

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114871.D
 Acq On : 6 Jun 2019 19:23
 Operator : HP/JU
 Sample : K3198-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-06

Quant Time: Jun 07 03:17:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	491287	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1894310	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	921242	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1609349	20.00	ng	0.00
76) Chrysene-d12	13.79	240	991311	20.00	ng	0.00
87) Perylene-d12	15.17	264	904838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1828798	65.04	ng	0.01
7) Phenol-d6	6.30	99	2312832	67.60	ng	0.00
23) Nitrobenzene-d5	7.23	82	1510272	49.08	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	606035	61.04	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2874412	58.45	ng	0.00
79) Terphenyl-d14	12.75	244	2641167	51.81	ng	0.00

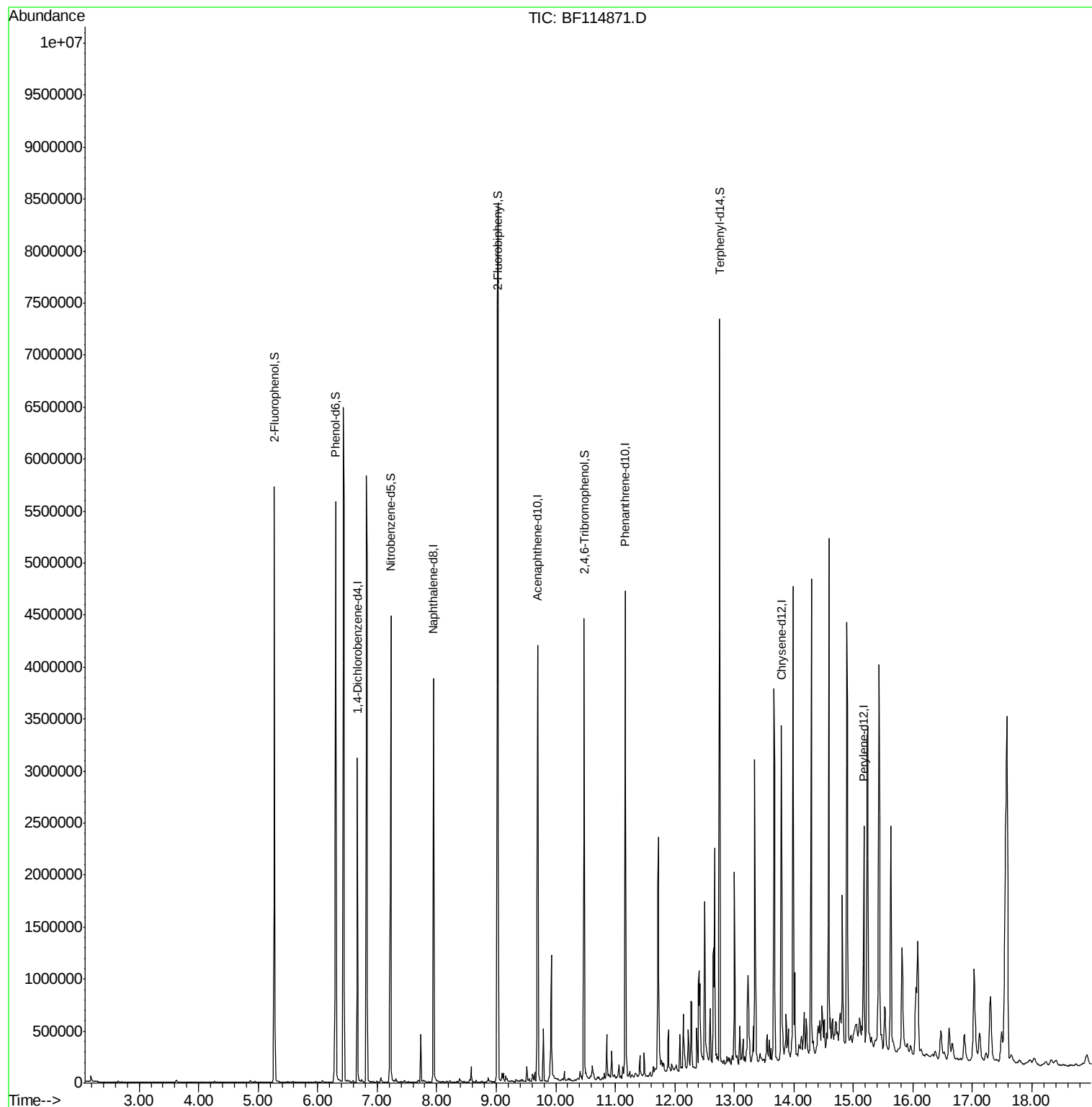
Target Compounds Qvalue

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

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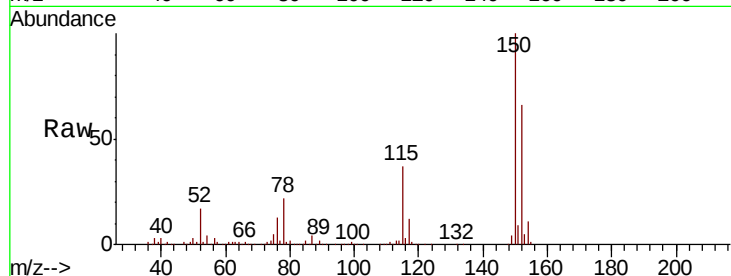


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.0	186.0
115	56.5	46.3	69.5

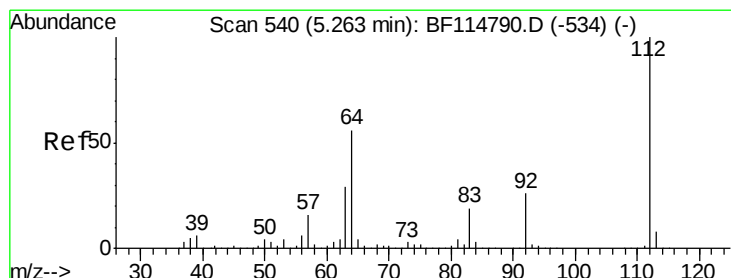
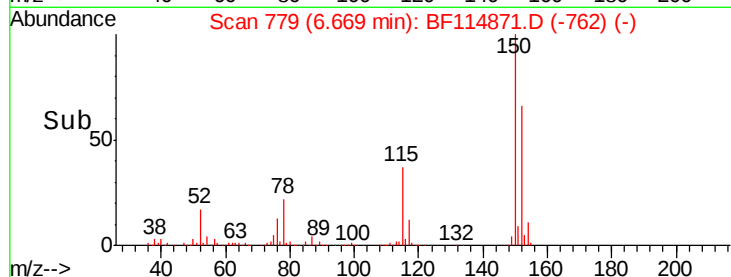
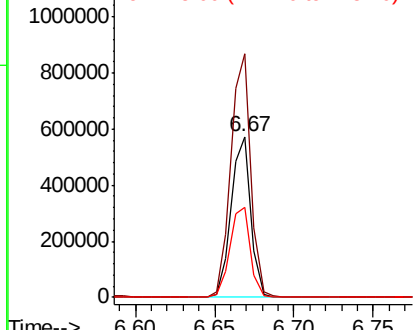


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

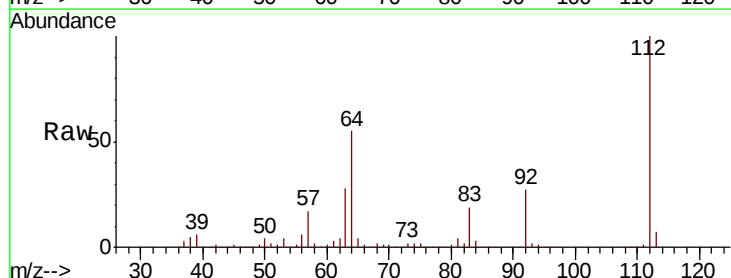
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.045 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.6	66.8
63	28.4	23.0	34.4

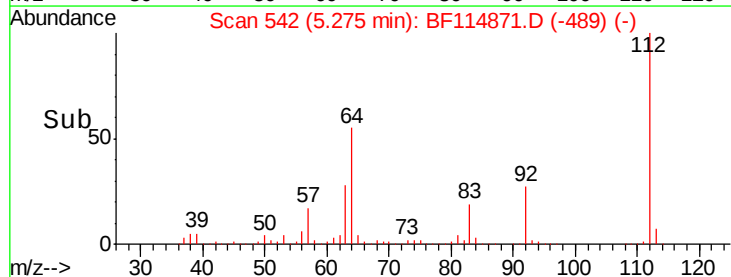
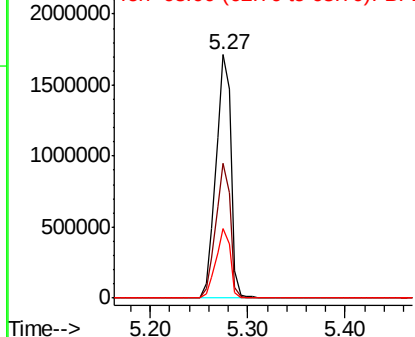


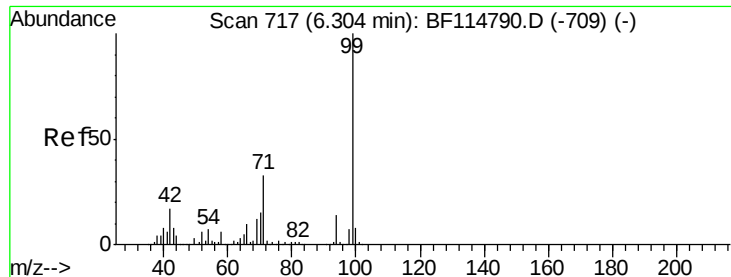
Abundance

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: 67.604 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

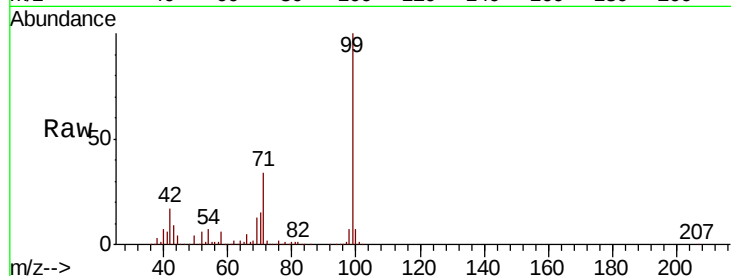
Tot Ion: 99 Resp: 2312832

Ion Ratio Lower Upper

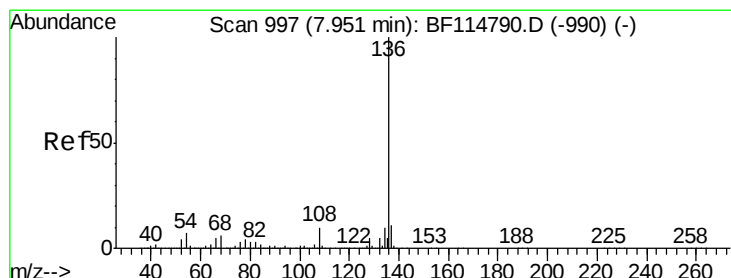
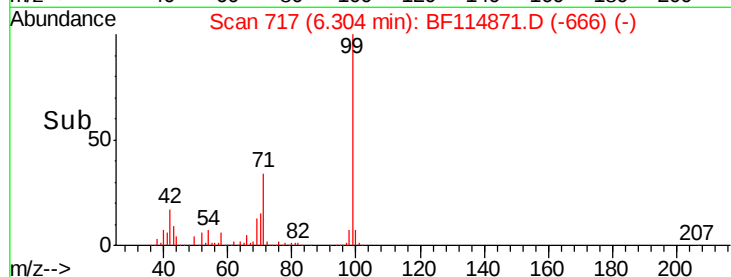
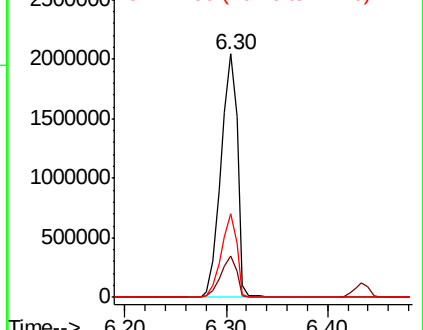
99 100

42 17.0 13.3 19.9

71 34.2 26.3 39.5



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Tgt Ion: 136 Resp: 1894310

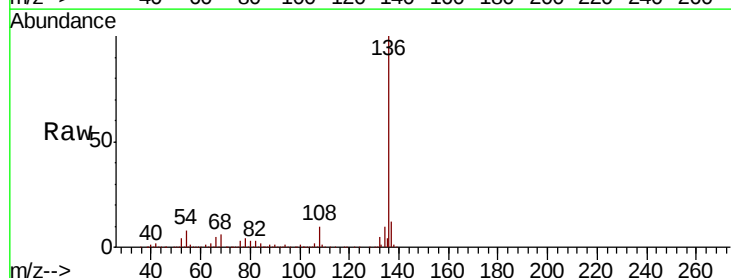
Ion Ratio Lower Upper

136 100

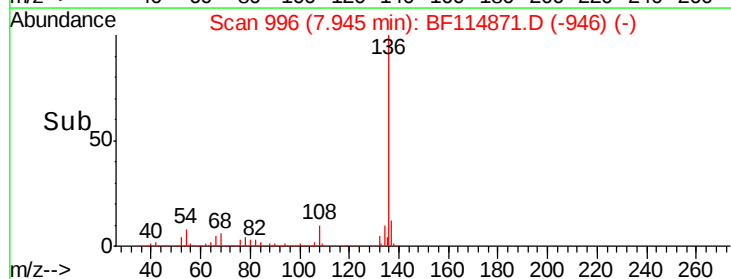
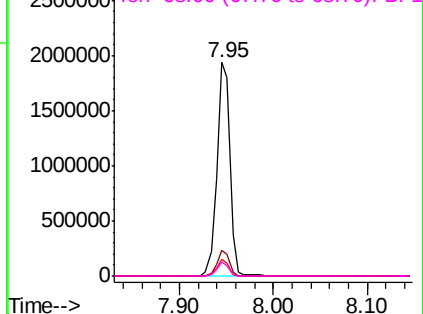
137 11.8 9.1 13.7

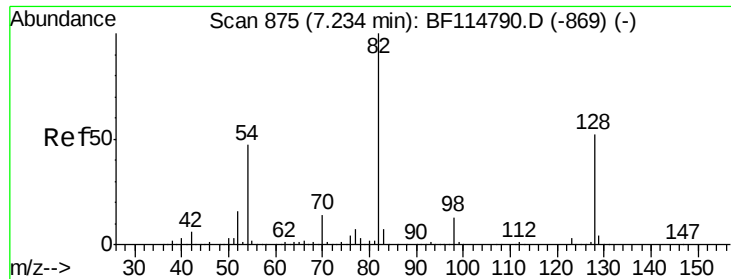
54 7.5 5.4 8.0

68 6.5 4.6 6.8



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

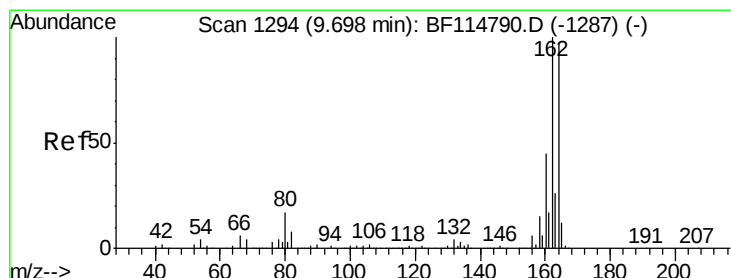
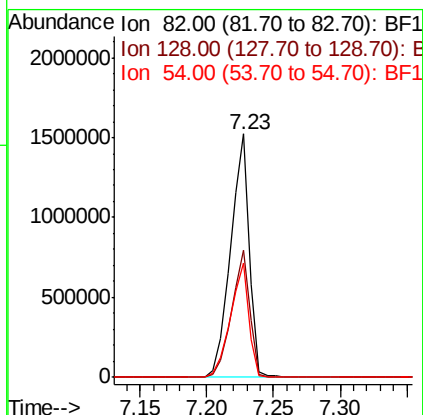
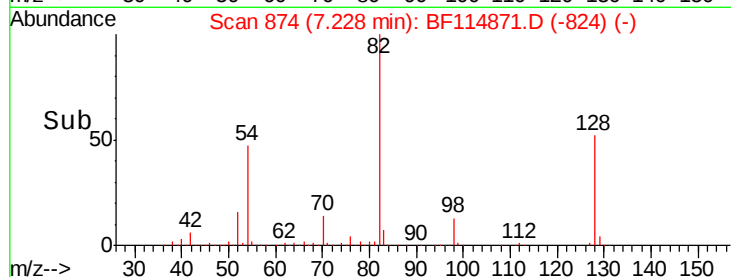
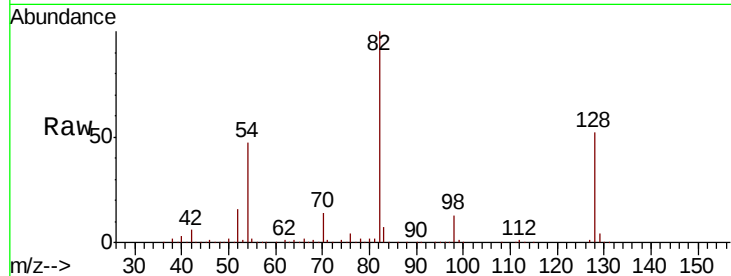




#23
Nitrobenzene-d5
Concen: 49.079 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

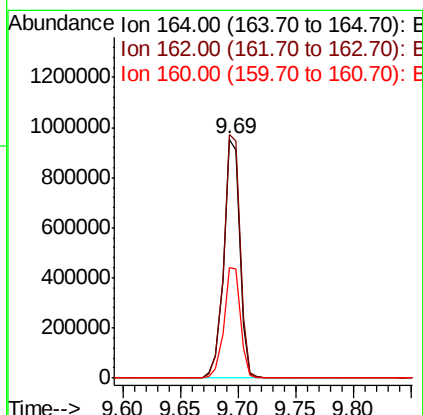
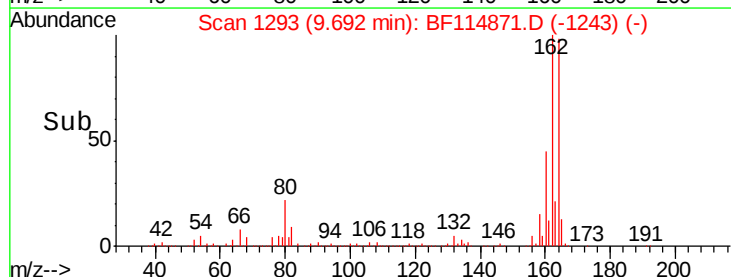
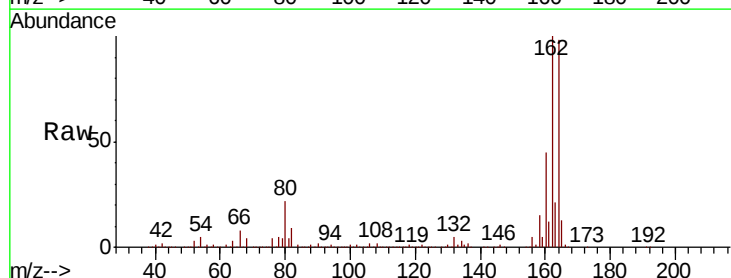
Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-06

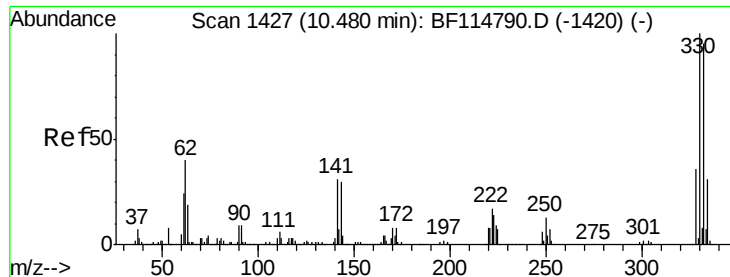
Tot Ion: 82 Resp: 1510272
Ion Ratio Lower Upper
82 100
128 52.2 41.8 62.6
54 47.0 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Tgt Ion:164 Resp: 921242
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 46.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 61.044 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

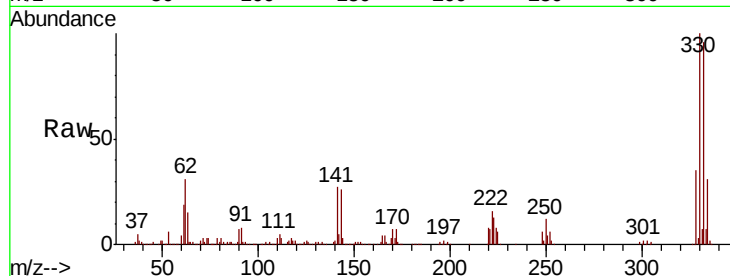
Tot Ion:330 Resp: 606035

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 33.9 26.2 39.4

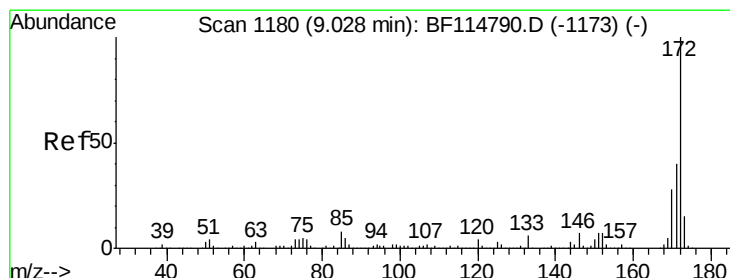
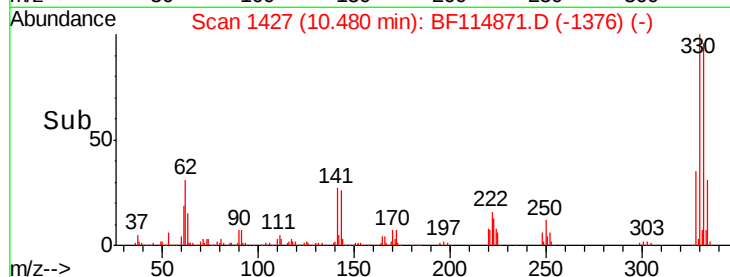
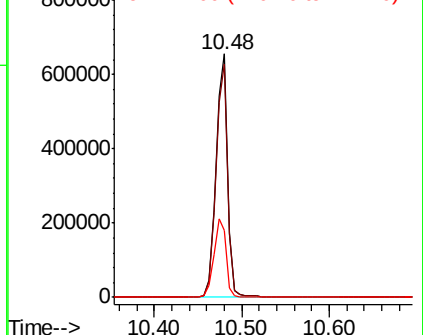


Abundance

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: 58.449 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

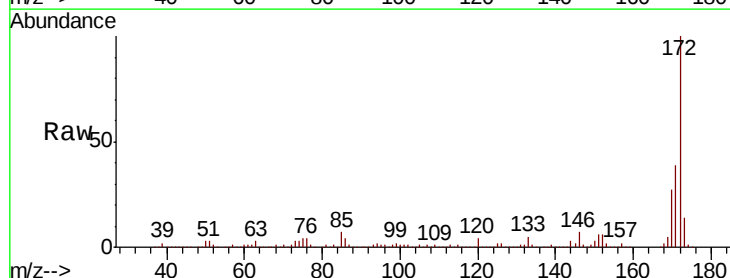
Tgt Ion:172 Resp: 2874412

Ion Ratio Lower Upper

172 100

171 38.7 32.3 48.5

170 26.6 22.4 33.6

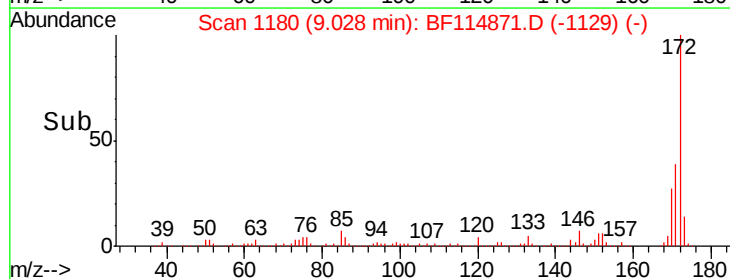
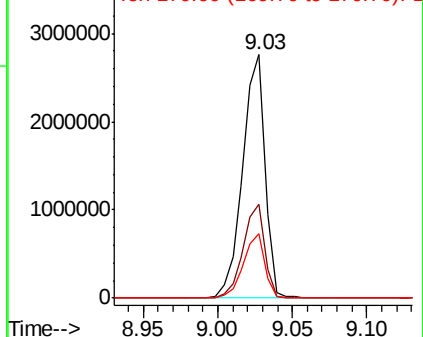


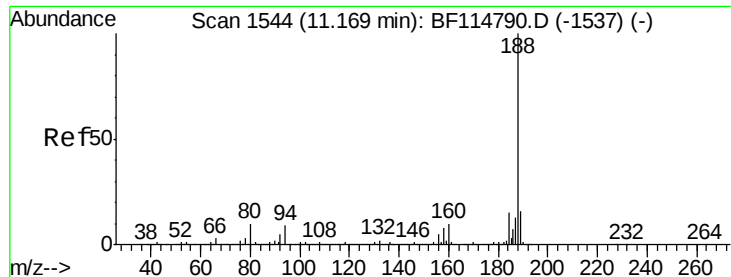
Abundance

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: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

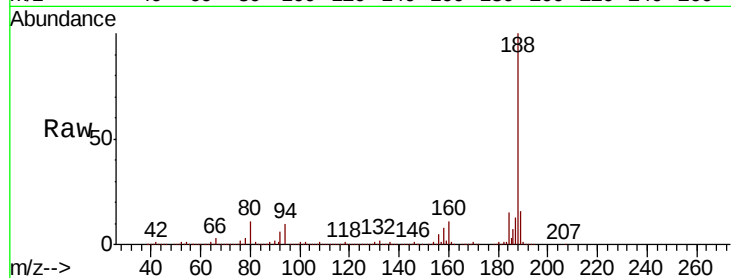
Tot Ion:188 Resp: 1609349

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

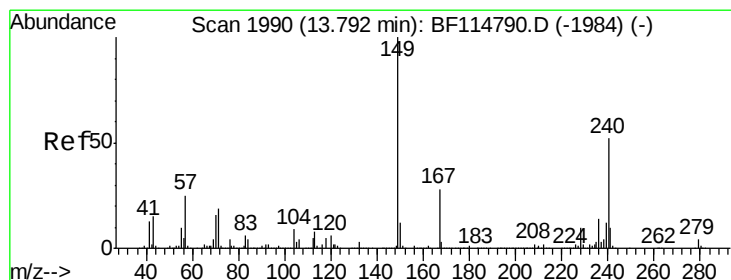
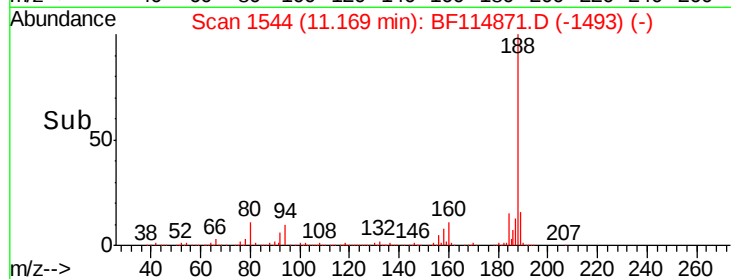
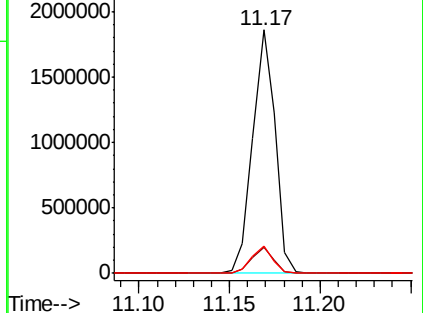
80 11.0 8.3 12.5



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: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

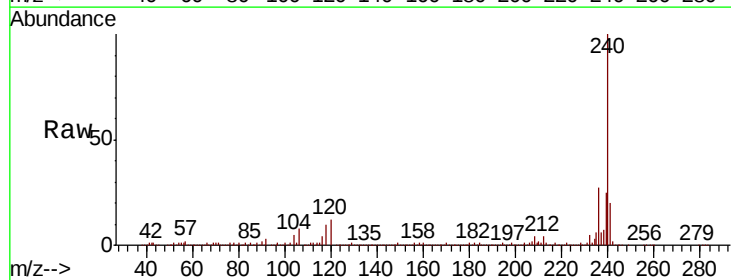
Tgt Ion:240 Resp: 991311

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

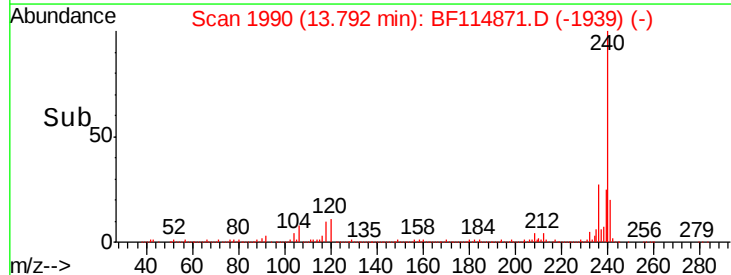
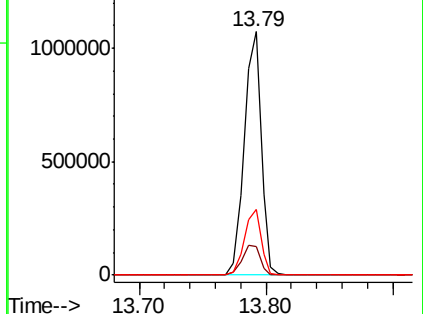
236 27.0 21.4 32.0

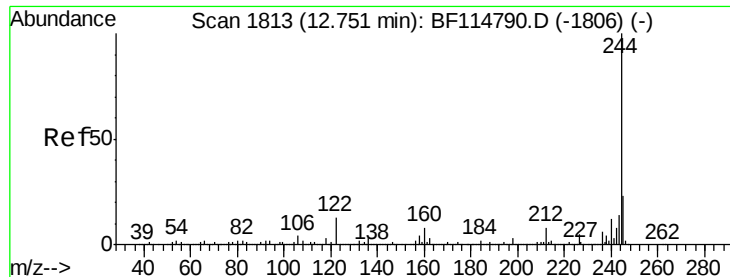


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.815 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

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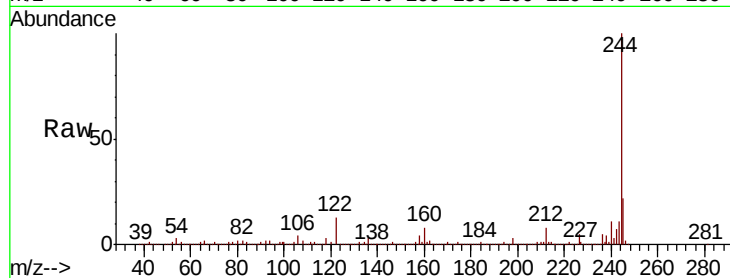
Tot Ion:244 Resp: 2641167

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

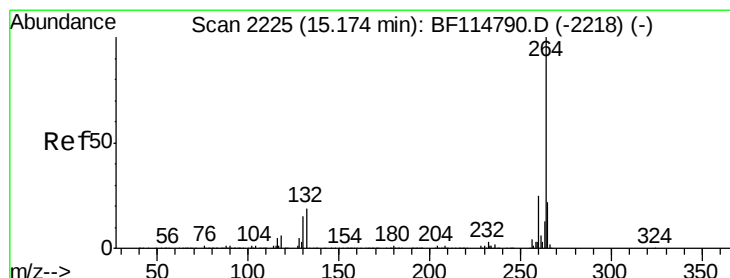
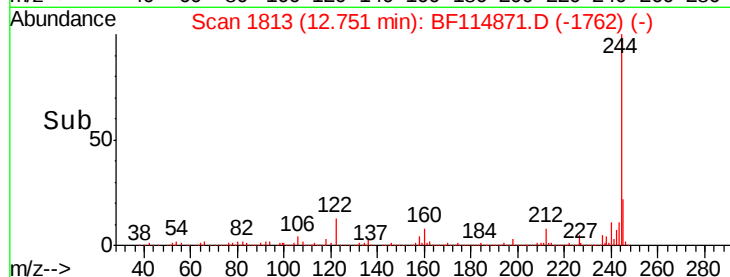
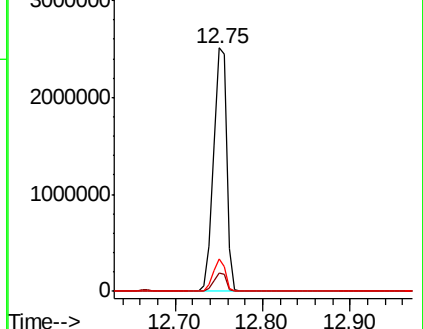
122 13.2 10.5 15.7



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: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

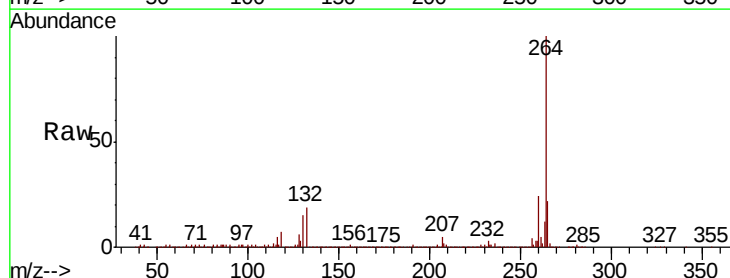
Tgt Ion:264 Resp: 904838

Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 21.7 17.7 26.5



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

