

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116161.D
 Acq On : 10 Aug 2019 20:48
 Operator : HP/JU
 Sample : K4245-03 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-26

Quant Time: Aug 12 03:23:02 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

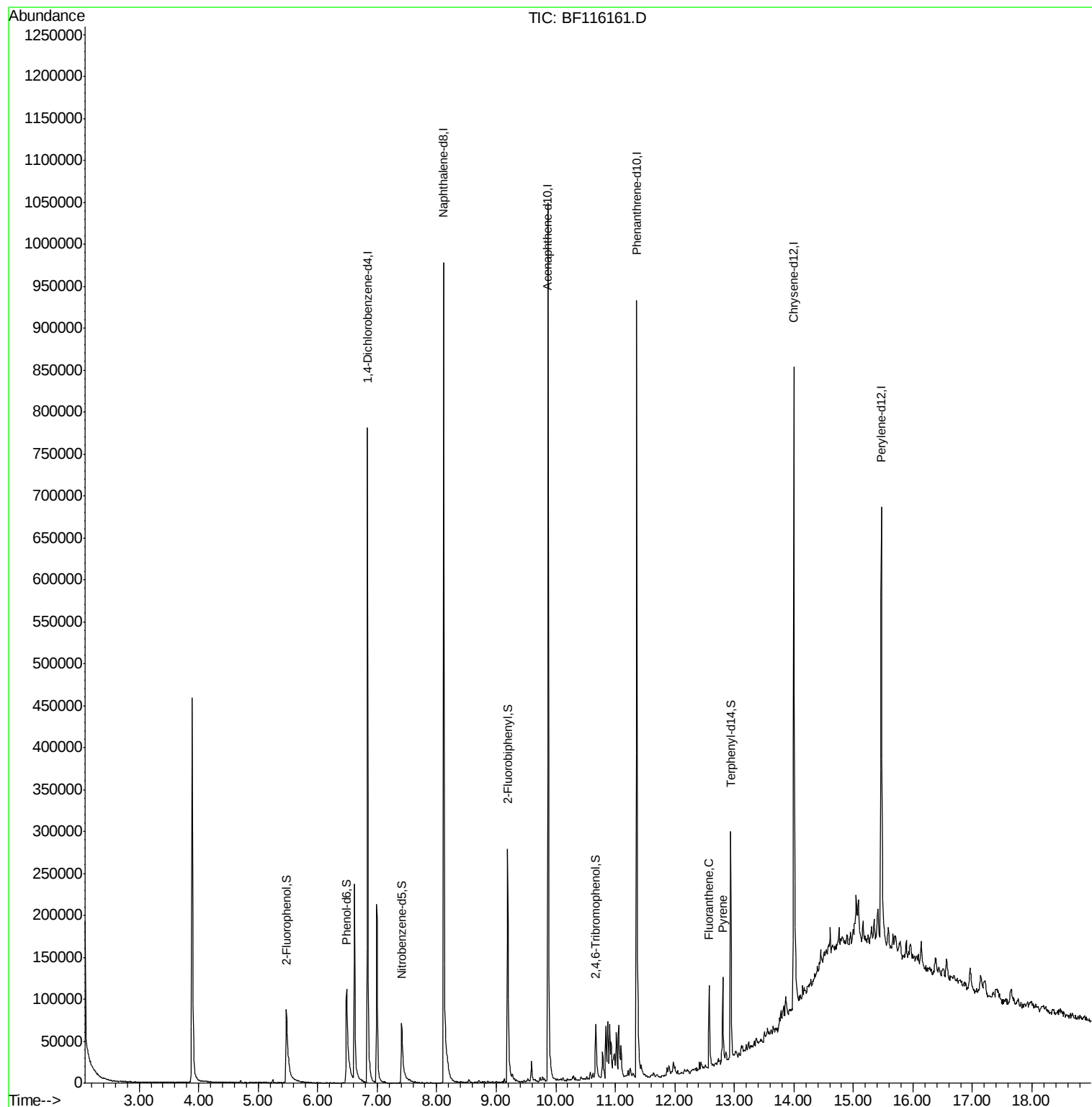
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	136361	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	551637	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	262204	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	391426	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	285219	20.00	ng	0.00
87) Perylene-d12	15.47	264	264435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	73493	9.02	ng	0.00
7) Phenol-d6	6.49	99	103106	10.03	ng	0.00
23) Nitrobenzene-d5	7.41	82	60540	6.33	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	13712	5.39	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	128088	9.15	ng	-0.01
79) Terphenyl-d14	12.94	244	103461	7.64	ng	-0.01
Target Compounds						
75) Fluoranthene	12.57	202	48810	2.330	ng	99
78) Pyrene	12.80	202	45847	2.132	ng	98

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

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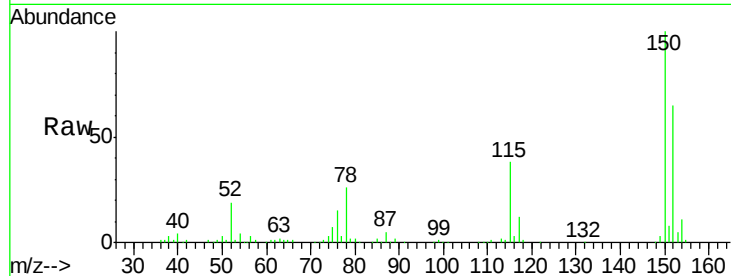


#1

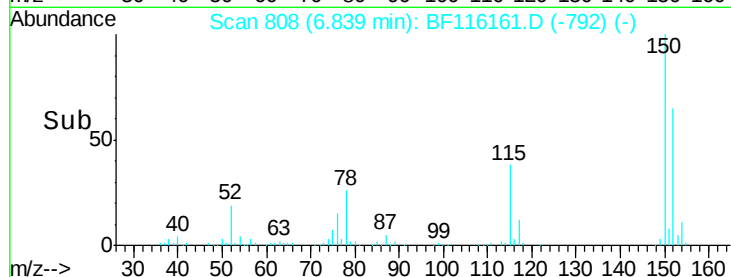
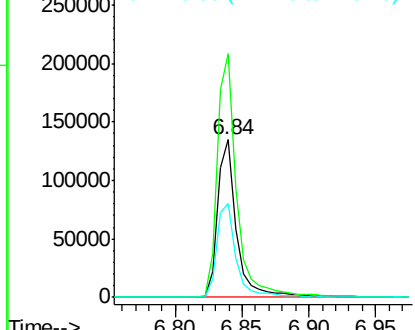
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116161.D
Acq: 10 Aug 2019 20:48

Instrument :
BNA_F
ClientSampleId :
COMP-26

Tot Ion:152 Resp: 136361
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 59.4 49.9 74.9



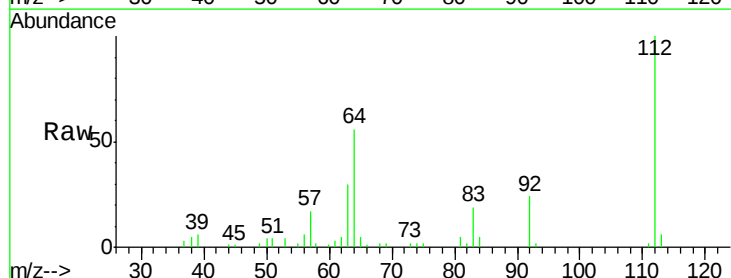
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



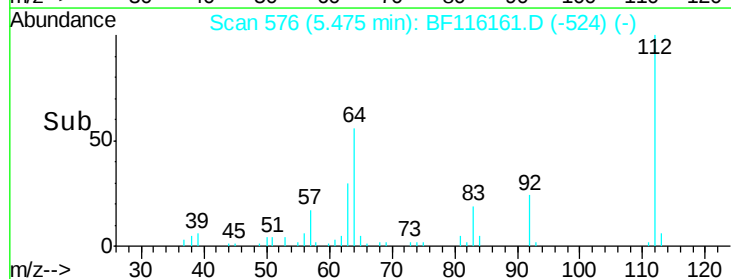
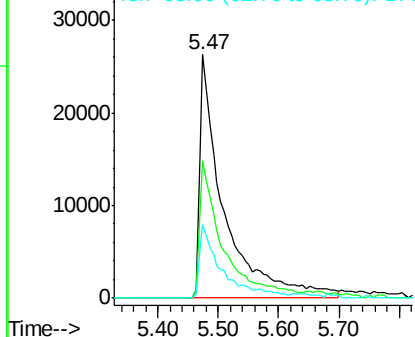
#5

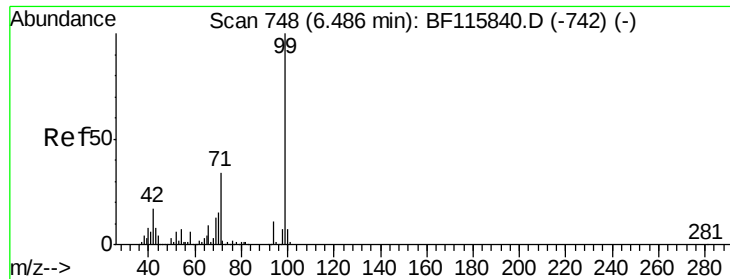
2-Fluorophenol
Concen: 9.023 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116161.D
Acq: 10 Aug 2019 20:48

Tgt Ion:112 Resp: 73493
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.2
63 29.9 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: 10.033 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116161.D

Acq: 10 Aug 2019 20:48

Instrument :

BNA_F

ClientSampled :

COMP-26

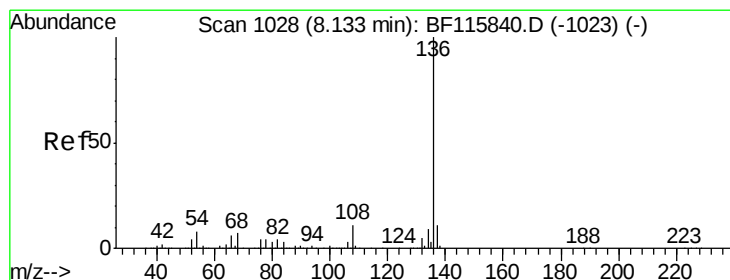
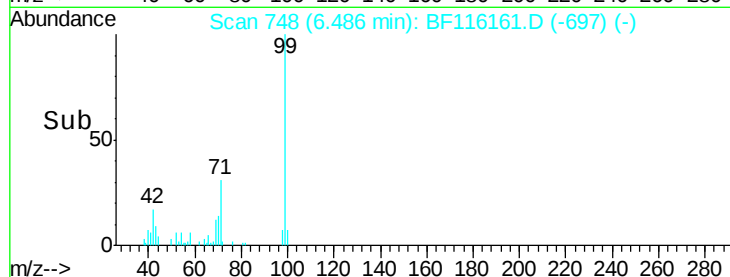
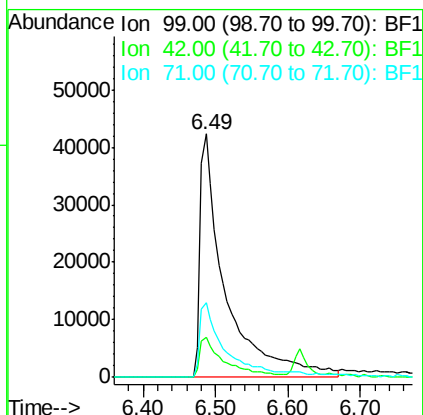
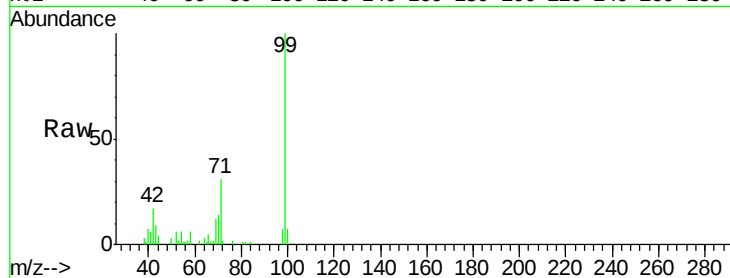
Tot Ion: 99 Resp: 103106

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

71 30.6 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116161.D

Acq: 10 Aug 2019 20:48

Tgt Ion: 136 Resp: 551637

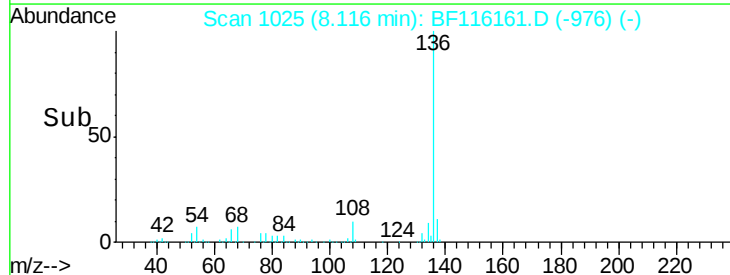
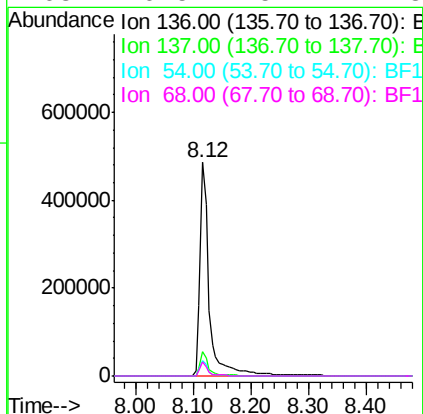
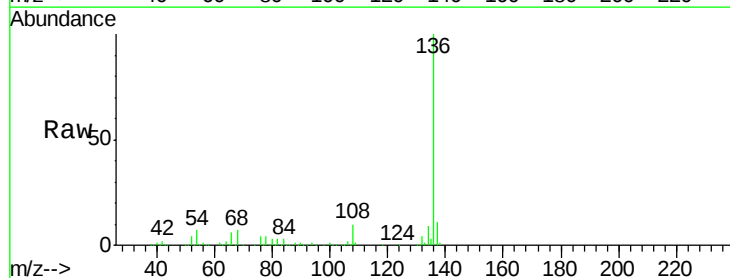
Ion Ratio Lower Upper

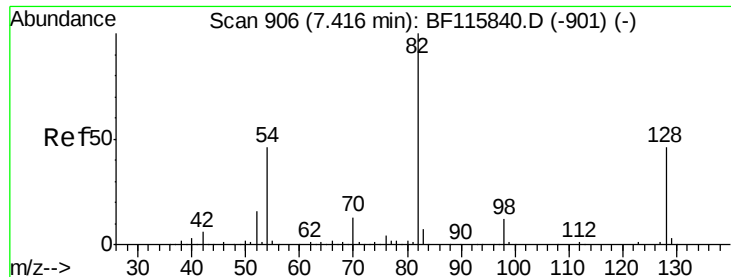
136 100

137 11.1 9.0 13.4

54 7.3 5.8 8.6

68 6.5 5.2 7.8

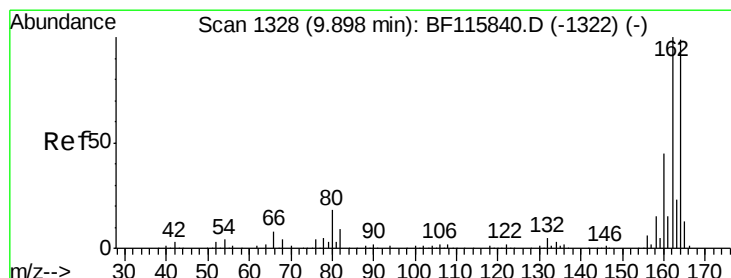
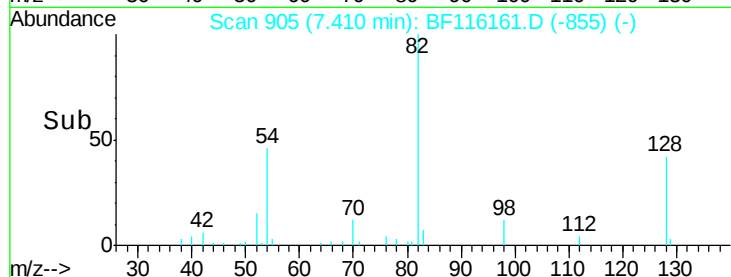
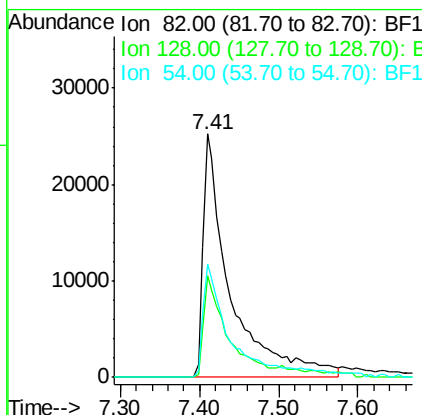
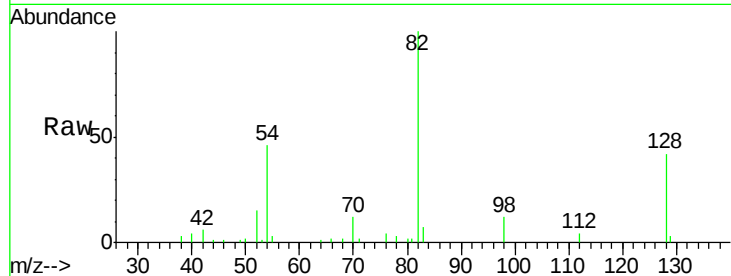




#23
 Nitrobenzene-d5
 Concen: 6.335 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116161.D
 Acq: 10 Aug 2019 20:48

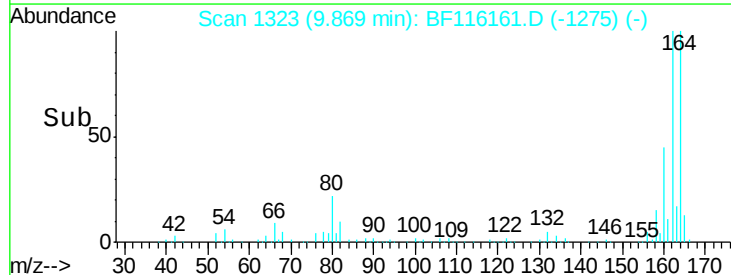
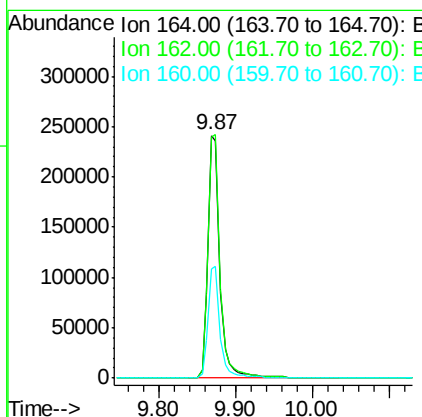
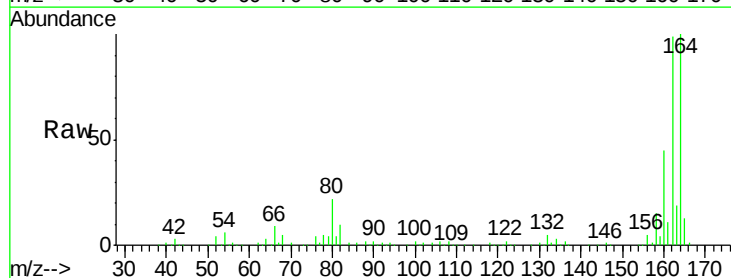
Instrument :
 BNA_F
 ClientSampleId :
 COMP-26

Tot Ion: 82 Resp: 60540
 Ion Ratio Lower Upper
 82 100
 128 41.9 36.5 54.7
 54 46.4 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116161.D
 Acq: 10 Aug 2019 20:48

Tgt Ion: 164 Resp: 262204
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.6 124.0
 160 45.3 37.6 56.4

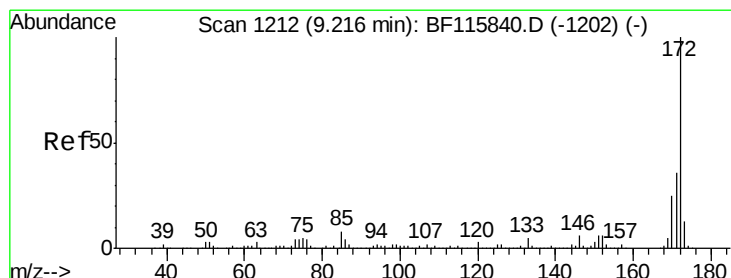
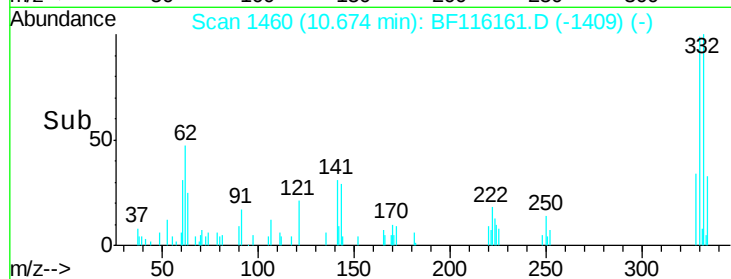
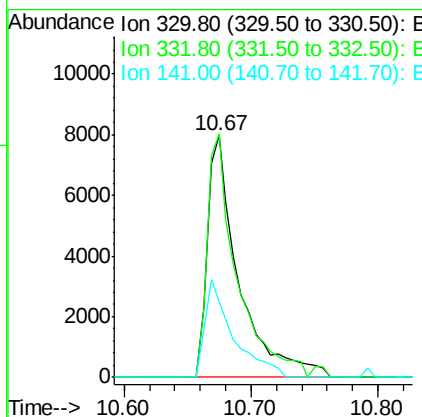
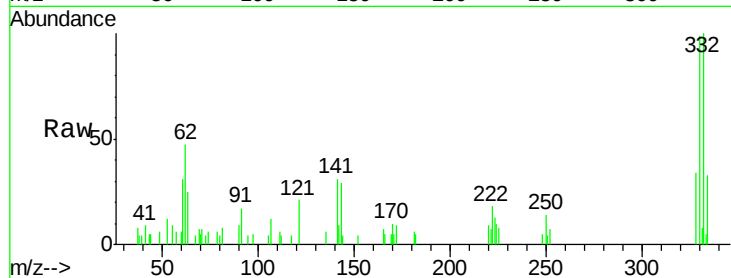




#42
 2,4,6-Tribromophenol
 Concen: 5.394 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF116161.D
 Acq: 10 Aug 2019 20:48

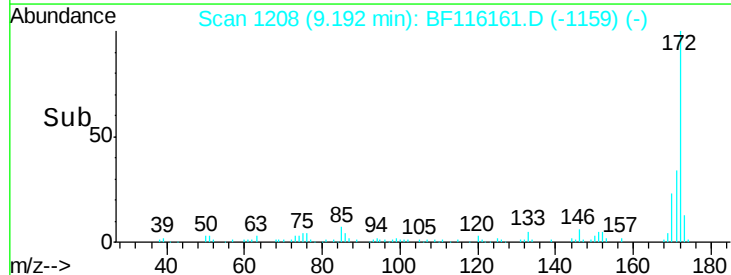
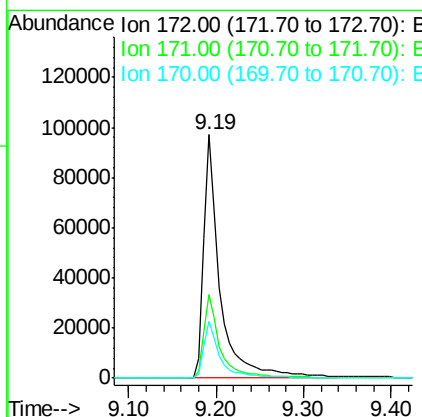
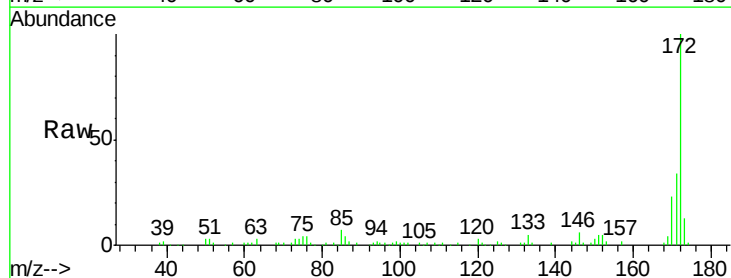
Instrument :
 BNA_F
 ClientSampled :
 COMP-26

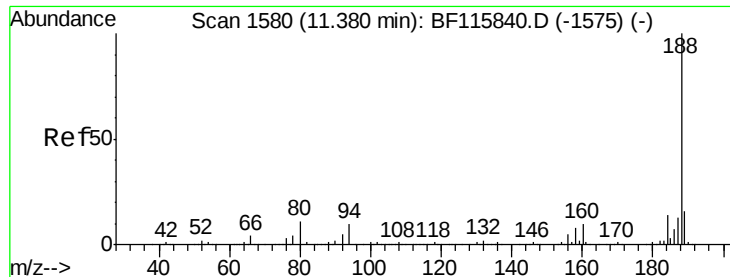
Tot Ion:330 Resp: 13712
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 36.3 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 9.150 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116161.D
 Acq: 10 Aug 2019 20:48

Tgt Ion:172 Resp: 128088
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 23.2 20.1 30.1

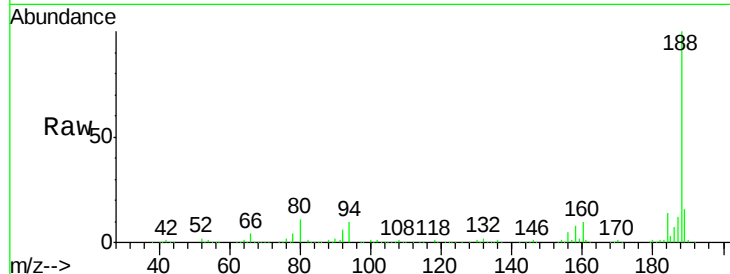




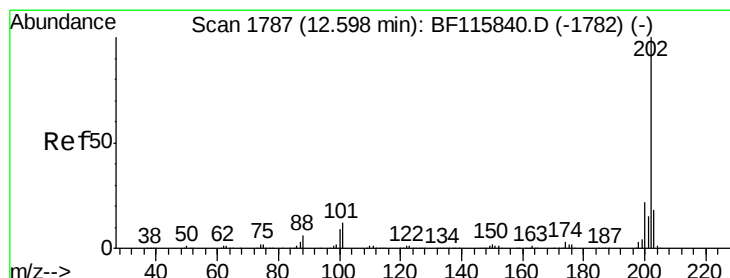
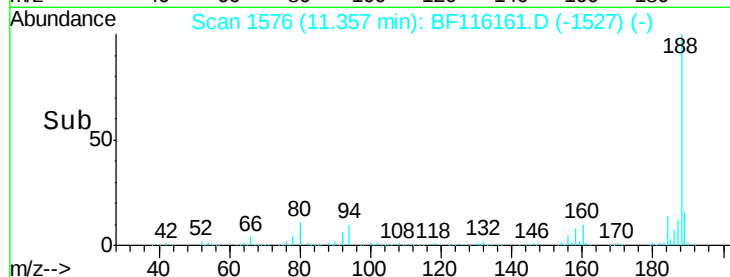
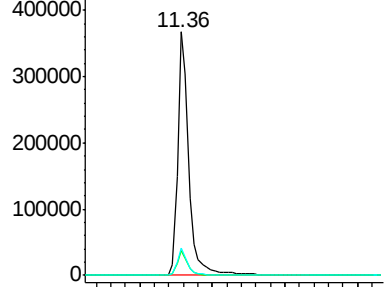
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116161.D
Acq: 10 Aug 2019 20:48

Instrument :
BNA_F
ClientSampleId :
COMP-26

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.4	8.7	13.1

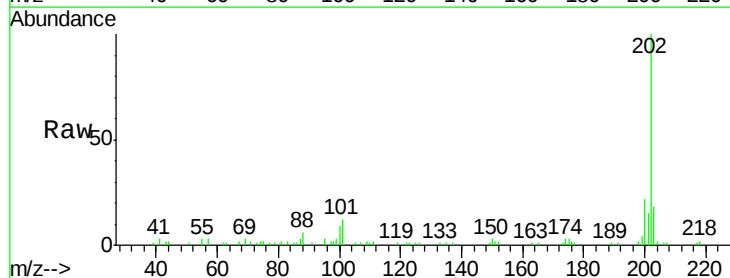


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

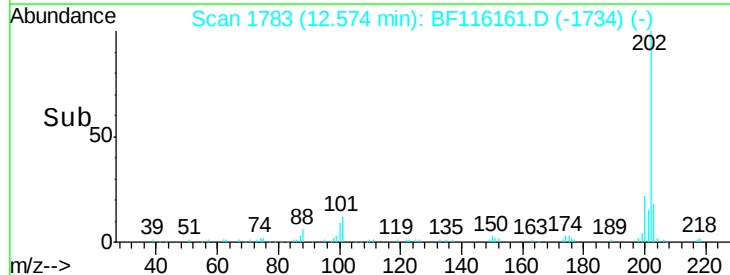
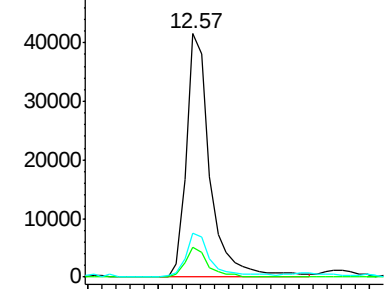


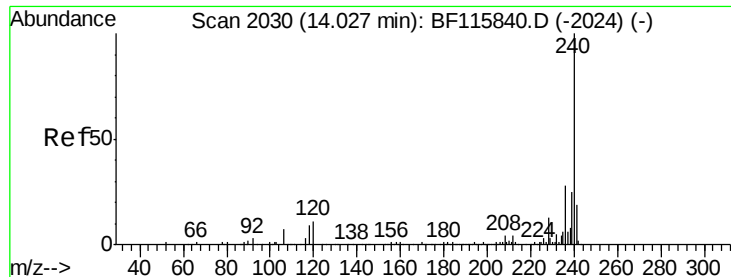
#75
Fluoranthene
Concen: 2.330 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116161.D
Acq: 10 Aug 2019 20:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
203	18.0	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

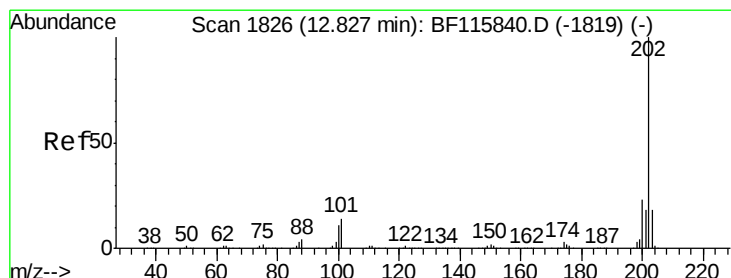
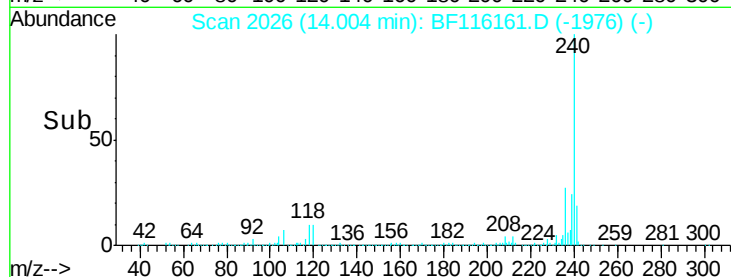
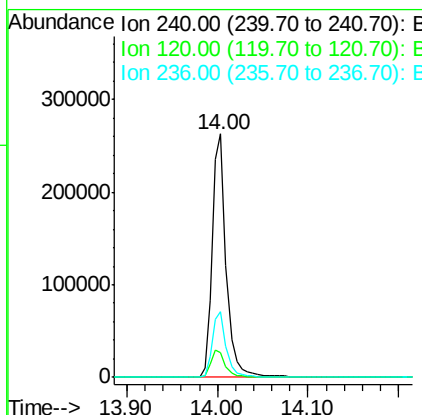
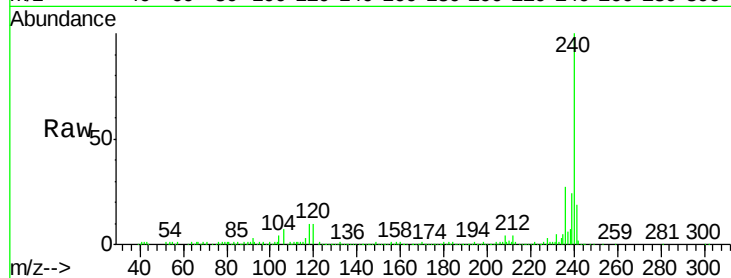




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116161.D
Acq: 10 Aug 2019 20:48

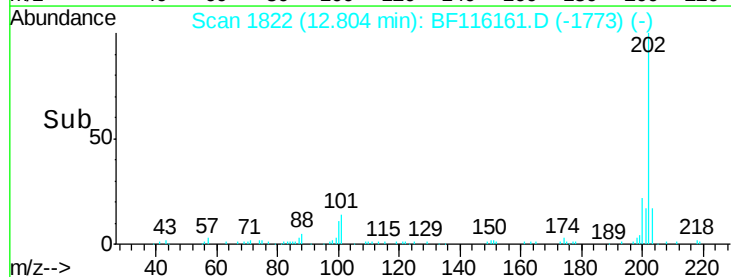
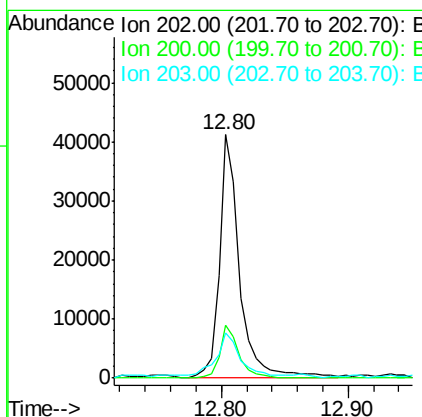
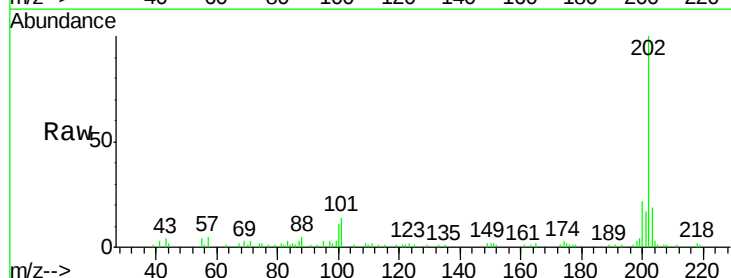
Instrument :
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ClientSampleId :
COMP-26

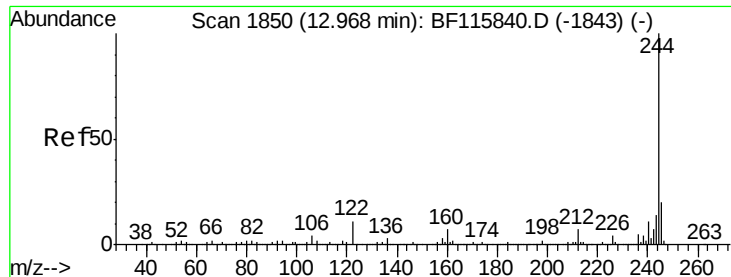
Tot Ion:240 Resp: 285219
Ion Ratio Lower Upper
240 100
120 10.2 10.7 16.1#
236 26.9 22.2 33.2



#78
Pyrene
Concen: 2.132 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116161.D
Acq: 10 Aug 2019 20:48

Tgt Ion:202 Resp: 45847
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 18.5 14.1 21.1





#79

Terphenyl-d14

Concen: 7.644 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116161.D

Acq: 10 Aug 2019 20:48

Instrument :

BNA_F

ClientSampleId :

COMP-26

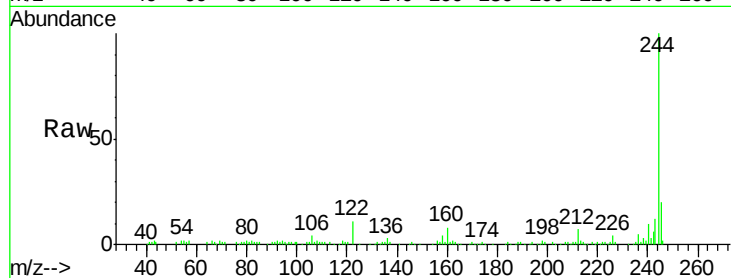
Tot Ion:244 Resp: 103461

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

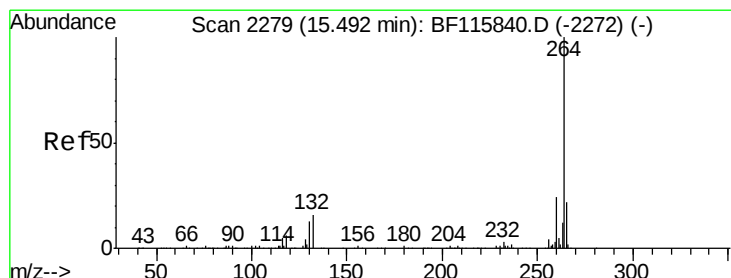
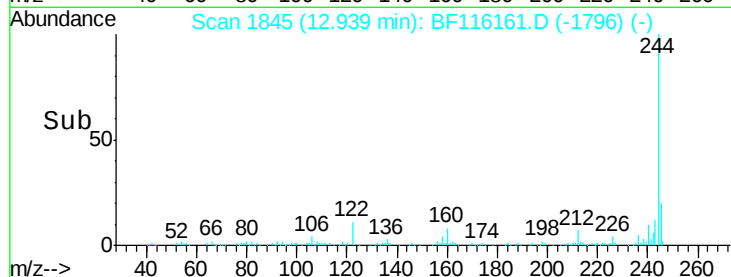
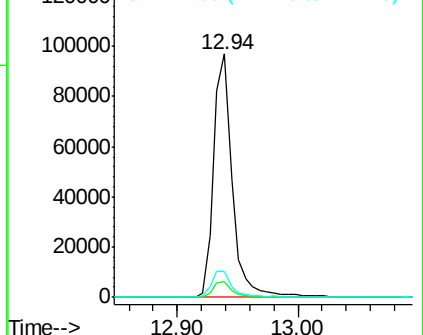
122 10.6 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116161.D

Acq: 10 Aug 2019 20:48

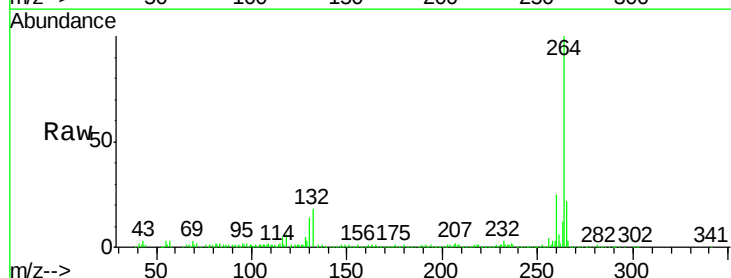
Tgt Ion:264 Resp: 264435

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.1 17.4 26.0



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

