

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114409.D
 Acq On : 19 May 2019 00:33
 Operator : JU/SJ
 Sample : K2896-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-S

Quant Time: May 20 08:07:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	216422	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	818203	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	373595	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	701506	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	410265	20.00	ng	-0.03
87) Perylene-d12	15.46	264	478792	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1413380	105.10	ng	0.00
7) Phenol-d6	6.49	99	1671626	105.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	1234650	84.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	480988	124.53	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2132655	86.35	ng	-0.02
79) Terphenyl-d14	12.93	244	1906641	95.80	ng	-0.02

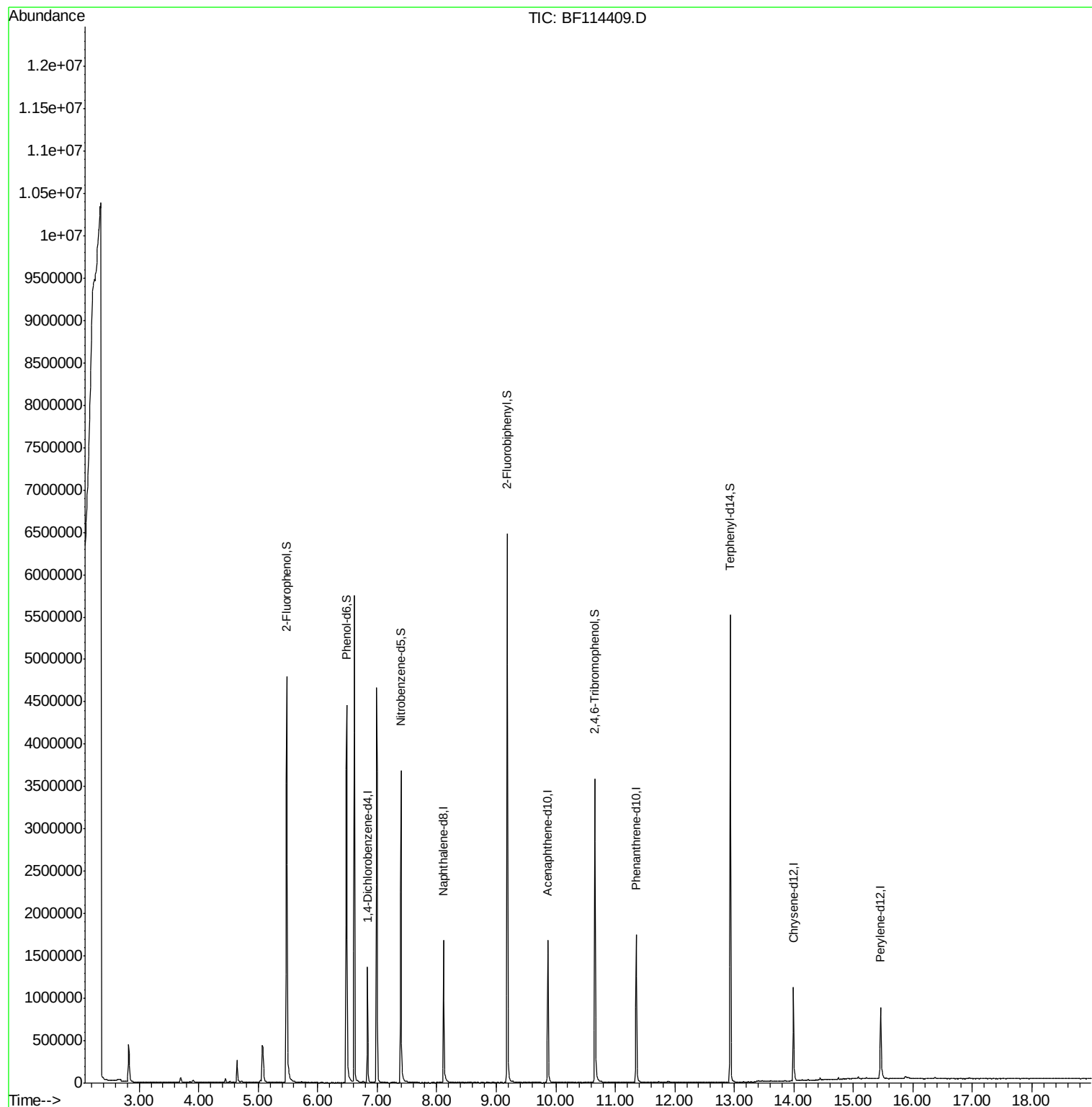
Target Compounds	Qvalue
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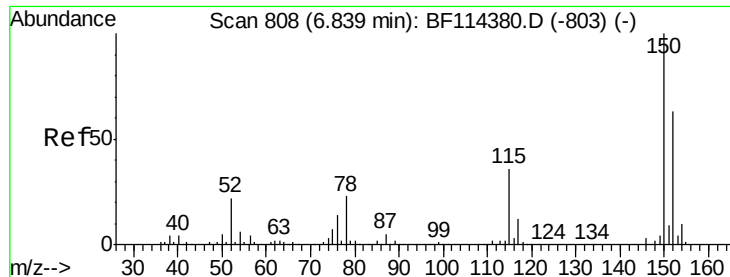
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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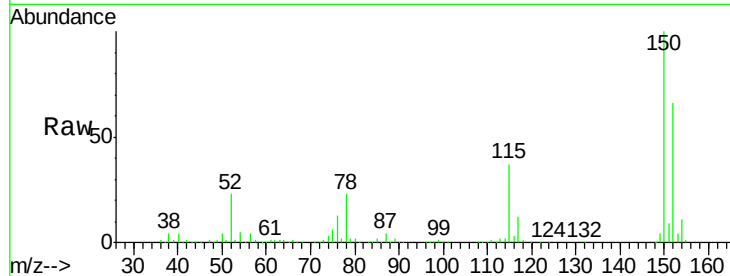


#1

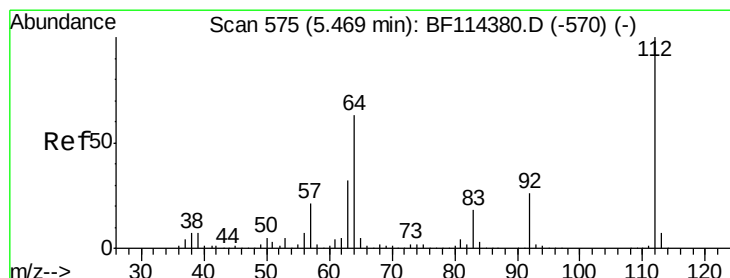
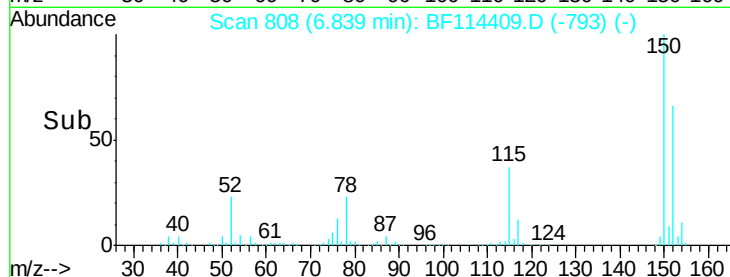
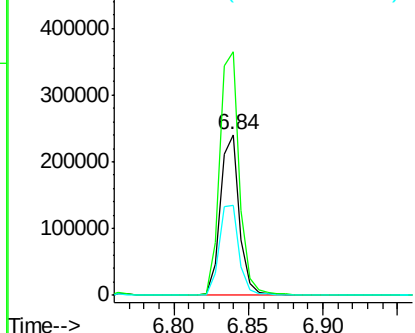
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Instrument :
BNA_F
ClientSampleId :
TP-18-S

Tgt Ion:152 Resp: 216422
Ion Ratio Lower Upper
152 100
150 151.4 124.3 186.5
115 55.6 49.1 73.7



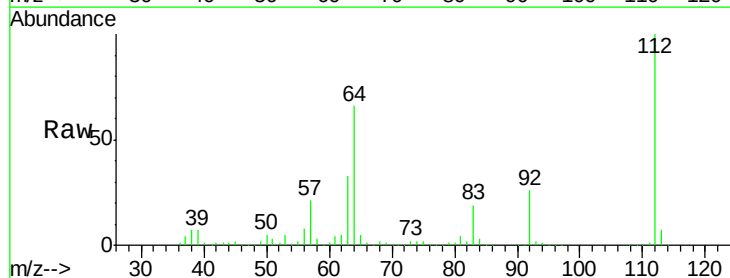
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



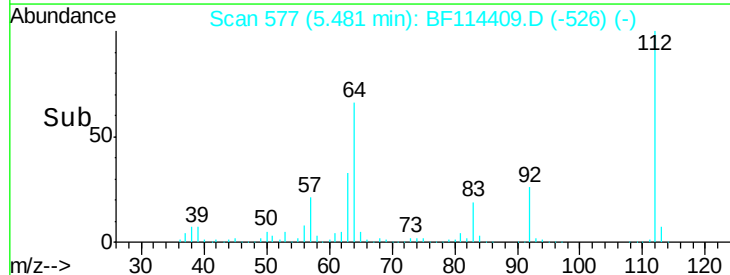
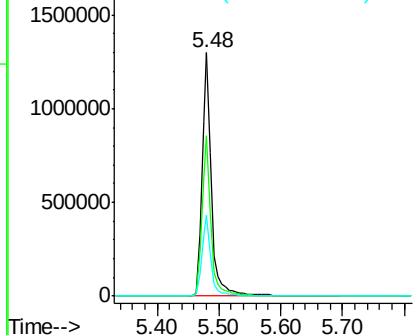
#5

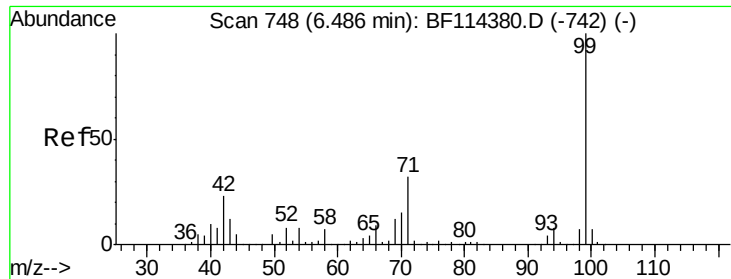
2-Fluorophenol
Concen: 105.095 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Tgt Ion:112 Resp: 1413380
Ion Ratio Lower Upper
112 100
64 65.9 49.0 73.6
63 33.3 24.6 37.0



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: 105.094 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

Instrument :

BNA_F

ClientSampleId :

TP-18-S

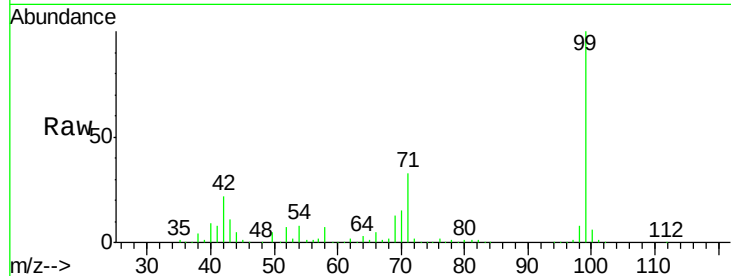
Tgt Ion: 99 Resp: 1671626

Ion Ratio Lower Upper

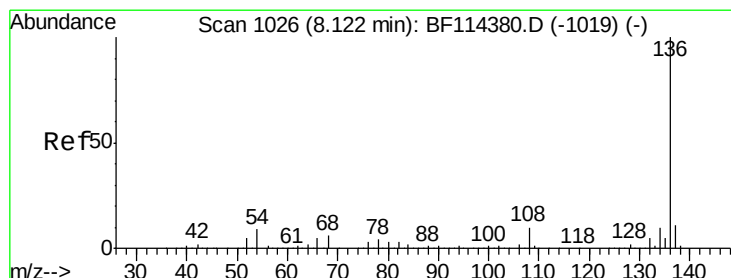
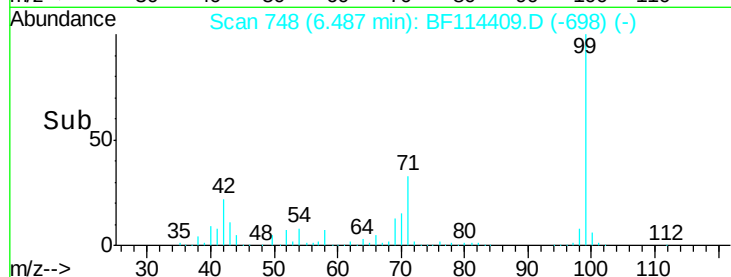
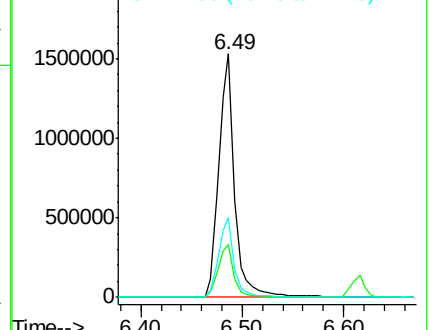
99 100

42 21.7 17.9 26.9

71 32.8 26.2 39.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

Tgt Ion: 136 Resp: 818203

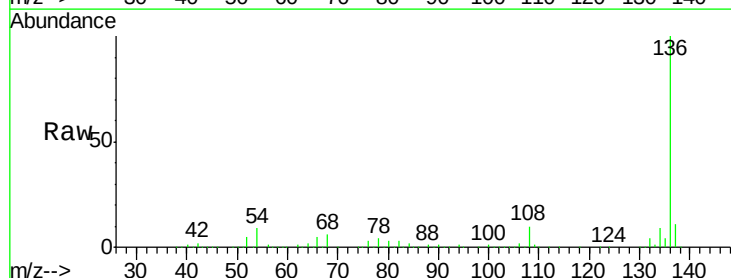
Ion Ratio Lower Upper

136 100

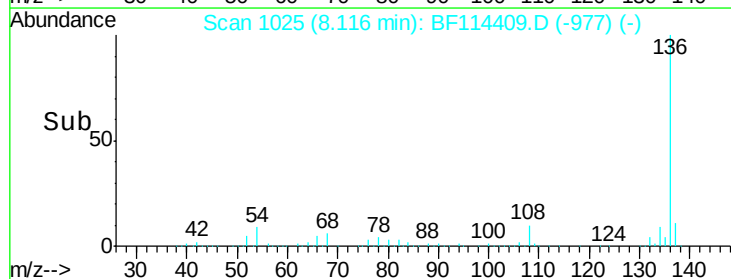
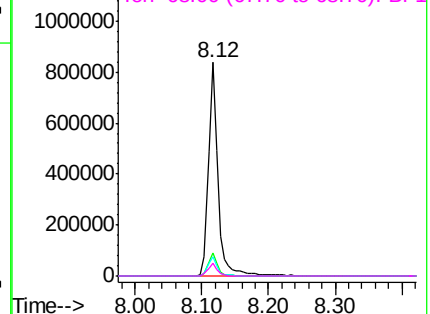
137 11.0 8.8 13.2

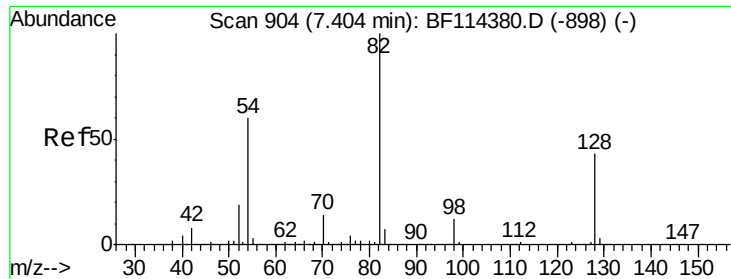
54 9.1 7.8 11.8

68 5.9 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

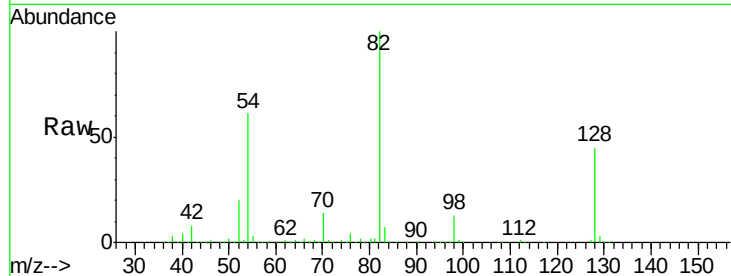




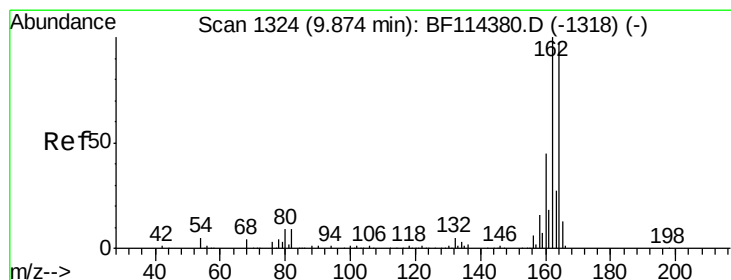
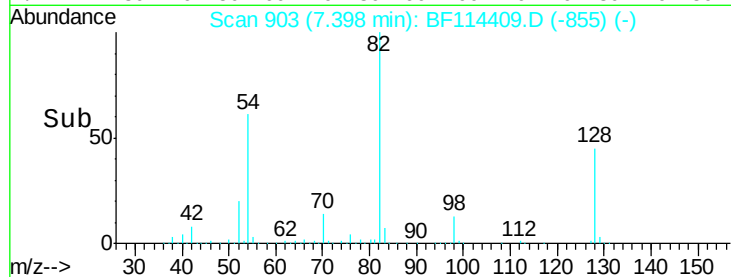
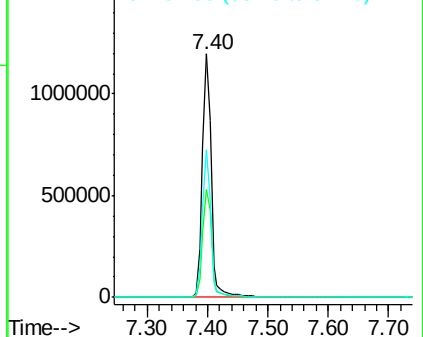
#23
 Nitrobenzene-d5
 Concen: 84.684 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-S

Tgt Ion: 82 Resp: 1234650
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.5 53.3
 54 60.8 48.5 72.7

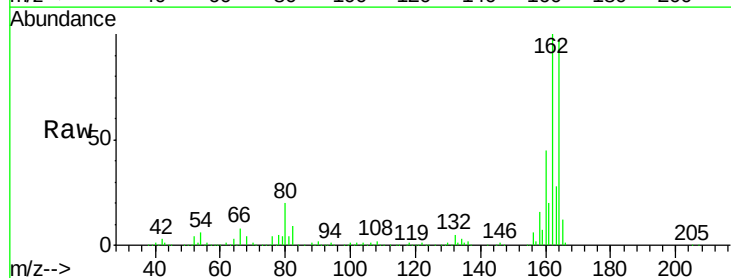


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

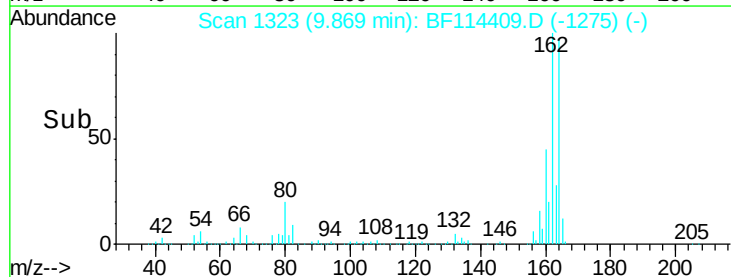
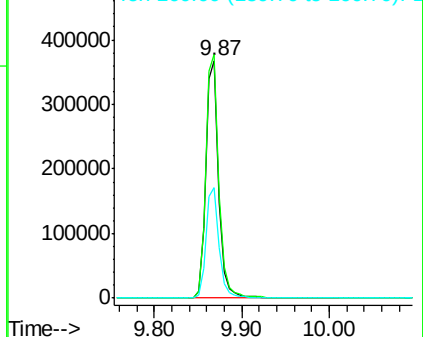


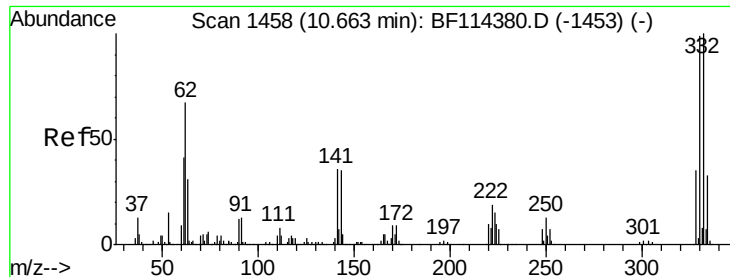
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

Tgt Ion: 164 Resp: 373595
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.6 120.8
 160 46.5 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

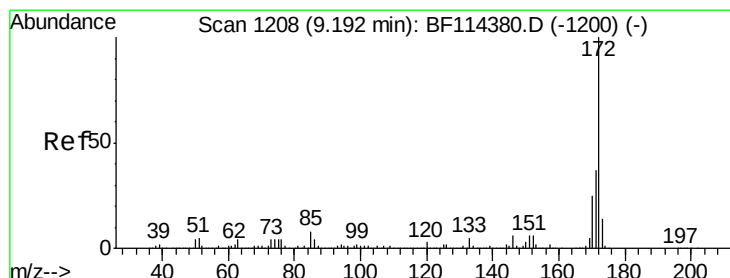
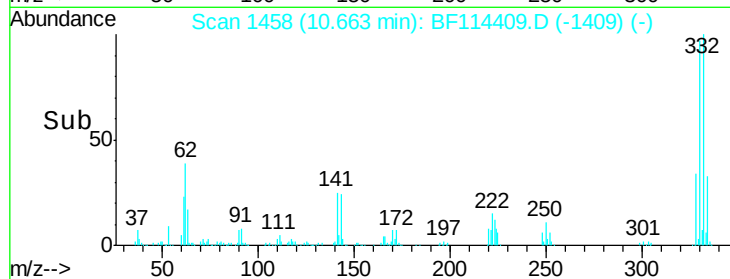
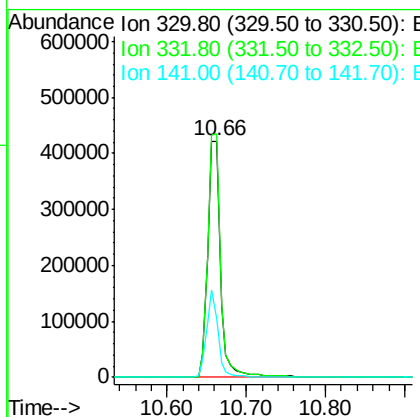
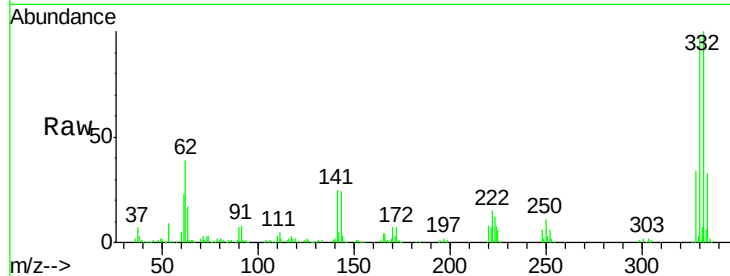




#42
 2,4,6-Tribromophenol
 Concen: 124.533 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

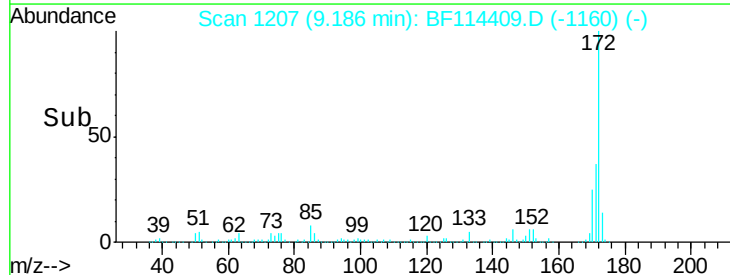
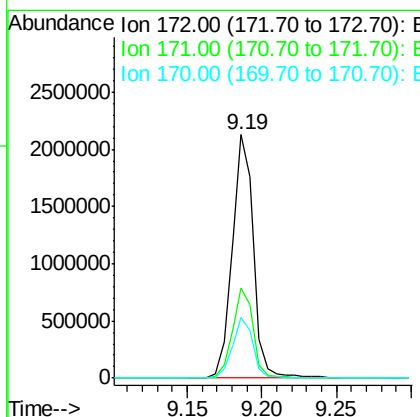
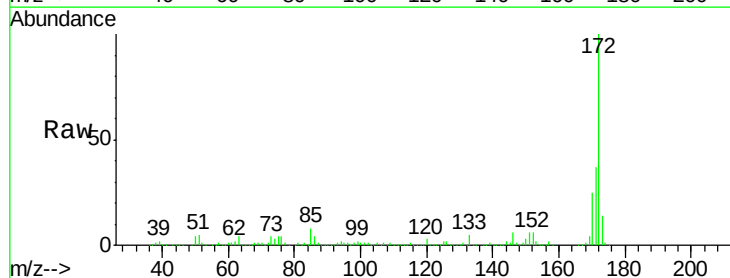
Instrument :
 BNA_F
 ClientSampleId :
 TP-18-S

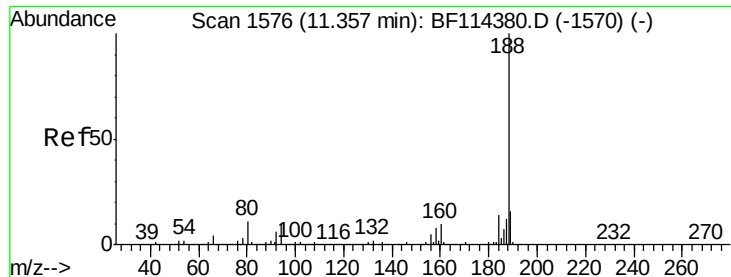
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.3	81.4	122.2
141	33.5	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 86.350 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114409.D
 Acq: 19 May 2019 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.7	20.5	30.7

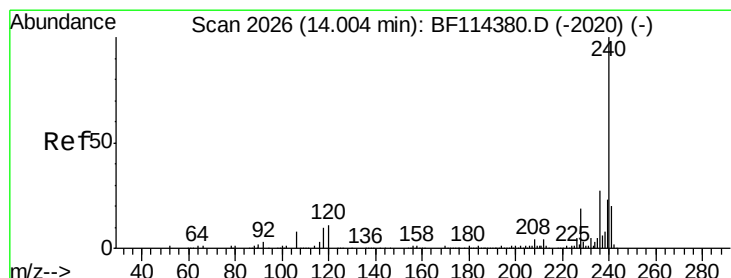
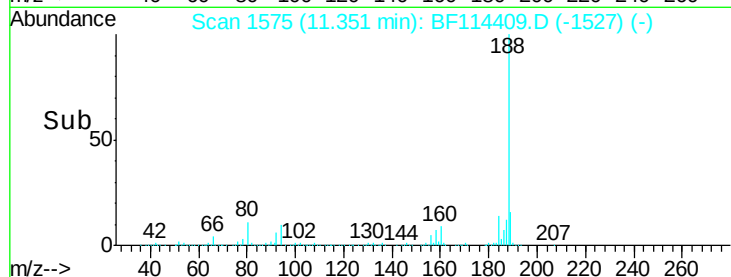
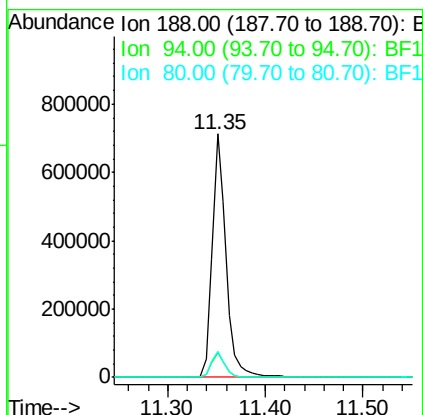
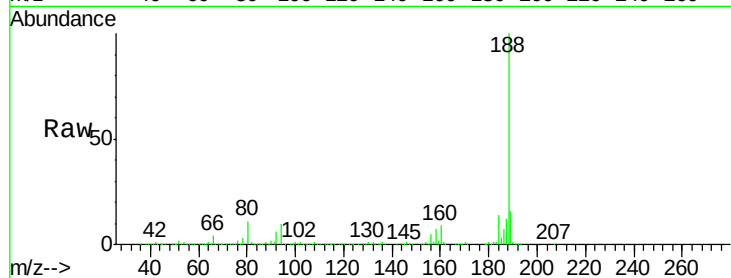




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

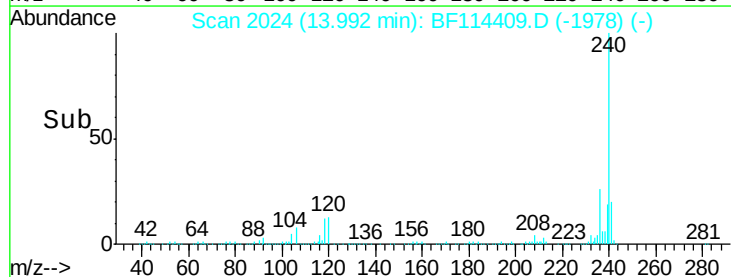
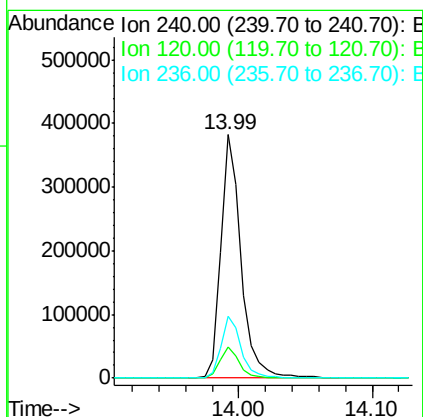
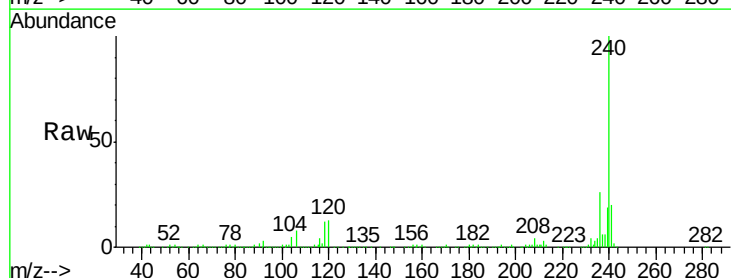
Instrument :
BNA_F
ClientSampled :
TP-18-S

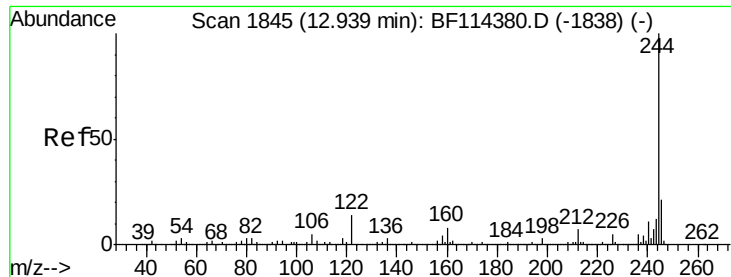
Tgt Ion:188 Resp: 701506
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 10.8 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114409.D
Acq: 19 May 2019 00:33

Tgt Ion:240 Resp: 410265
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 95.802 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

Instrument :

BNA_F

ClientSampleId :

TP-18-S

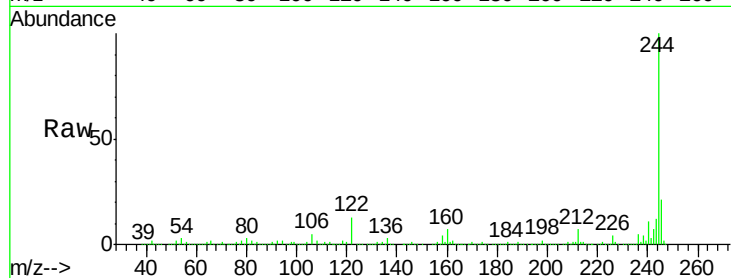
Tgt Ion:244 Resp: 1906641

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

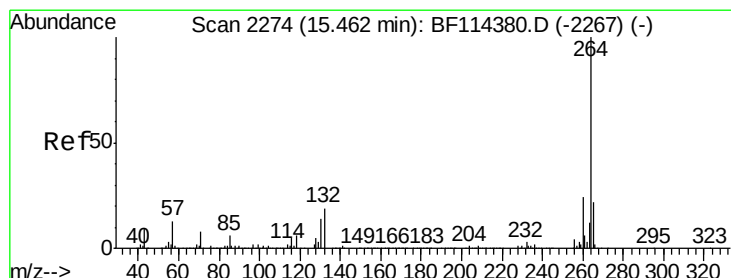
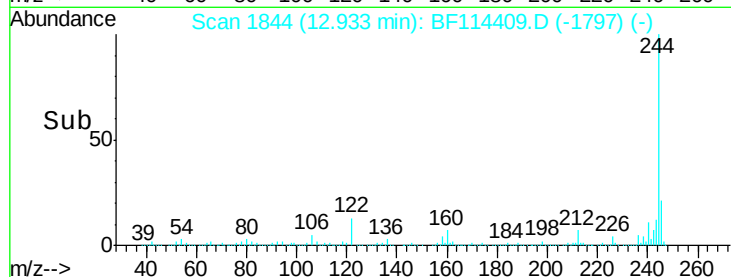
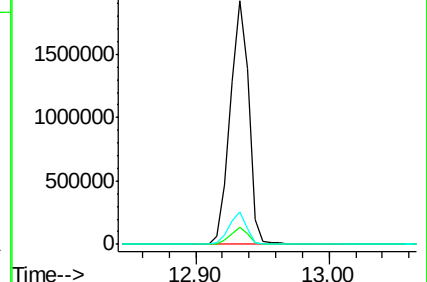
122 13.2 9.4 14.2



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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114409.D

Acq: 19 May 2019 00:33

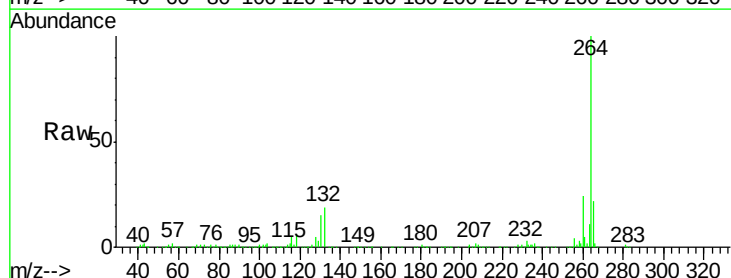
Tgt Ion:264 Resp: 478792

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.1 16.9 25.3



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

