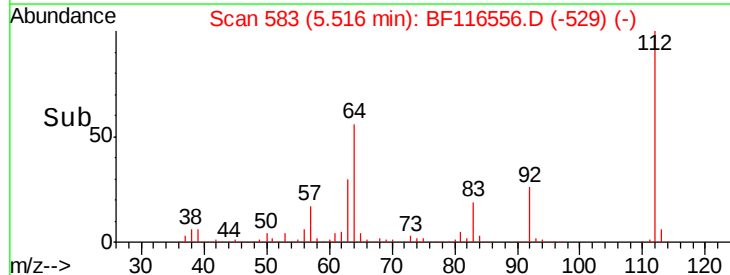
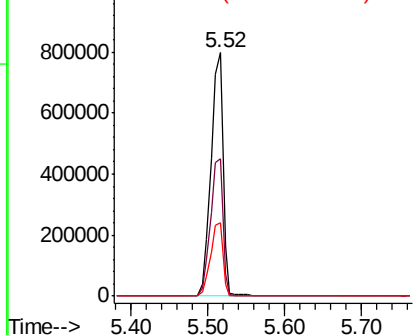
#5

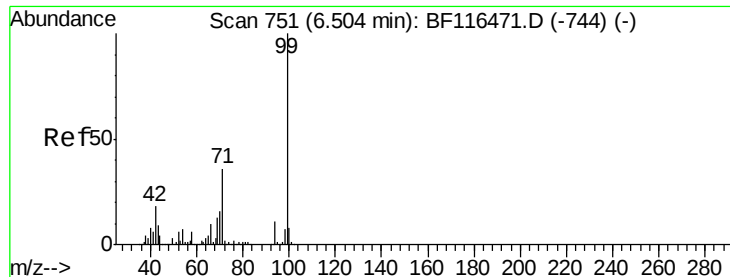
2-Fluorophenol
 Concen: 92.407 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF116556.D
 Acq: 26 Aug 2019 5:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.3	69.5
63	30.2	24.2	36.4



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: 101.663 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116556.D

Acq: 26 Aug 2019 5:02

Instrument :

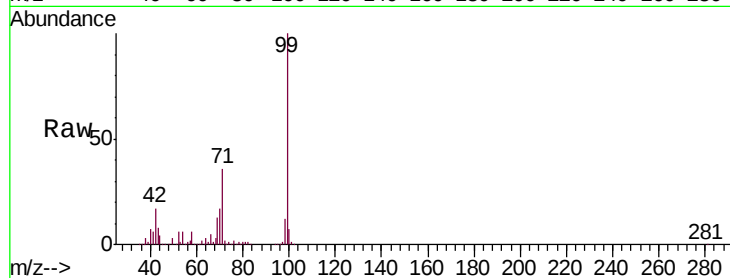
BNA_F

ClientSampled :

WC-L2

Tot Ion: 99 Resp: 1152497

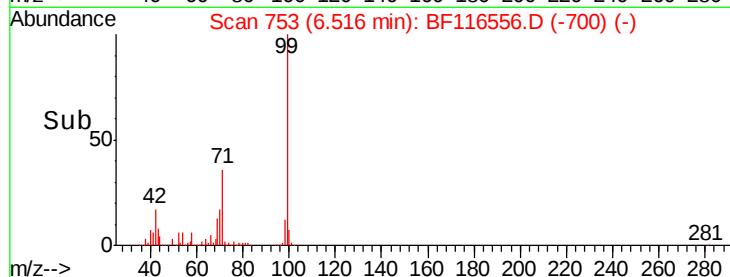
Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.6	21.8
71	36.1	28.5	42.7



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



Time-->

6.52

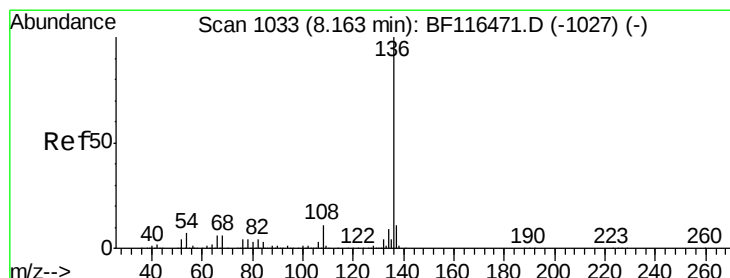
1000000

500000

0

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

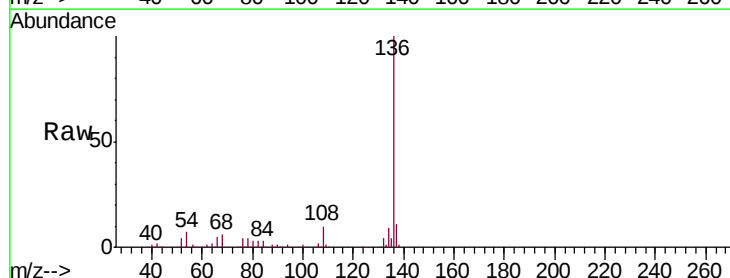
Delta R.T. -0.00 min

Lab File: BF116556.D

Acq: 26 Aug 2019 5:02

Tgt Ion: 136 Resp: 500684

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.9	5.8	8.6
68	6.0	5.1	7.7

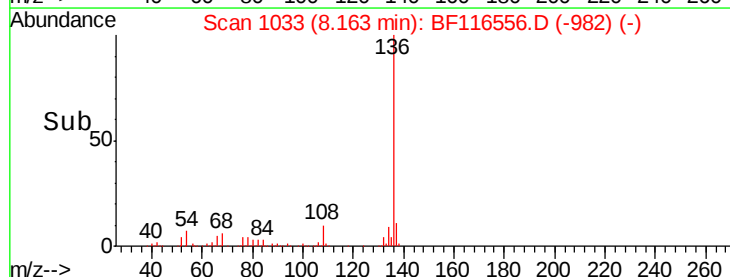


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

8.16

800000

600000

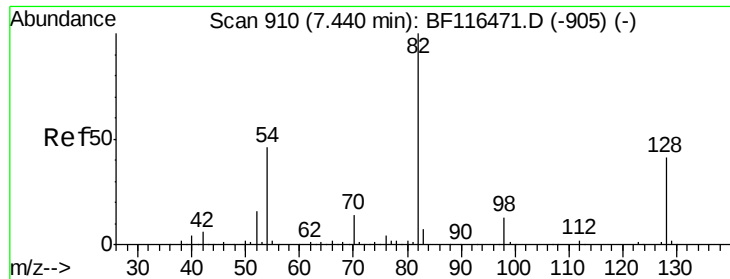
400000

200000

0

8.10 8.15 8.20 8.25

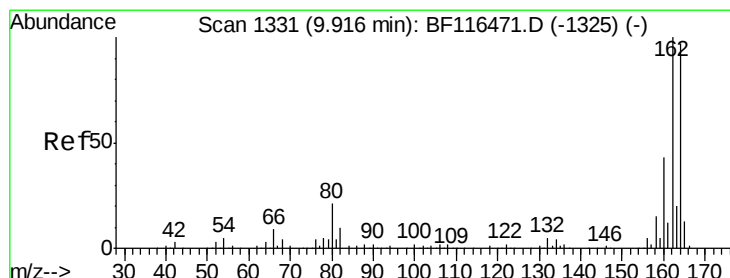
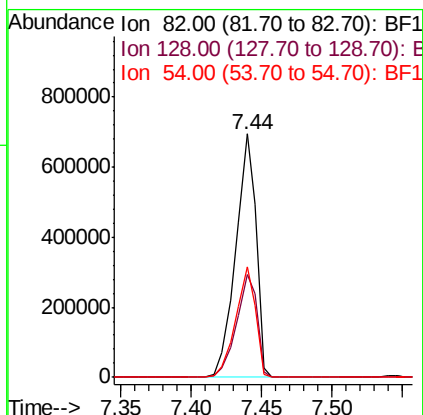
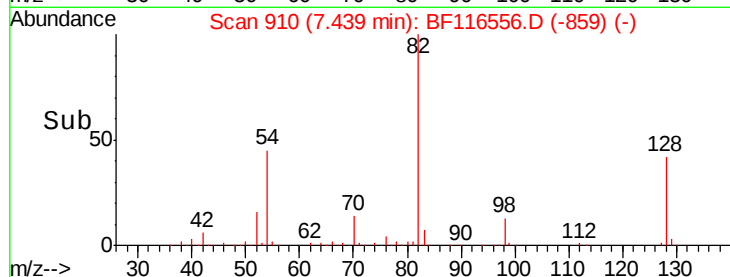
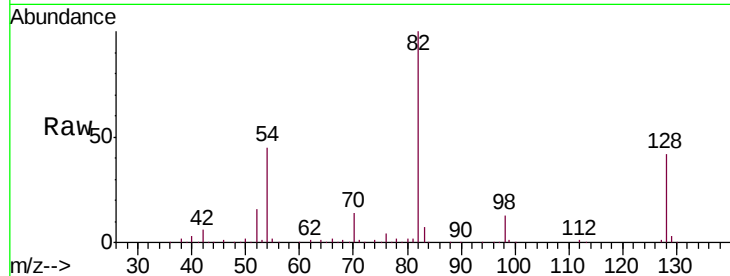
Time-->



#23
Nitrobenzene-d5
Concen: 75.852 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116556.D
Acq: 26 Aug 2019 5:02

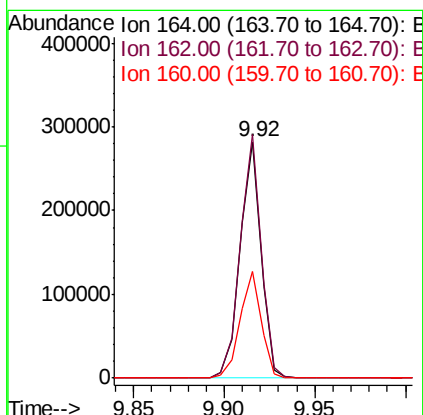
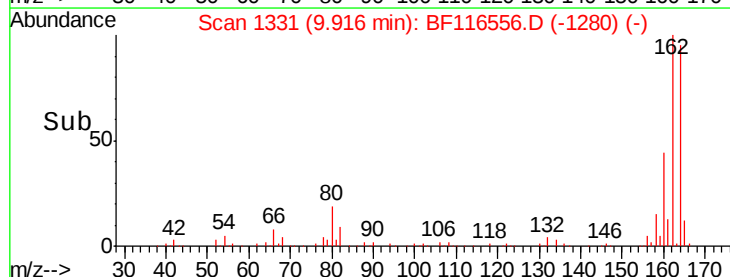
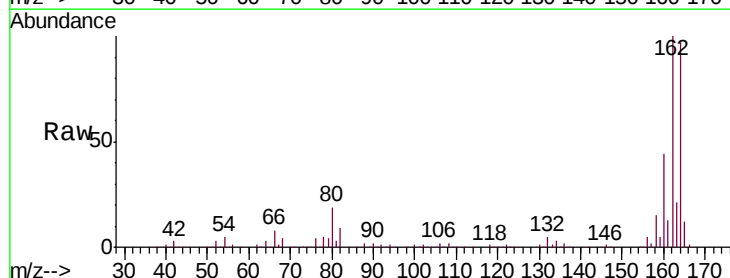
Instrument :
BNA_F
ClientSampled :
WC-L2

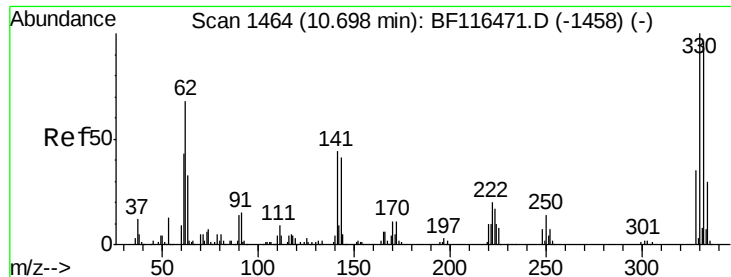
Tot Ion	82	Resp	694165
Ion Ratio	100	Lower	Upper
128	42.2	32.2	48.4
54	45.4	36.5	54.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116556.D
Acq: 26 Aug 2019 5:02

Tgt Ion	164	Resp	227498
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.1	82.6	123.8
160	45.2	35.8	53.8

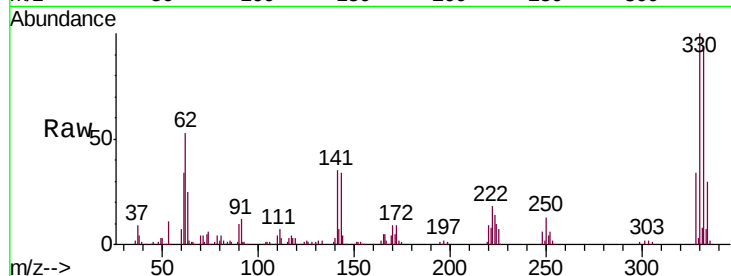




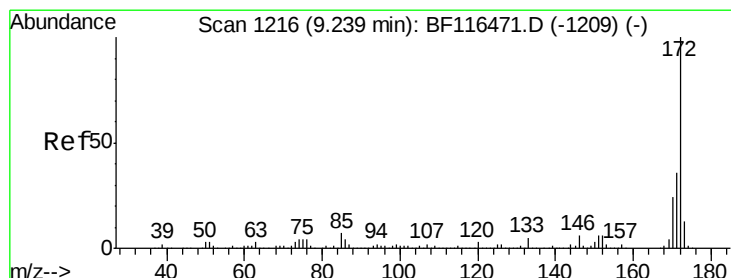
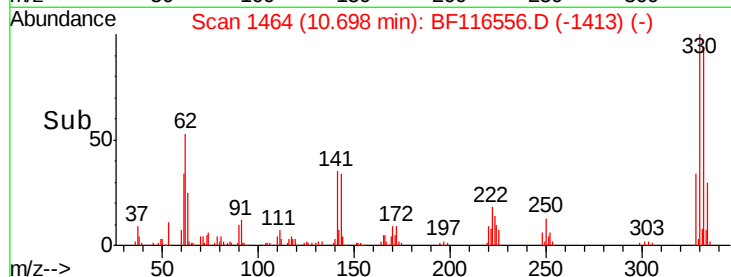
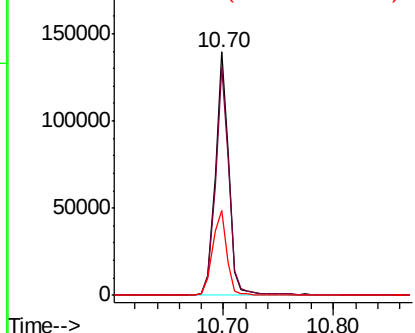
#42
 2,4,6-Tribromophenol
 Concen: 59.739 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116556.D
 Acq: 26 Aug 2019 5:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-L2

Tot Ion:330 Resp: 116697
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.2 115.8
 141 36.7 33.3 49.9

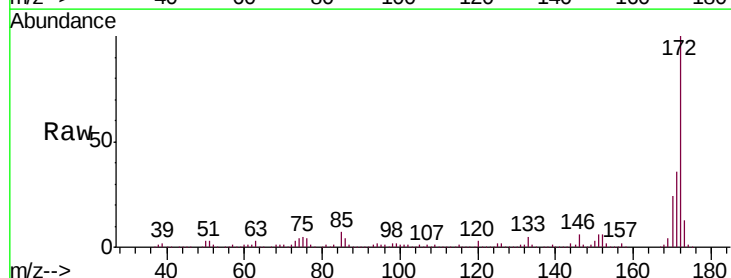


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

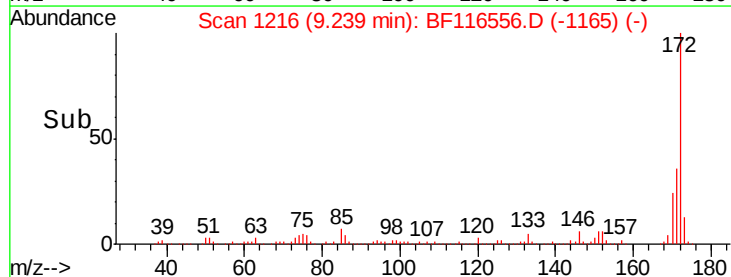
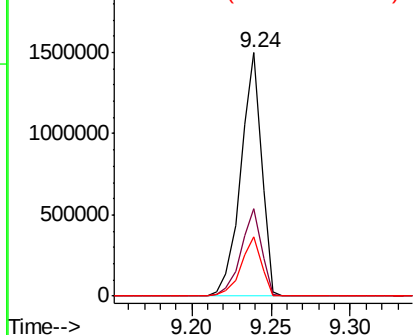


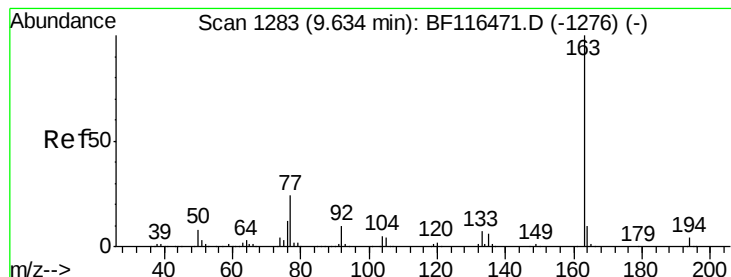
#45
 2-Fluorobiphenyl
 Concen: 96.260 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116556.D
 Acq: 26 Aug 2019 5:02

Tgt Ion:172 Resp: 1359840
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.2 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





#50

Dimethylphthalate

Concen: 14.076 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116556.D

Acq: 26 Aug 2019 5:02

Instrument :

BNA_F

ClientSampleId :

WC-L2

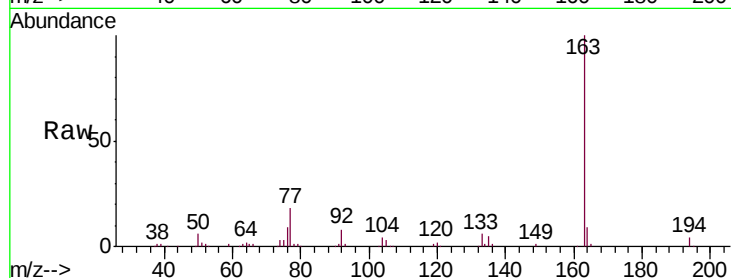
Tot Ion:163 Resp: 223424

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

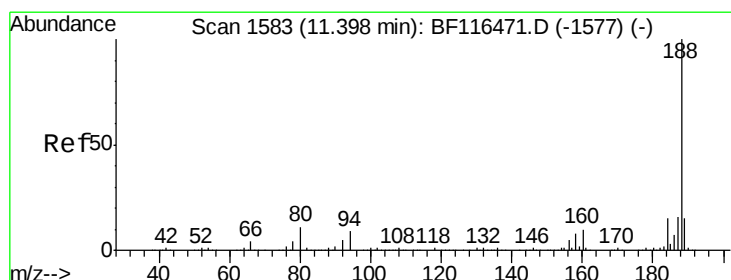
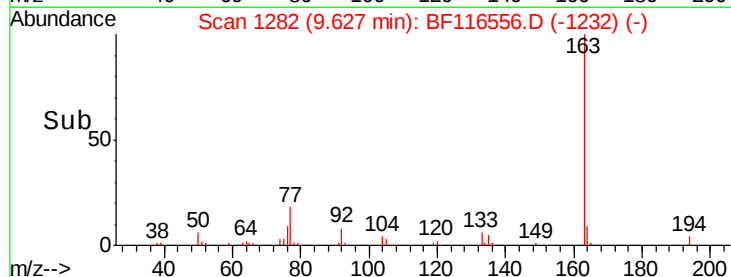
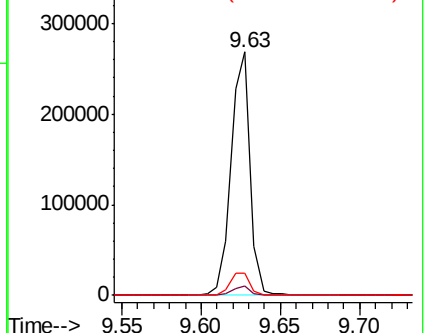
164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116556.D

Acq: 26 Aug 2019 5:02

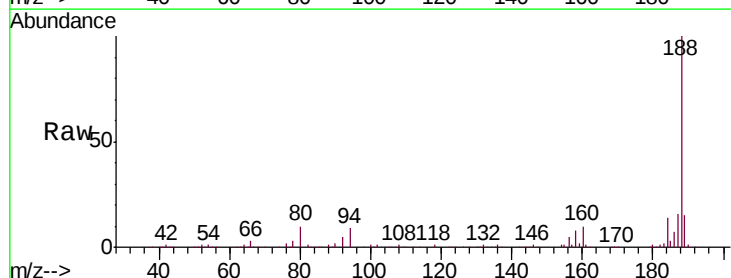
Tgt Ion:188 Resp: 307865

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

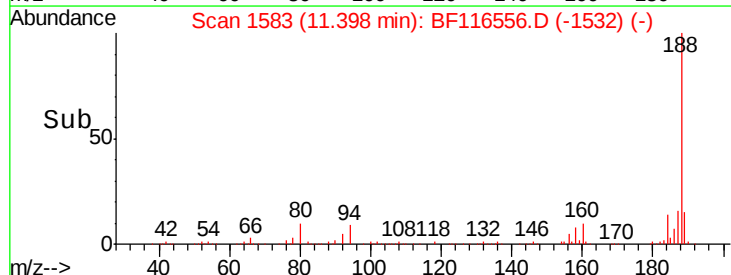
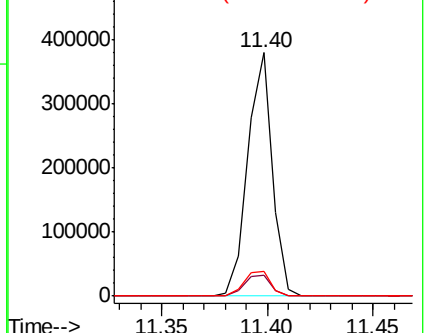
80 10.1 8.6 12.8

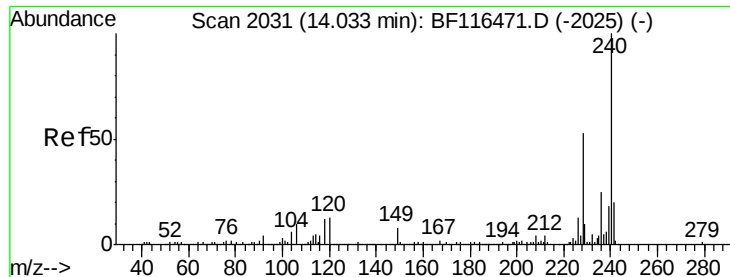


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF116556.D

Acq: 26 Aug 2019 5:02

Instrument :

BNA_F

ClientSampleId :

WC-L2

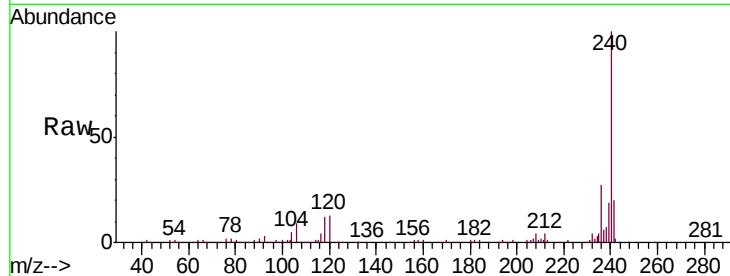
Tot Ion:240 Resp: 208362

Ion Ratio Lower Upper

240 100

120 13.4 10.5 15.7

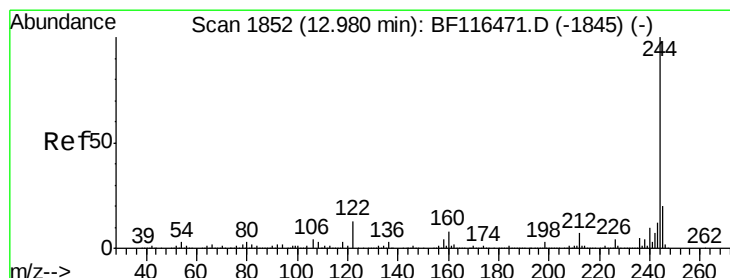
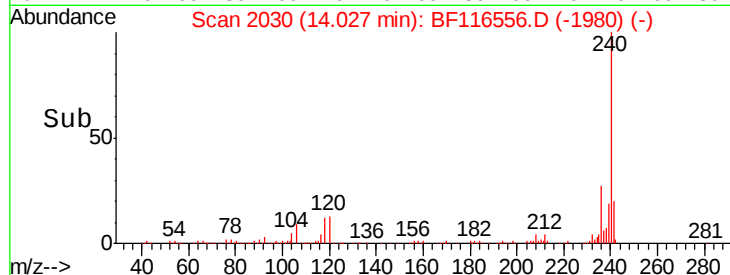
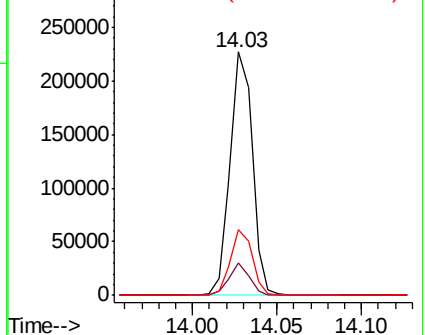
236 26.9 20.2 30.2



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: 89.175 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116556.D

Acq: 26 Aug 2019 5:02

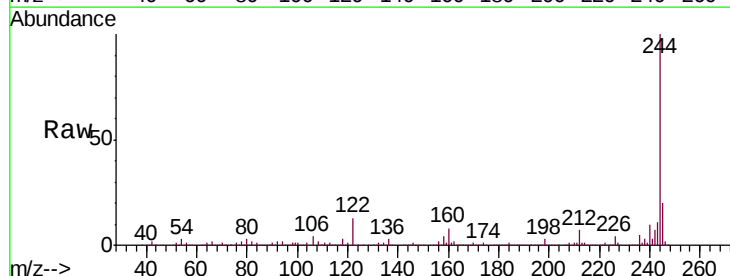
Tgt Ion:244 Resp: 994740

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

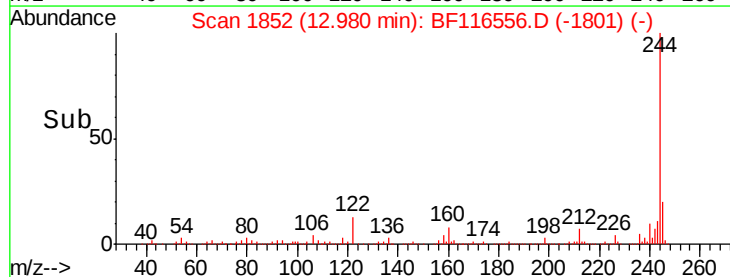
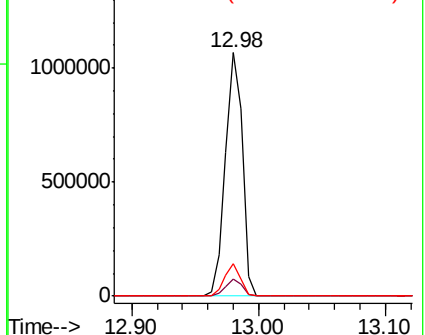
122 13.2 10.2 15.4

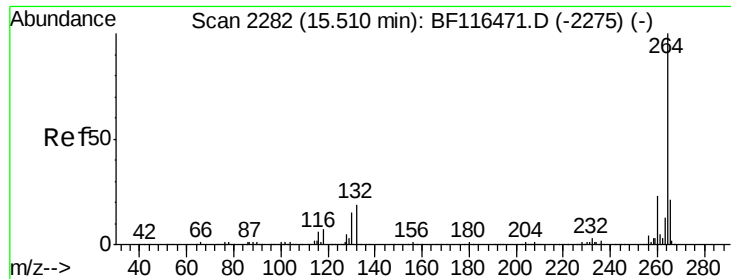


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

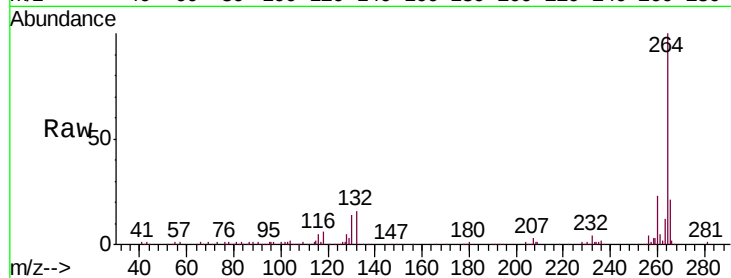




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116556.D
Acq: 26 Aug 2019 5:02

Instrument :
BNA_F
ClientSampleId :
WC-L2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	20.6	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

