

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116154.D
 Acq On : 10 Aug 2019 17:41
 Operator : HP/JU
 Sample : K4219-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-239-217-225-230

Quant Time: Aug 12 02:17:09 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

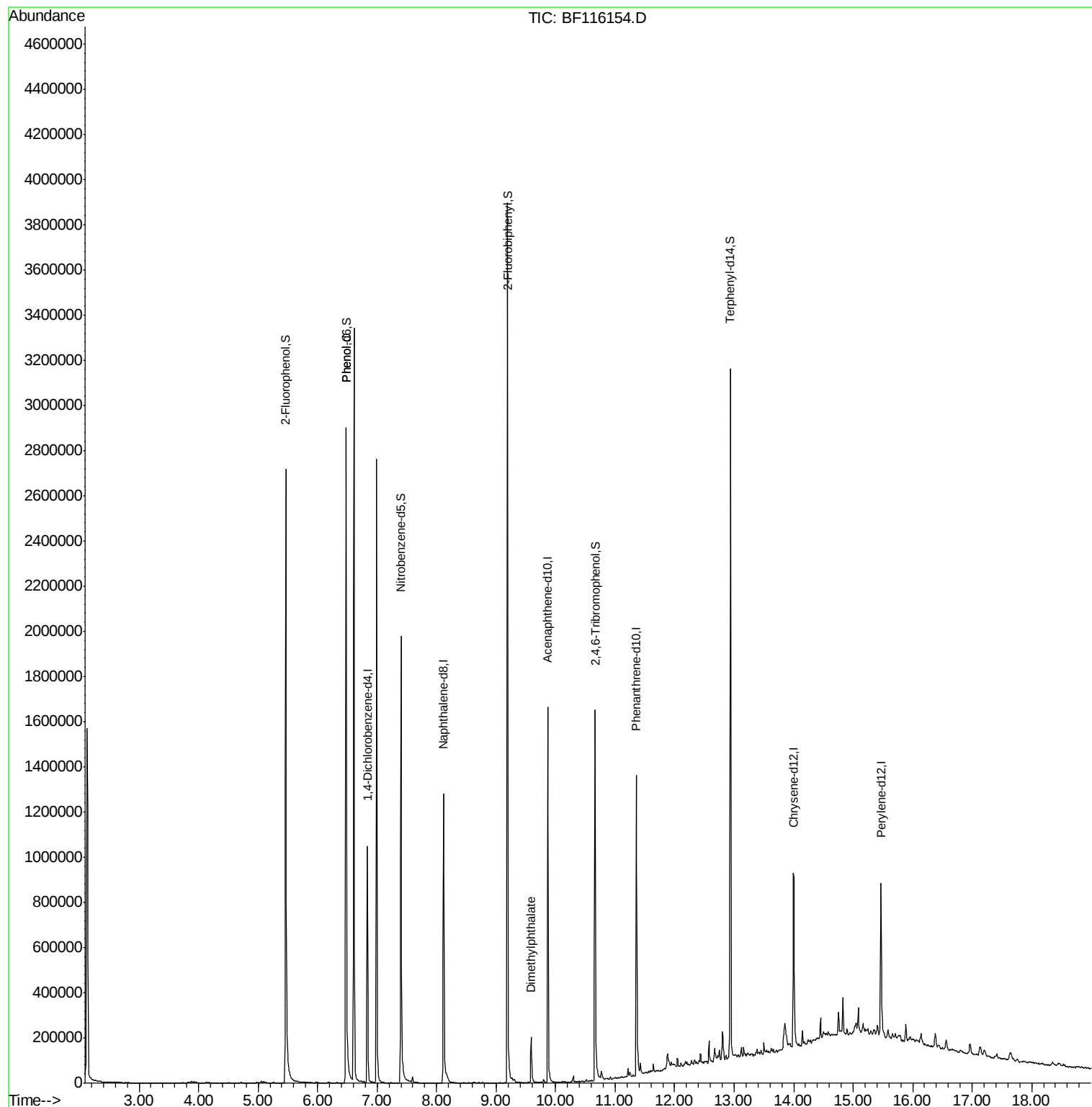
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	172351	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	694037	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	347037	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	523292	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	294279	20.00	ng	0.00
87) Perylene-d12	15.47	264	331676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	946246	91.91	ng	0.00
7) Phenol-d6	6.48	99	1237715	95.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	824277	68.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	242464	72.06	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1281119	69.15	ng	-0.01
79) Terphenyl-d14	12.94	244	1023972	73.32	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	108594	7.099	ng	89
50) Dimethylphthalate	9.59	163	113994	4.824	ng	98

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

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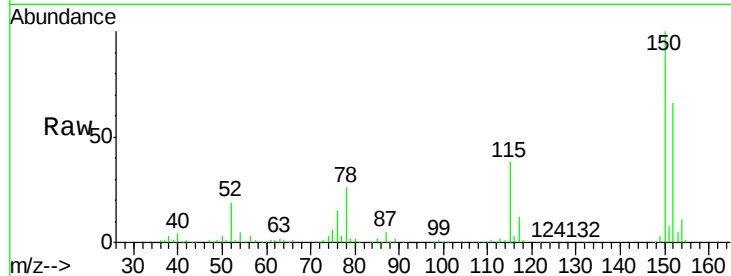


#1

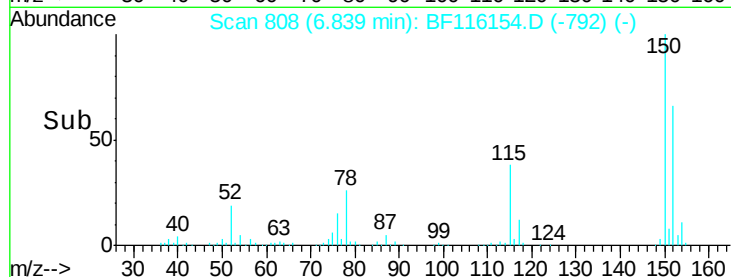
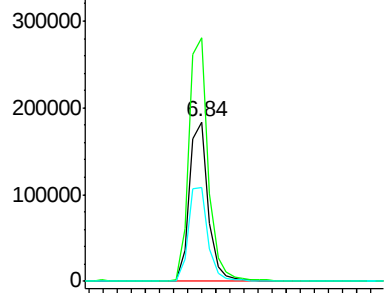
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_F
ClientSampleId :
VNJ-239-217-225-230

Tot Ion:152 Resp: 172351
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.2
115 58.5 49.9 74.9



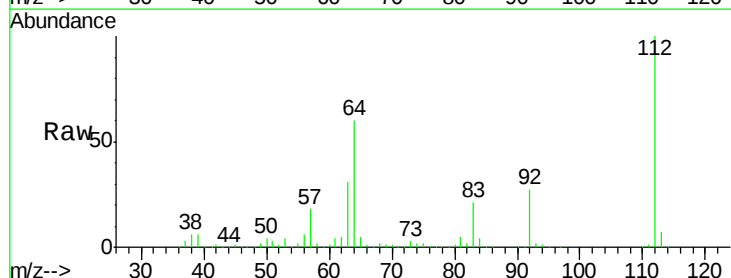
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



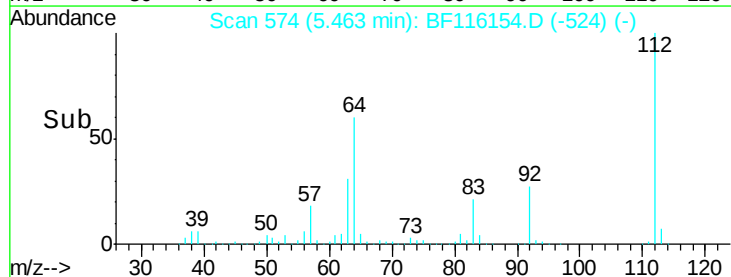
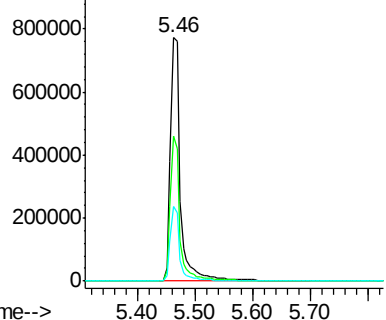
#5

2-Fluorophenol
Concen: 91.910 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Tgt Ion:112 Resp: 946246
Ion Ratio Lower Upper
112 100
64 59.6 45.4 68.2
63 30.7 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: 95.286 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

Instrument :

BNA_F

ClientSampleId :

VNJ-239-217-225-230

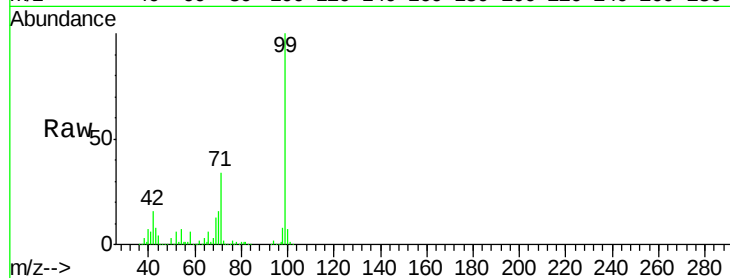
Tot Ion: 99 Resp: 1237715

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

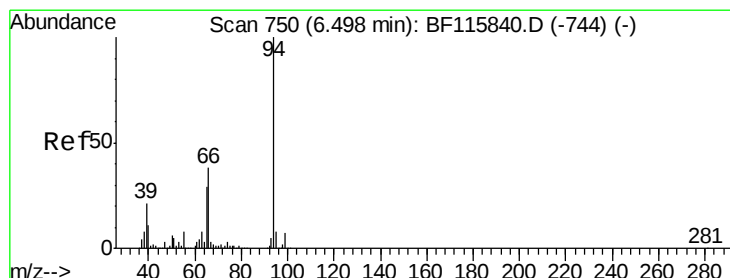
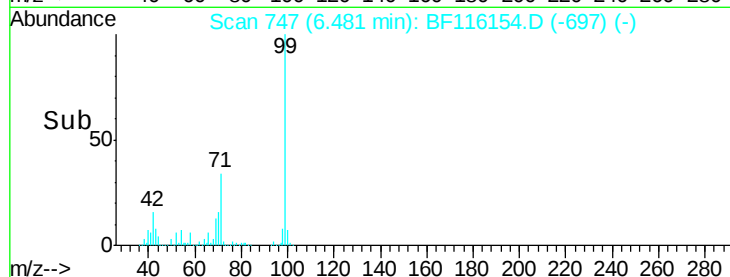
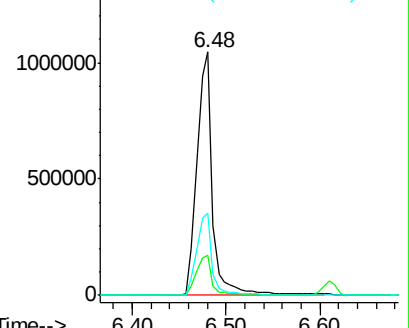
71 33.8 27.3 40.9



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



#10

Phenol

Concen: 7.099 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

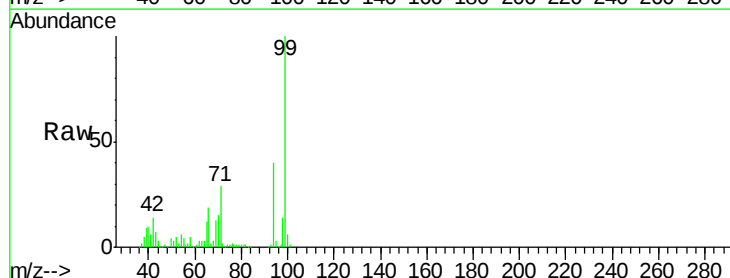
Tgt Ion: 94 Resp: 108594

Ion Ratio Lower Upper

94 100

65 30.1 16.8 56.8

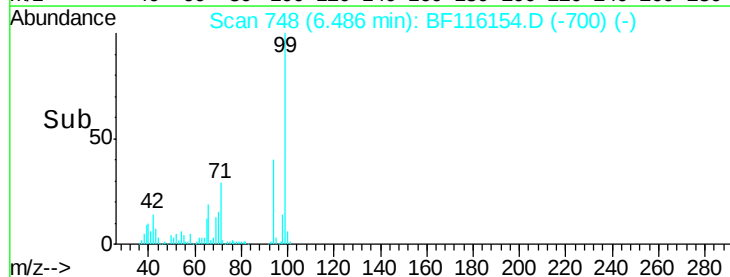
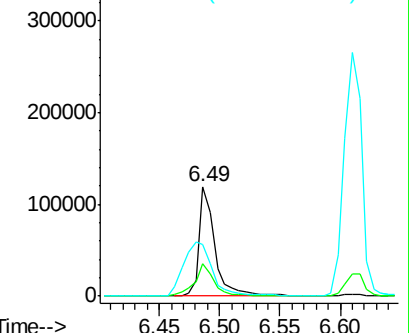
66 46.9 34.2 74.2

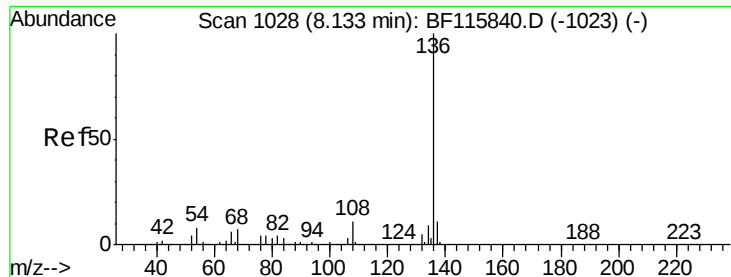


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

Instrument :

BNA_F

ClientSampleId :

VNJ-239-217-225-230

Tot Ion:136 Resp: 694037

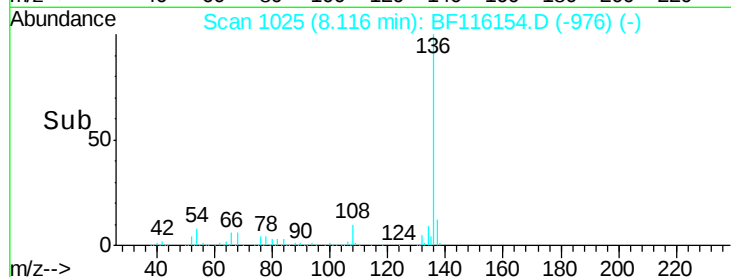
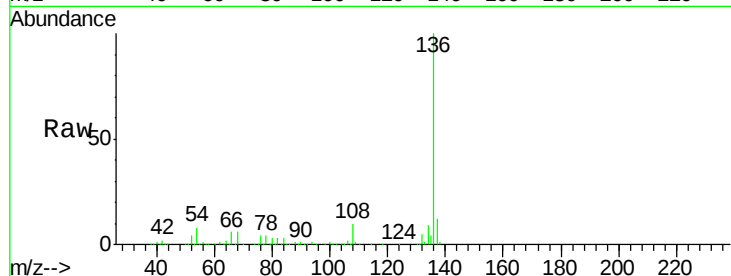
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.5 5.8 8.6

68 6.4 5.2 7.8



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

8.12

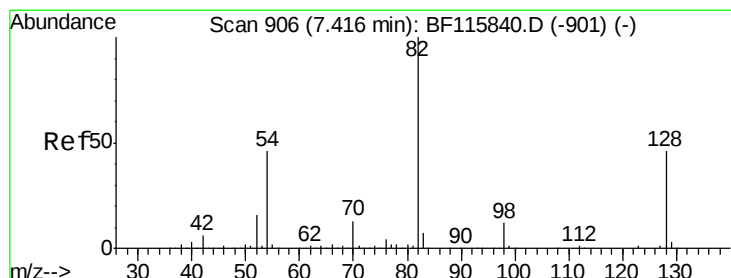
600000

400000

200000

0

Time--> 8.00 8.10 8.20 8.30 8.40



#23

Nitrobenzene-d5

Concen: 68.555 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

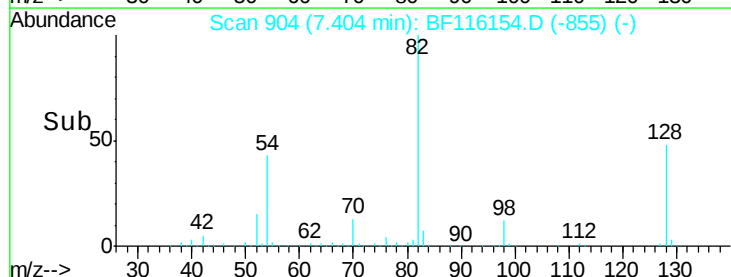
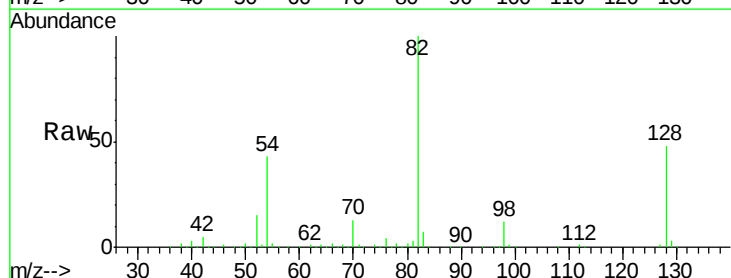
Tgt Ion: 82 Resp: 824277

Ion Ratio Lower Upper

82 100

128 47.8 36.5 54.7

54 43.4 36.0 54.0



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

7.40

800000

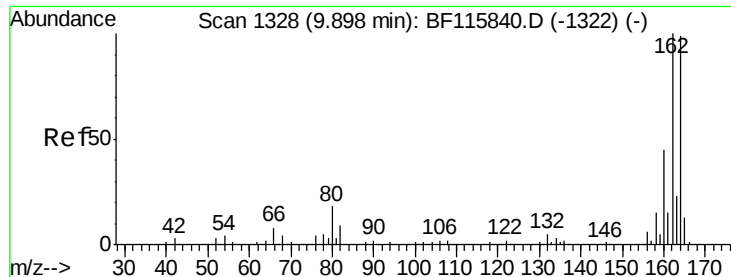
600000

400000

200000

0

Time--> 7.40 7.60



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

Instrument :

BNA_F

ClientSampleId :

VNJ-239-217-225-230

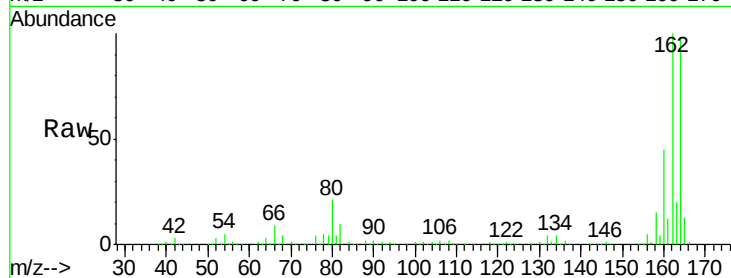
Tot Ion:164 Resp: 347037

Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

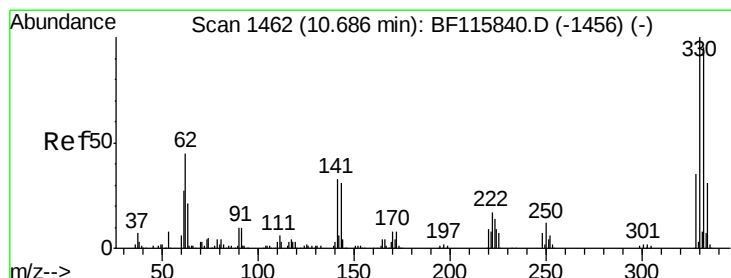
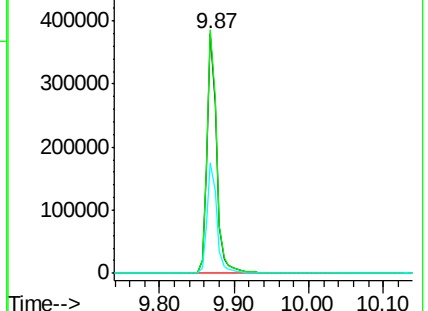
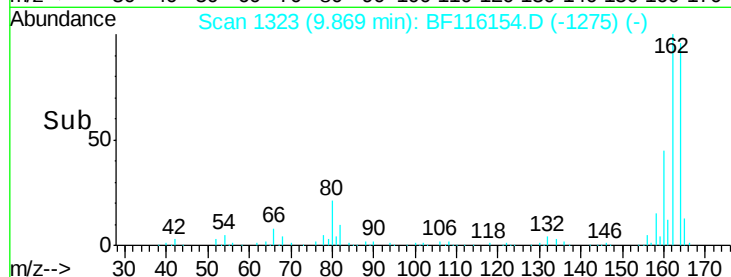
160 46.1 37.6 56.4



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: 72.063 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116154.D

Acq: 10 Aug 2019 17:41

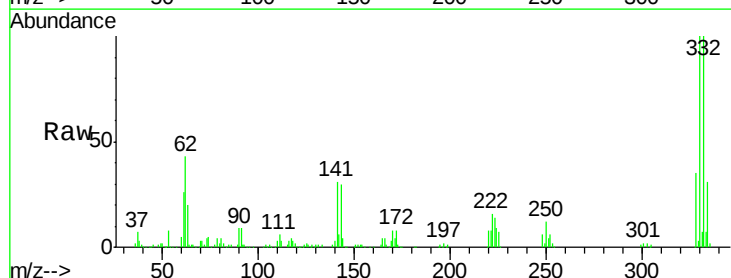
Tgt Ion:330 Resp: 242464

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

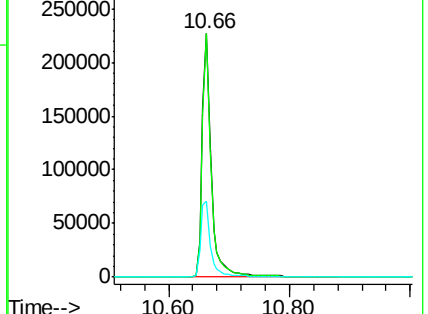
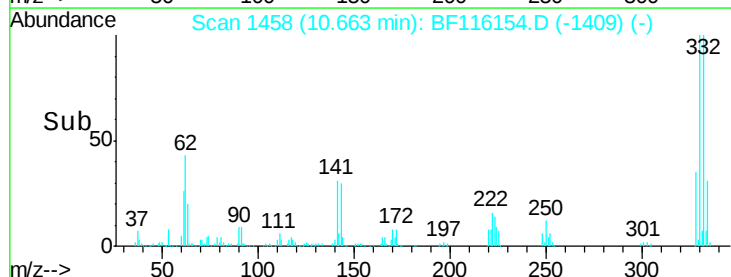
141 34.8 26.3 39.5



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

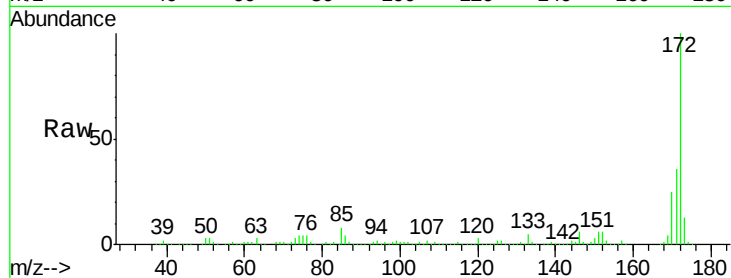




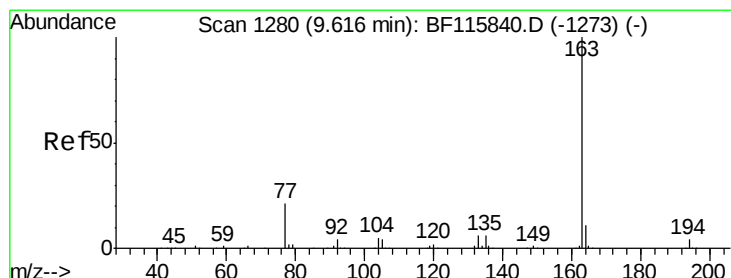
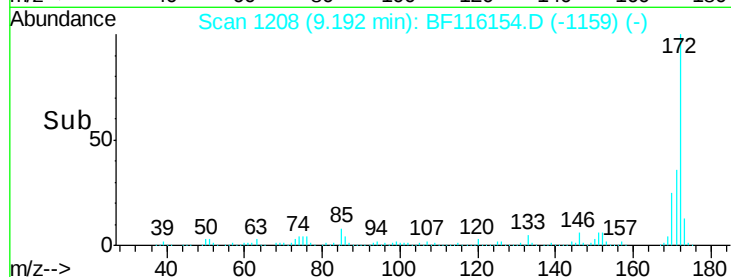
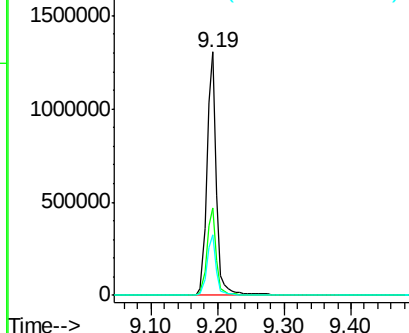
#45
2-Fluorobiphenyl
Concen: 69.146 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_F
ClientSampleId :
VNJ-239-217-225-230

Tot Ion:172 Resp: 1281119
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.7 20.1 30.1

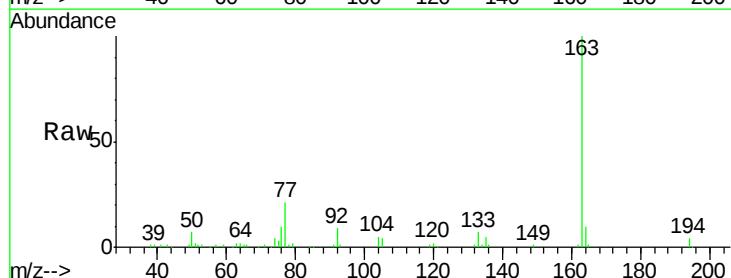


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

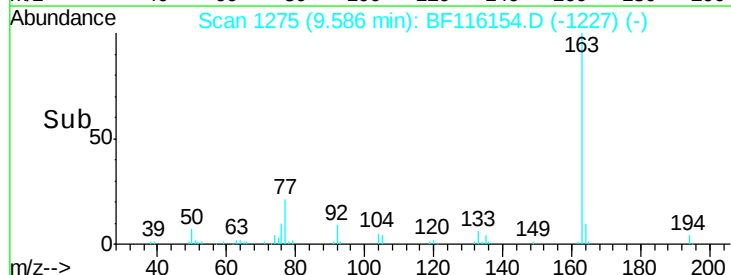
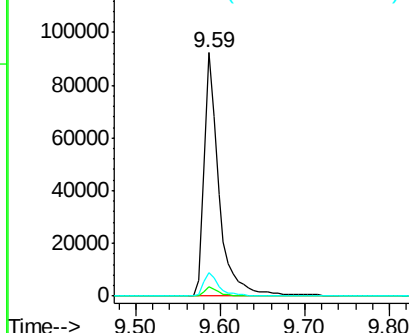


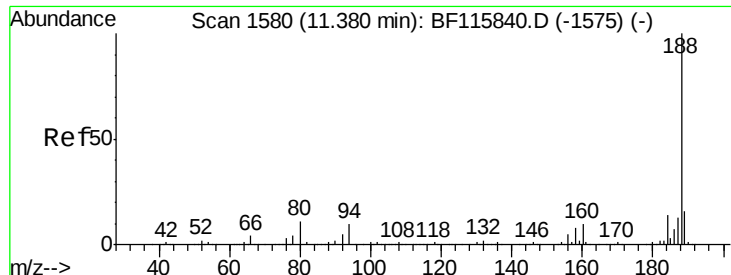
#50
Dimethylphthalate
Concen: 4.824 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Tgt Ion:163 Resp: 113994
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.7 8.4 12.6



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

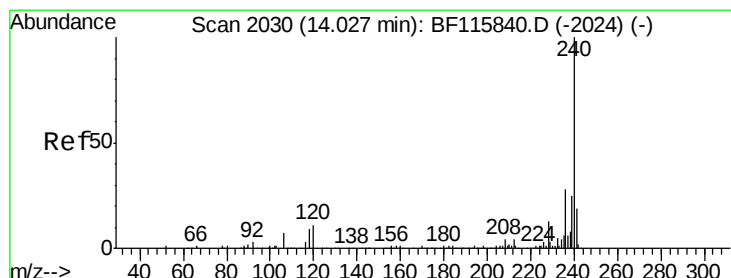
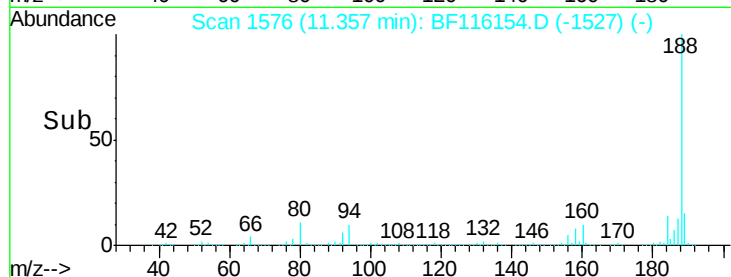
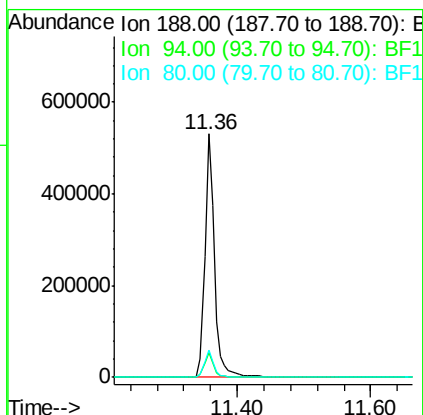
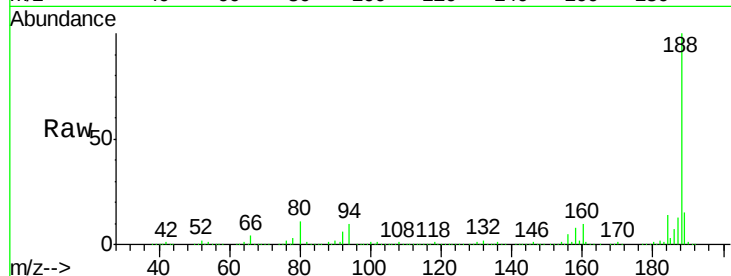




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

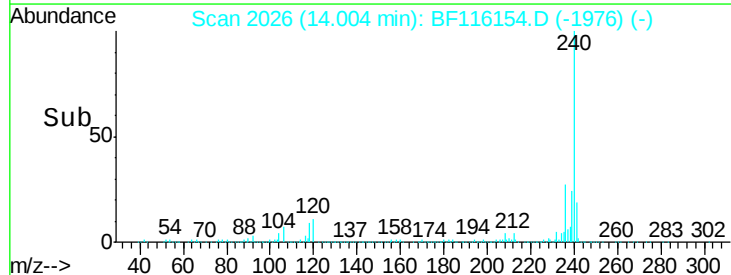
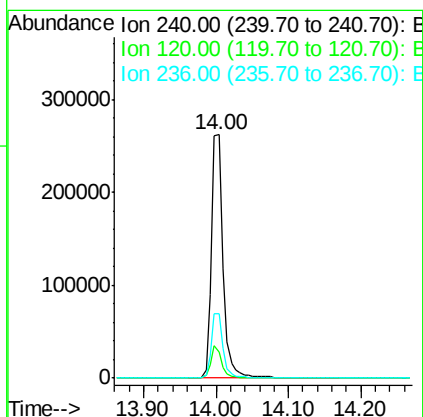
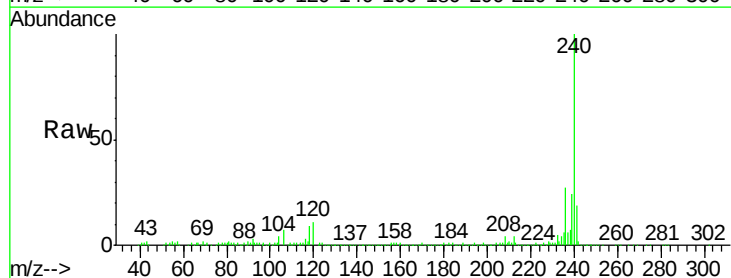
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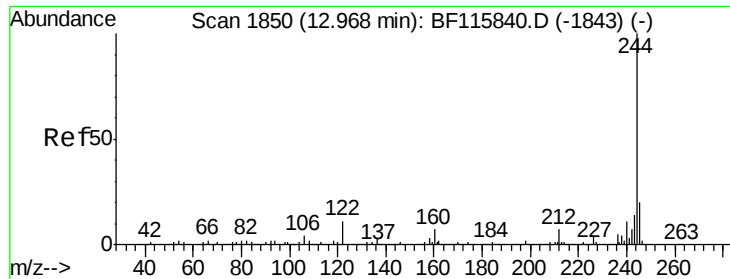
Tot Ion:188 Resp: 523292
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116154.D
Acq: 10 Aug 2019 17:41

Tgt Ion:240 Resp: 294279
Ion Ratio Lower Upper
240 100
120 10.7 10.7 16.1
236 26.7 22.2 33.2

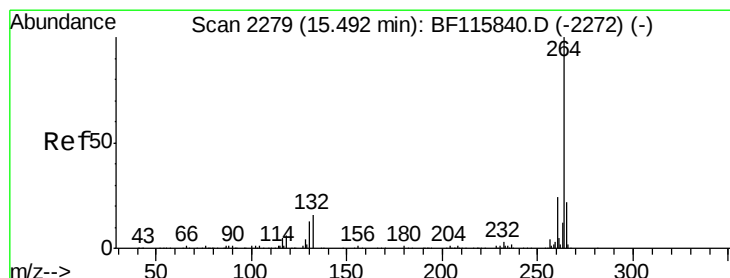
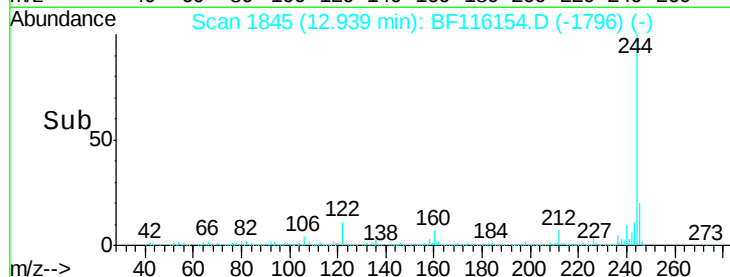
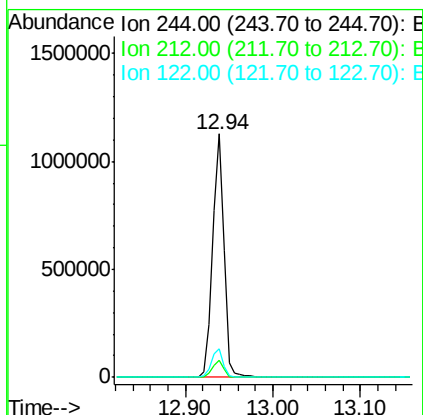
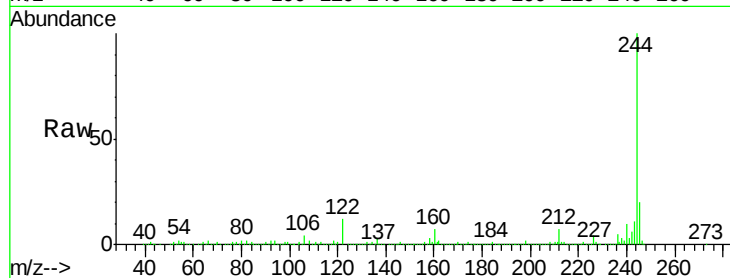




#79
 Terphenyl-d14
 Concen: 73.321 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-239-217-225-230

Tot Ion:244 Resp: 1023972
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.5 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116154.D
 Acq: 10 Aug 2019 17:41

Tgt Ion:264 Resp: 331676
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.8 17.4 26.0

