

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116549.D
 Acq On : 26 Aug 2019 1:51
 Operator : HP/JU
 Sample : K4450-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-L4

Quant Time: Aug 26 08:26:07 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

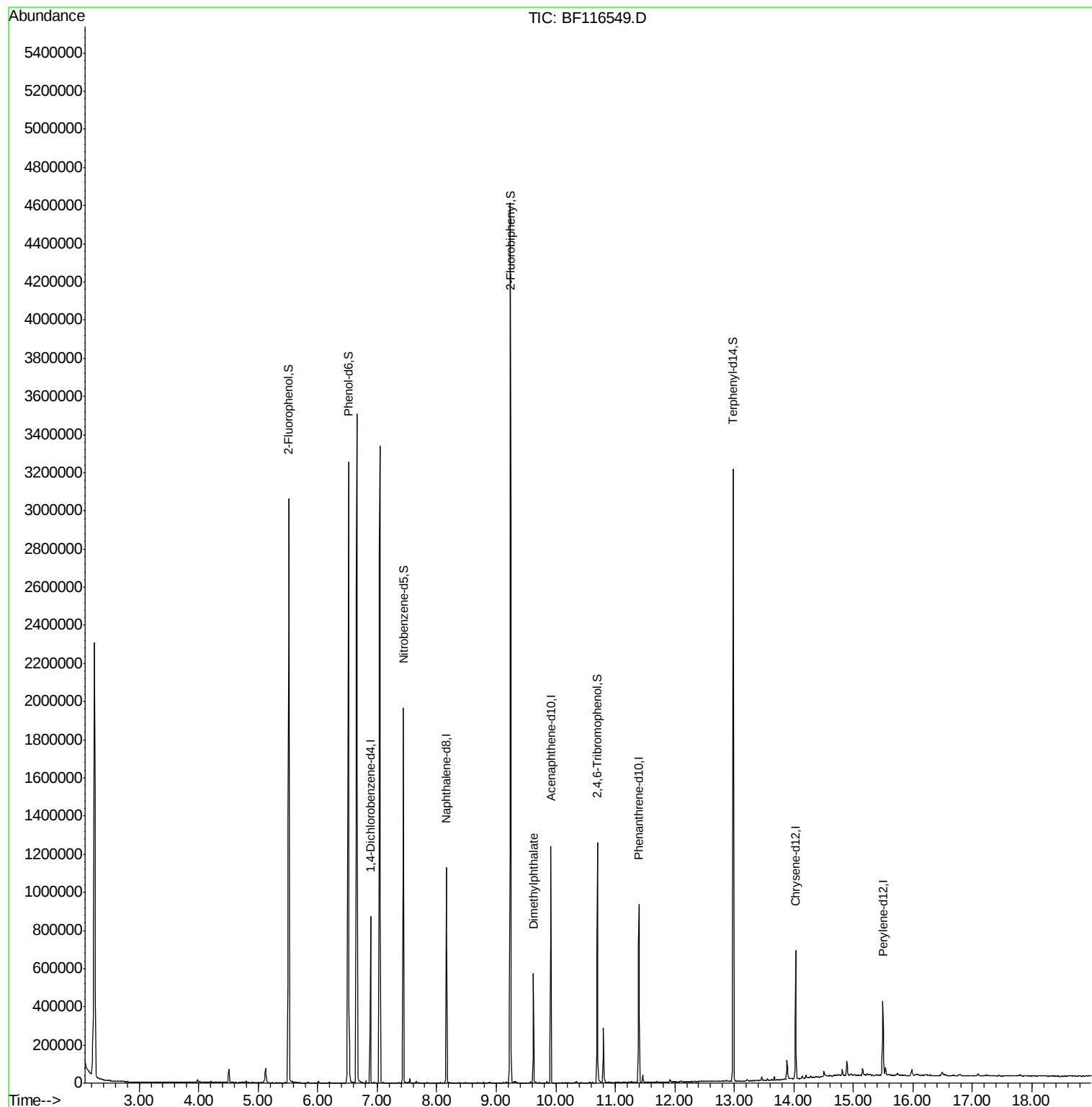
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133603	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	485748	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	224907	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	312101	20.00	ng	0.00
76) Chrysene-d12	14.03	240	207633	20.00	ng	0.00
87) Perylene-d12	15.50	264	178335	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	908831	99.39	ng	0.02
7) Phenol-d6	6.52	99	1216320	108.49	ng	0.01
23) Nitrobenzene-d5	7.44	82	758963	85.48	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	132399	68.56	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1442339	103.28	ng	0.00
79) Terphenyl-d14	12.98	244	1100094	98.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	223112	14.218	ng	Qvalue 98

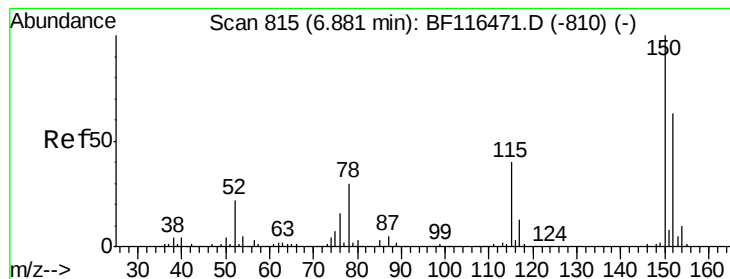
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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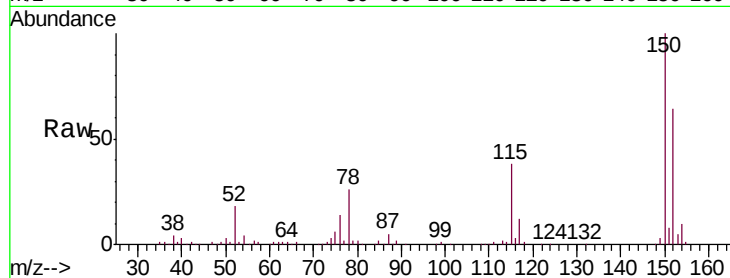


#1

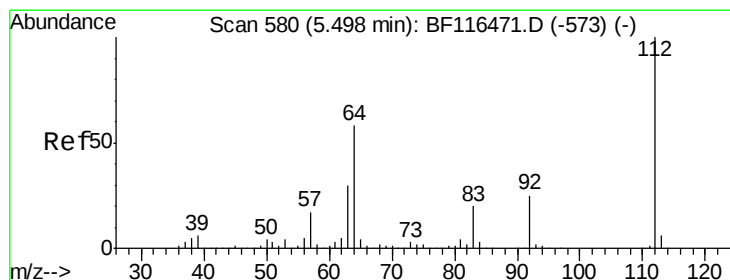
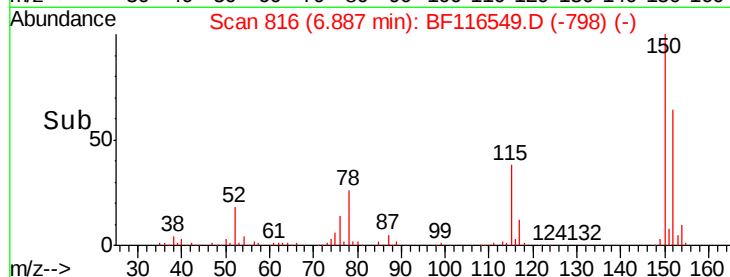
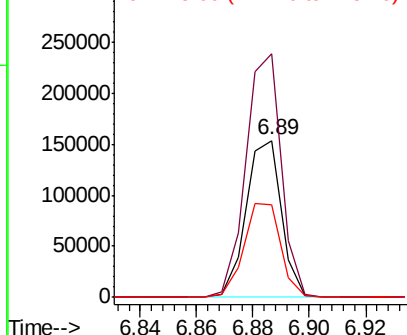
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

Instrument :
BNA_F
ClientSampleId :
WC-L4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.7	190.1
115	58.7	50.9	76.3



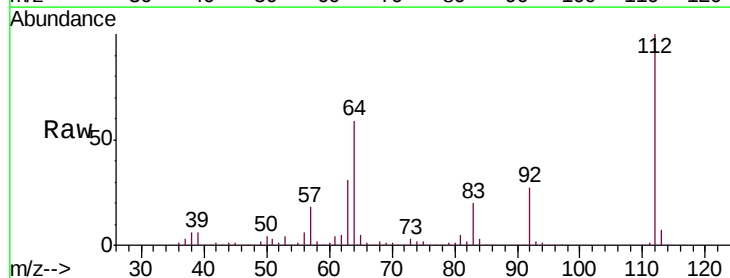
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



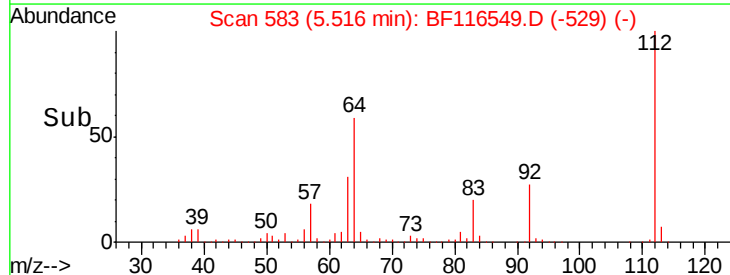
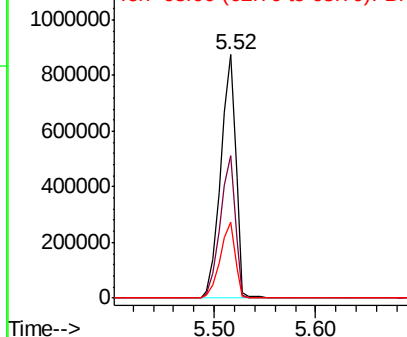
#5

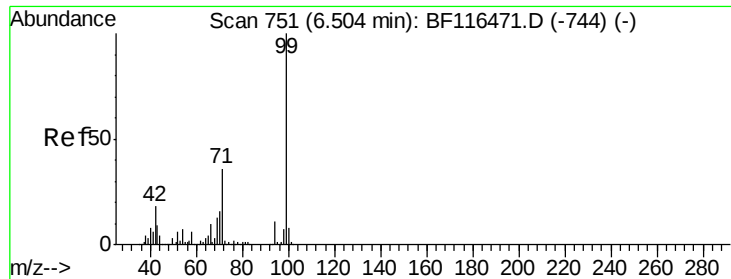
2-Fluorophenol
Concen: 99.394 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.3	69.5
63	30.9	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: 108.488 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

Instrument :

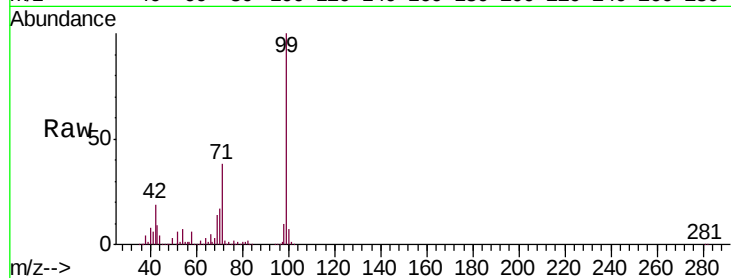
BNA_F

ClientSampled :

WC-L4

Tot Ion: 99 Resp: 1216320

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	37.6	28.5	42.7

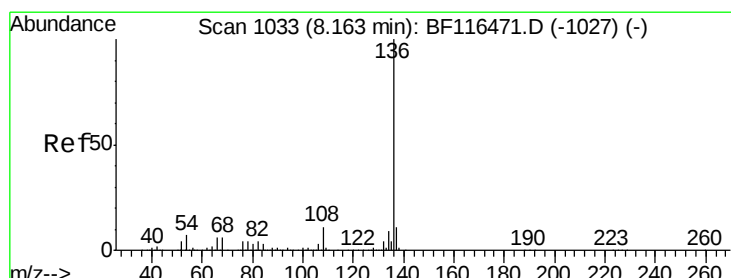
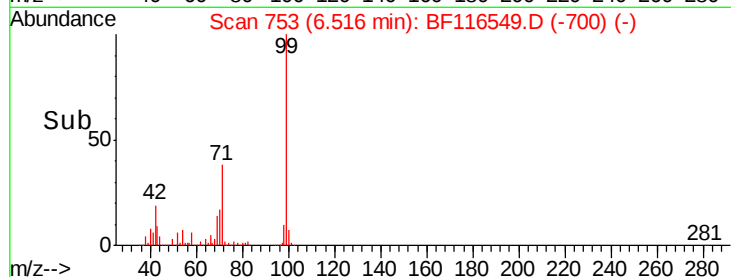


Abundance

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

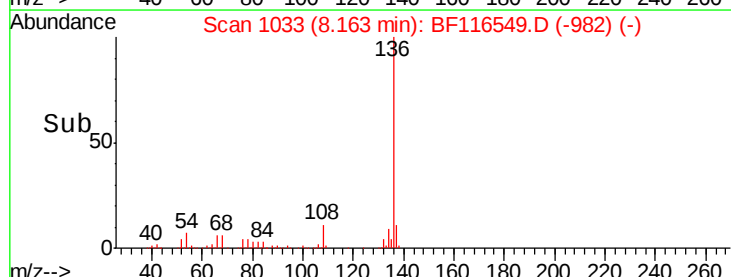
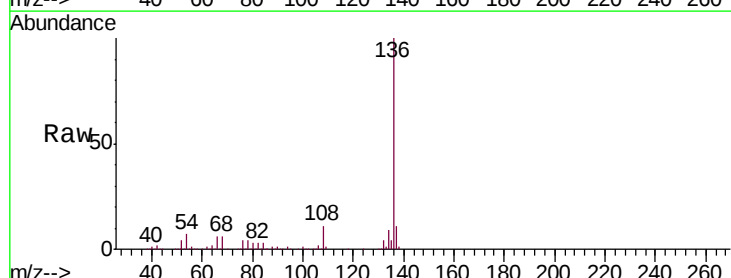
Delta R.T. -0.00 min

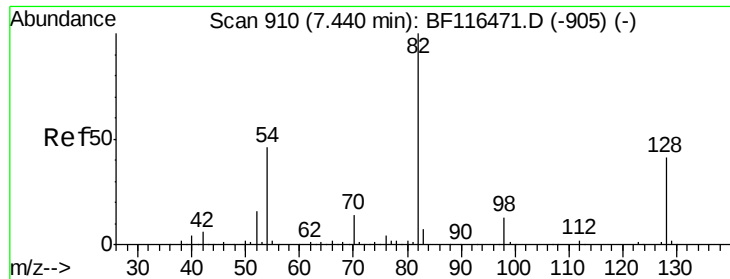
Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

Tgt Ion: 136 Resp: 485748

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.3	5.8	8.6
68	6.0	5.1	7.7

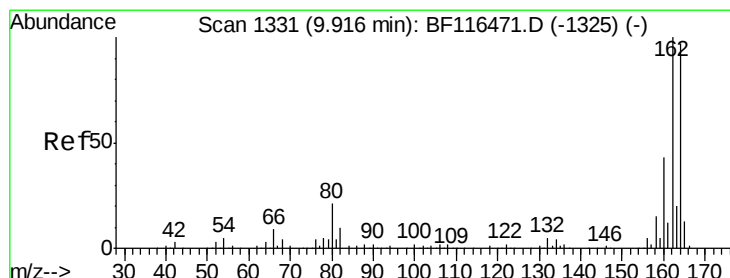
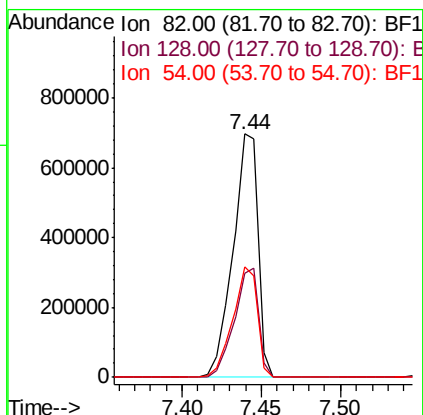
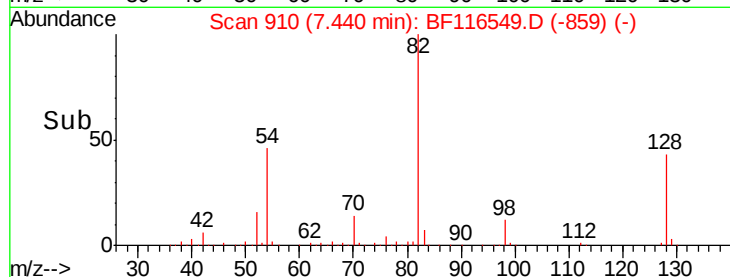
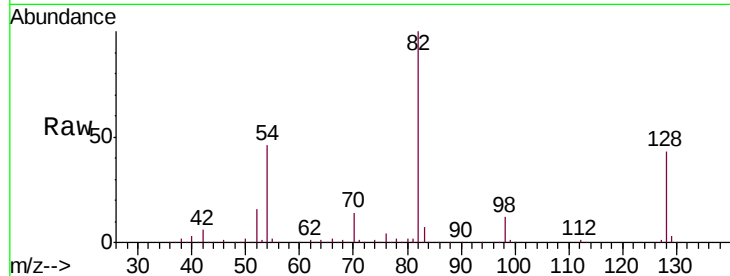




#23
 Nitrobenzene-d5
 Concen: 85.482 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

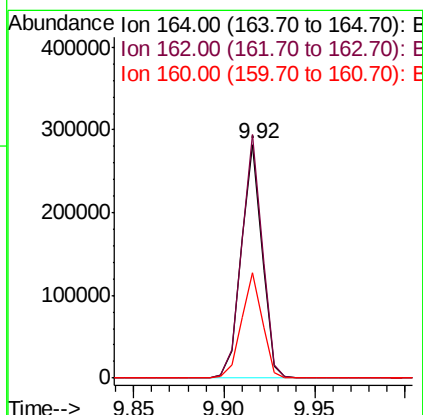
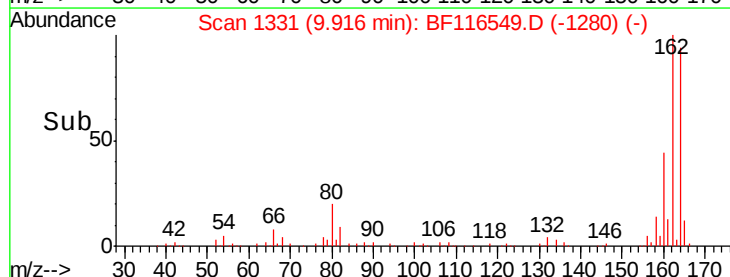
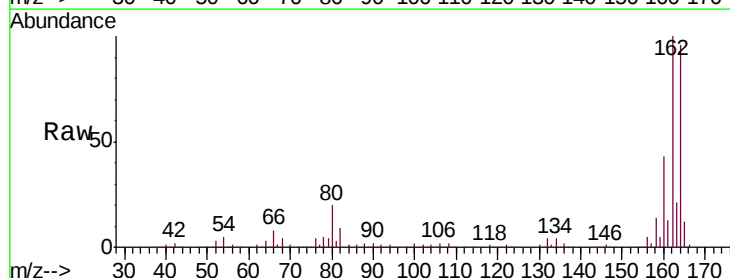
Instrument :
 BNA_F
 ClientSampled :
 WC-L4

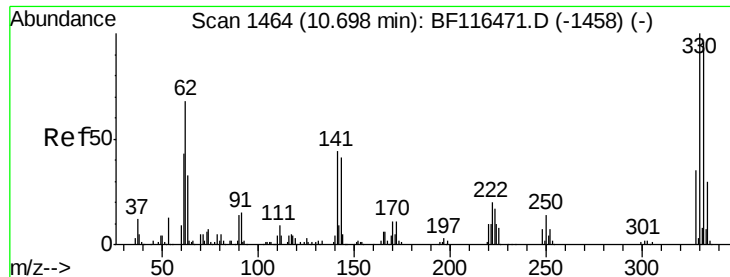
Tot Ion	82	Resp	758963
Ion Ratio	100	Lower	Upper
128	42.9	32.2	48.4
54	45.6	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

Tgt Ion	164	Resp	224907
Ion Ratio	100	Lower	Upper
162	104.2	82.6	123.8
160	45.3	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 68.557 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

Instrument :

BNA_F

ClientSampleId :

WC-L4

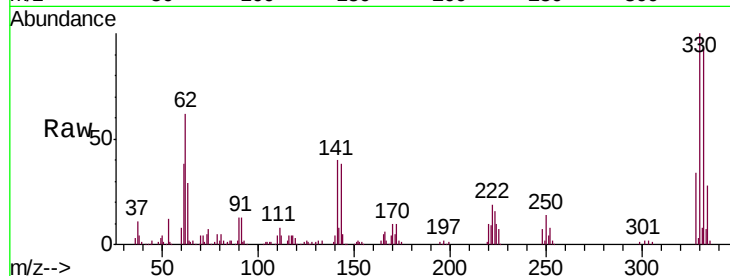
Tot Ion:330 Resp: 132399

Ion Ratio Lower Upper

330 100

332 93.8 77.2 115.8

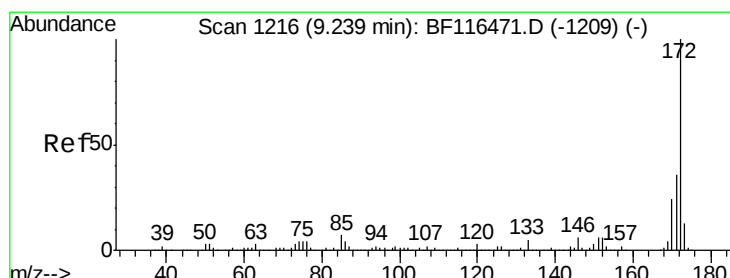
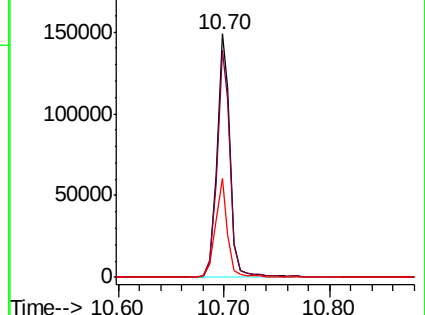
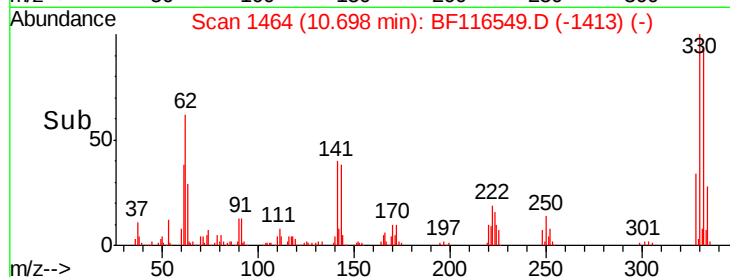
141 37.0 33.3 49.9



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: 103.276 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

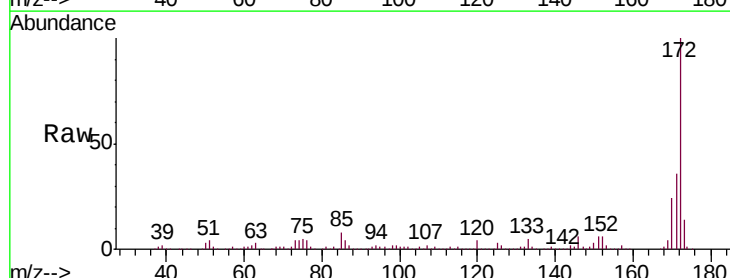
Tgt Ion:172 Resp: 1442339

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

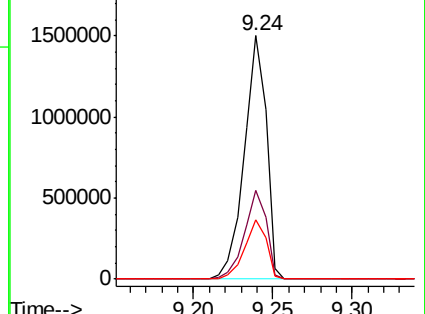
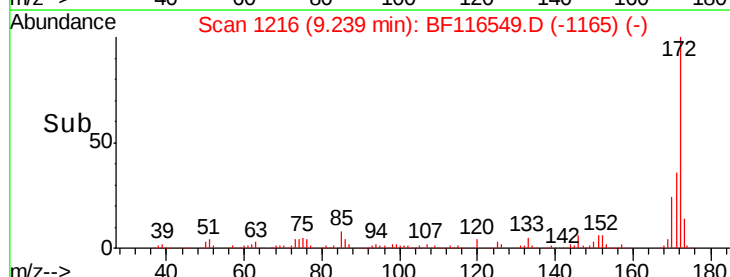
170 24.2 19.4 29.0

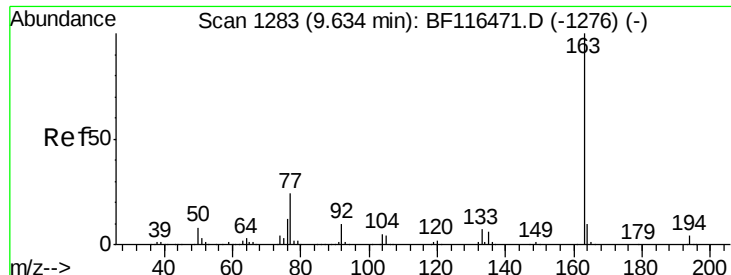


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

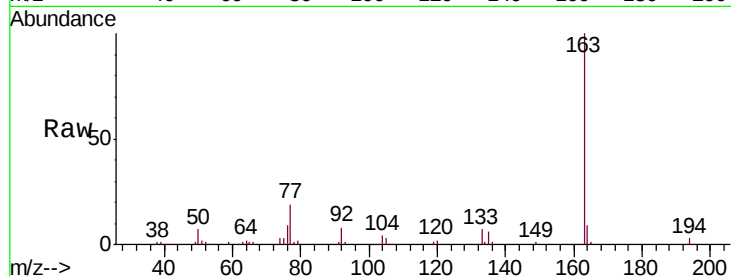




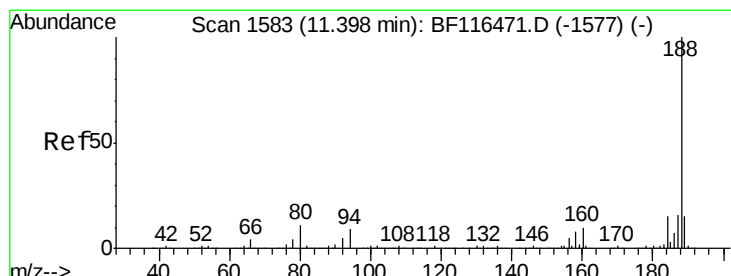
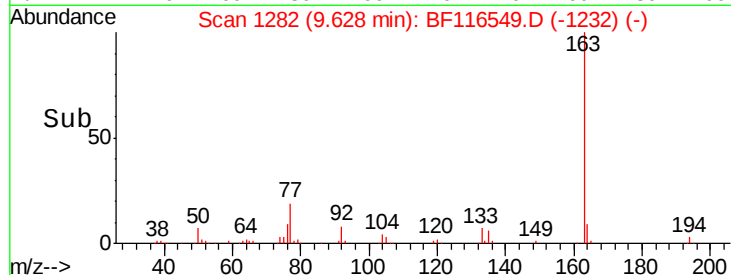
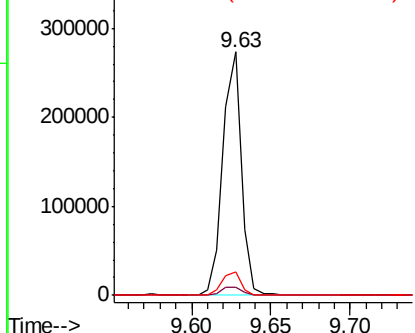
#50
Dimethylphthalate
Concen: 14.218 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

Instrument :
BNA_F
ClientSampleId :
WC-L4

Tot Ion:163 Resp: 223112
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.5 8.2 12.2

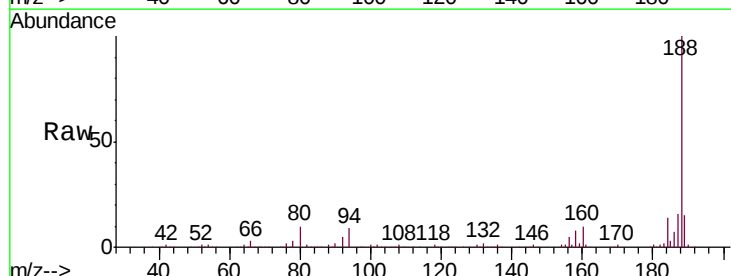


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

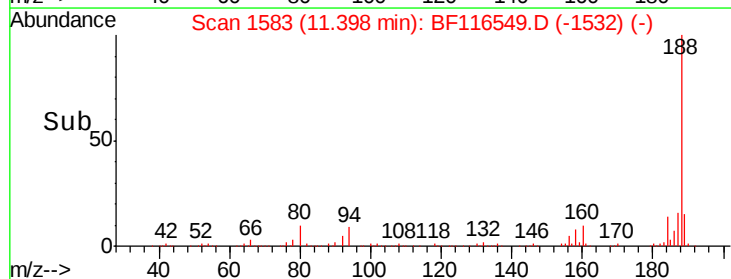
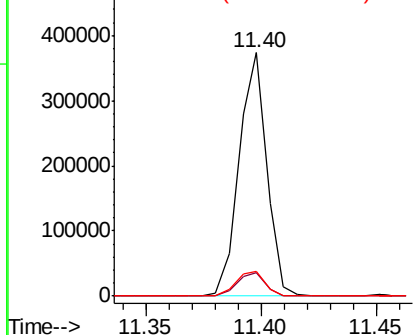


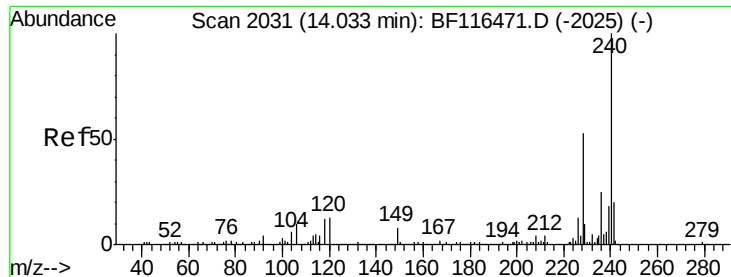
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

Tgt Ion:188 Resp: 312101
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.0 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

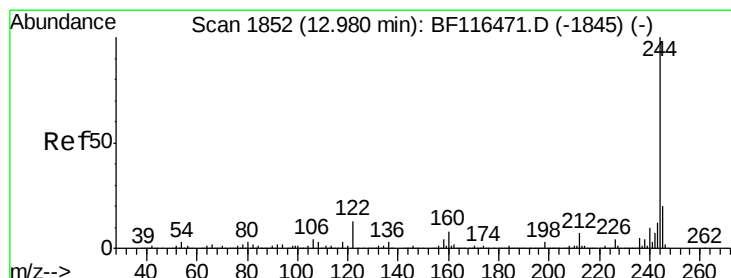
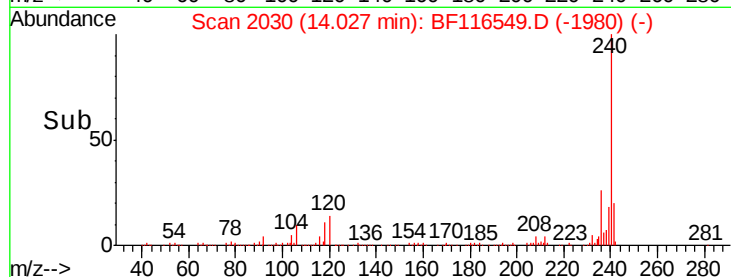
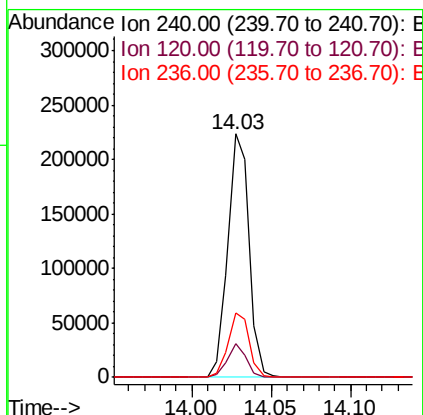
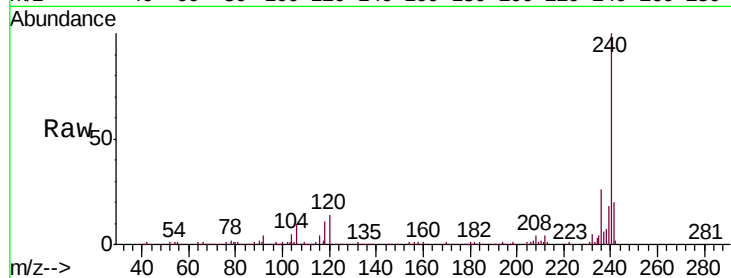




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

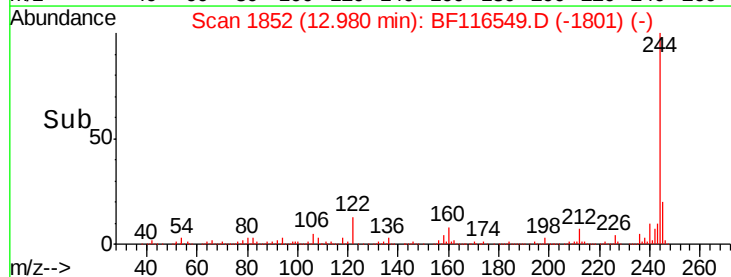
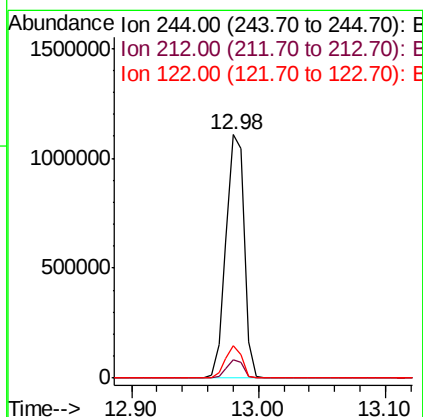
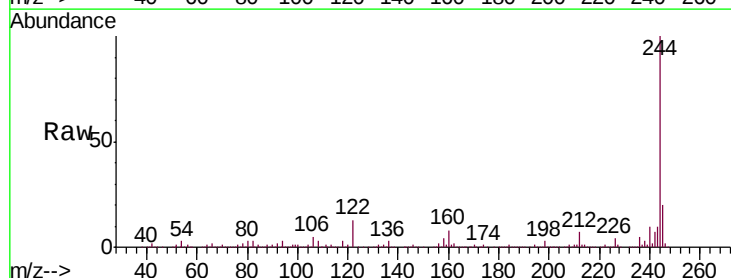
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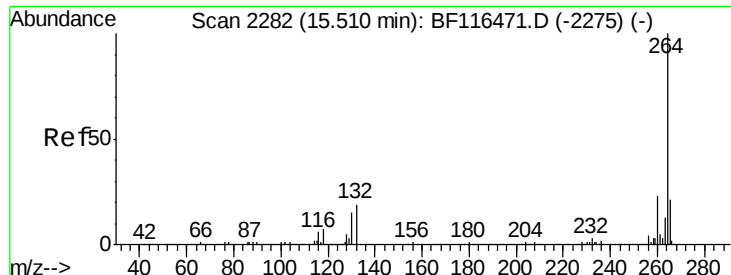
Tot Ion:240 Resp: 207633
 Ion Ratio Lower Upper
 240 100
 120 13.6 10.5 15.7
 236 26.4 20.2 30.2



#79
 Terphenyl-d14
 Concen: 98.966 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

Tgt Ion:244 Resp: 1100094
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 13.4 10.2 15.4

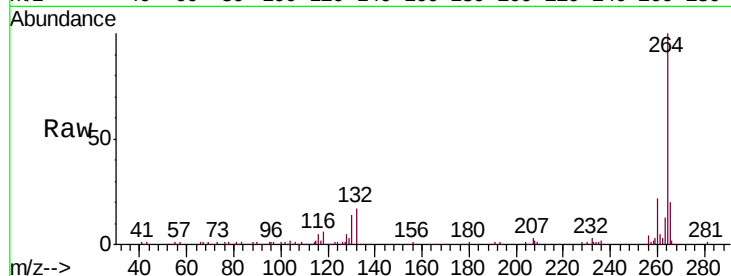




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-L4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	19.9	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

