

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114413.D
 Acq On : 19 May 2019 2:19
 Operator : JU/SJ
 Sample : K2643-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-A

Quant Time: May 20 08:17:52 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	6.83	152	220710	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	828052	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	369294	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	666053	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	476763	20.00	ng	-0.03
87) Perylene-d12	15.46	264	514023	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1389530	101.31	ng	0.00
7) Phenol-d6	6.49	99	1696563	104.59	ng	0.00
23) Nitrobenzene-d5	7.40	82	1174956	79.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	452453	118.51	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1903508	77.97	ng	-0.02
79) Terphenyl-d14	12.93	244	1934718	83.65	ng	-0.02

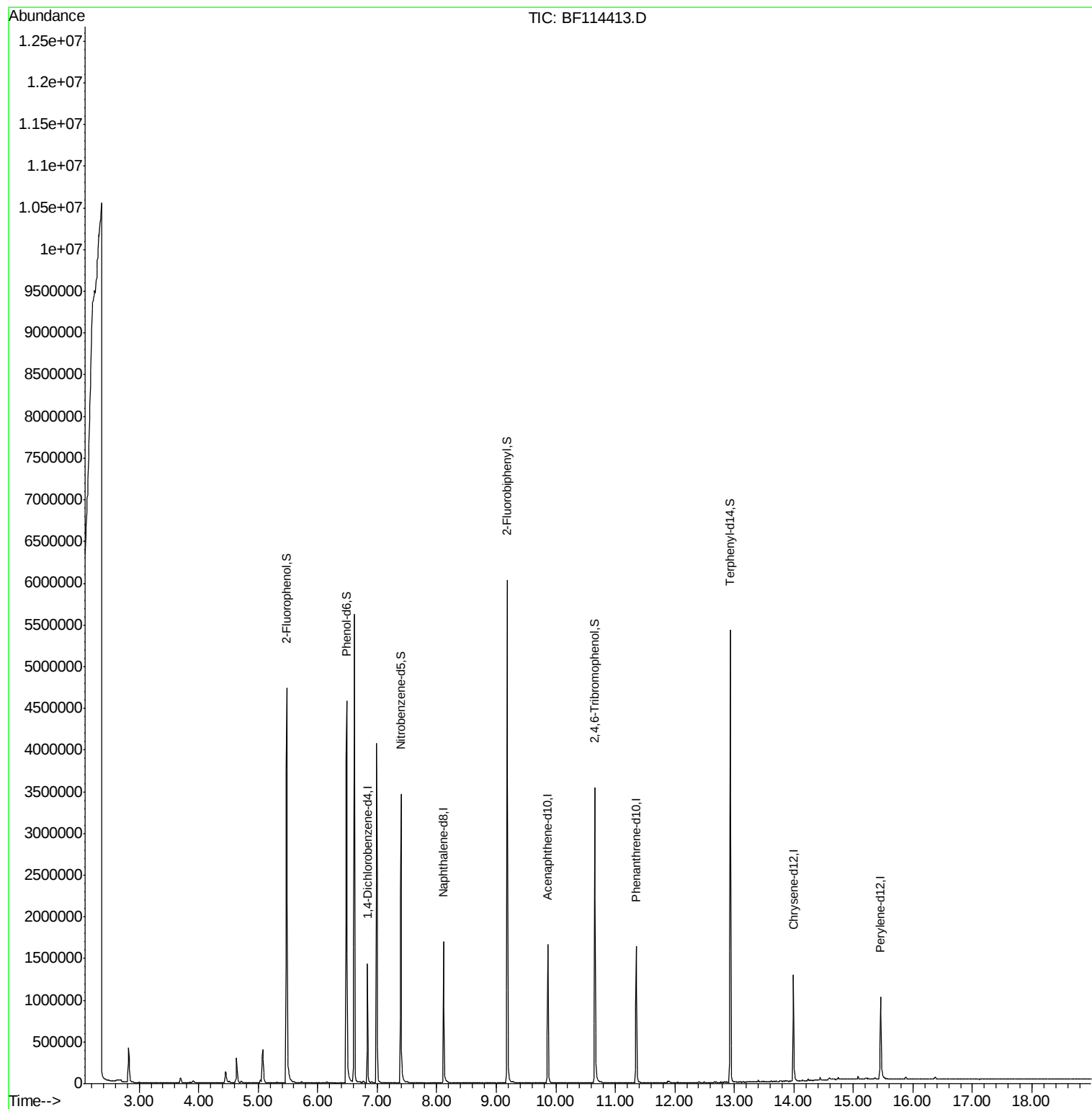
Target Compounds	Qvalue
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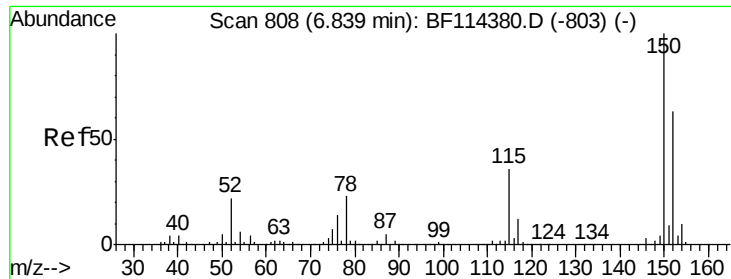
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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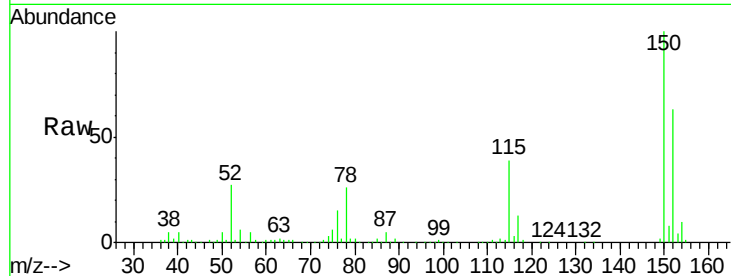


#1

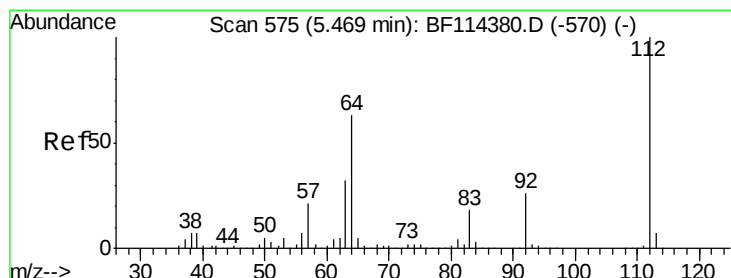
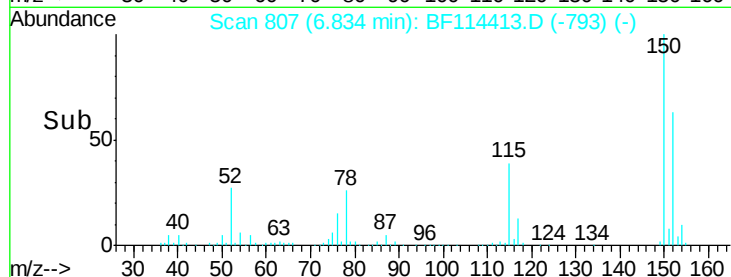
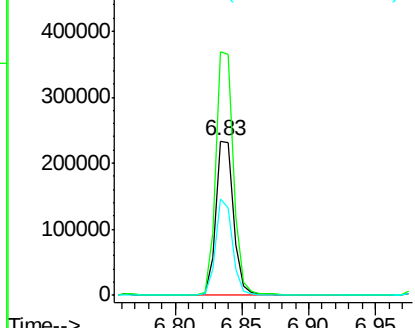
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114413.D
Acq: 19 May 2019 2:19

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-A

Tgt Ion:152 Resp: 220710
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 62.1 49.1 73.7



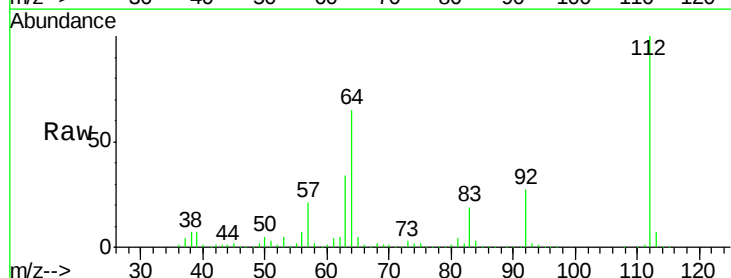
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



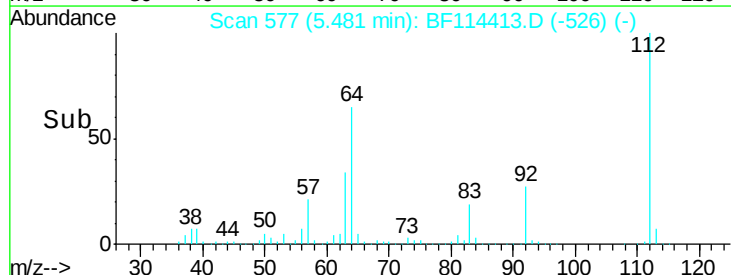
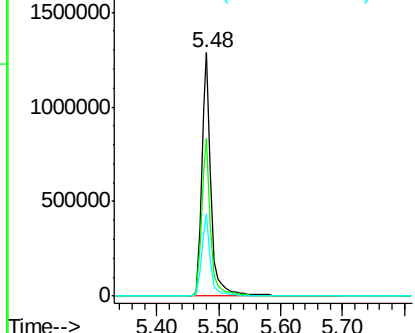
#5

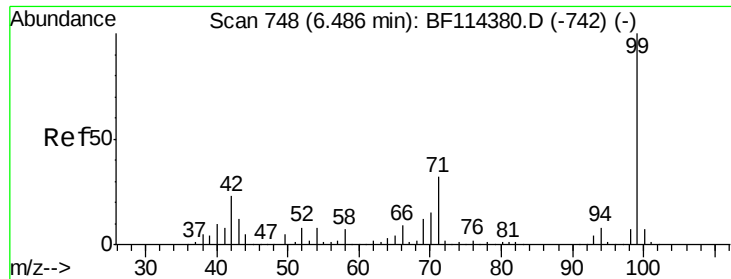
2-Fluorophenol
Concen: 101.315 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114413.D
Acq: 19 May 2019 2:19

Tgt Ion:112 Resp: 1389530
Ion Ratio Lower Upper
112 100
64 64.8 49.0 73.6
63 33.6 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: 104.590 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114413.D

Acq: 19 May 2019 2:19

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-A

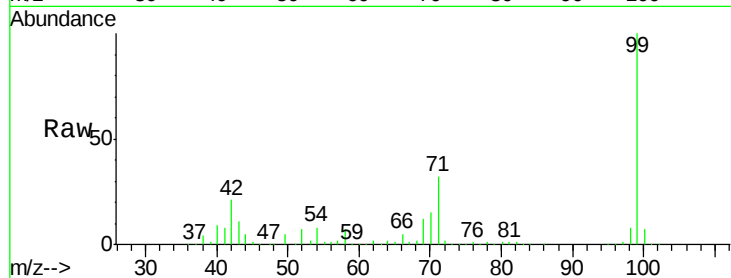
Tgt Ion: 99 Resp: 1696563

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

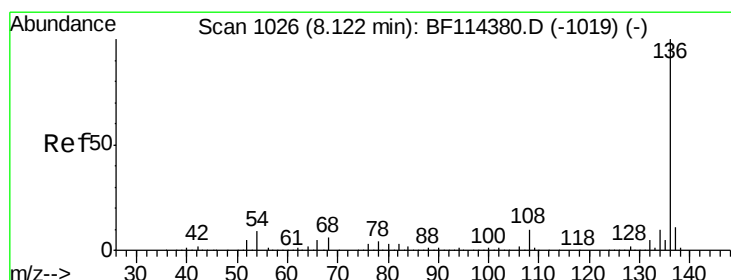
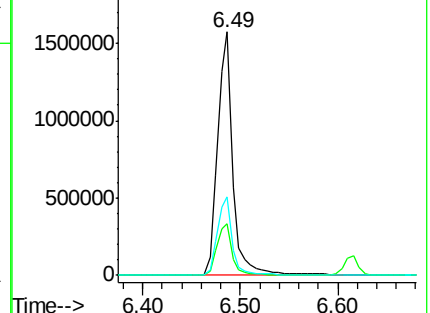
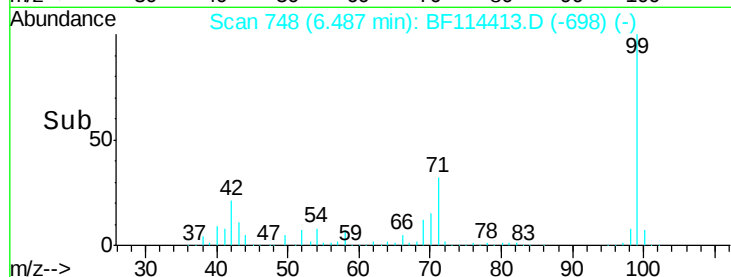
71 32.4 26.2 39.2



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: BF114413.D

Acq: 19 May 2019 2:19

Tgt Ion: 136 Resp: 828052

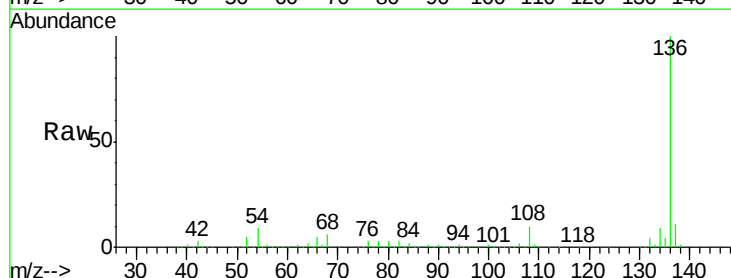
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.2 7.8 11.8

68 6.3 5.1 7.7

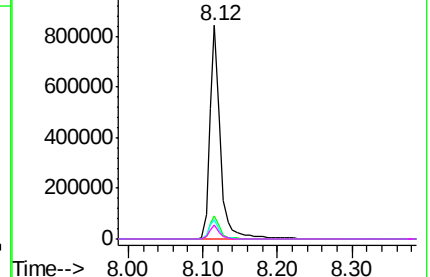
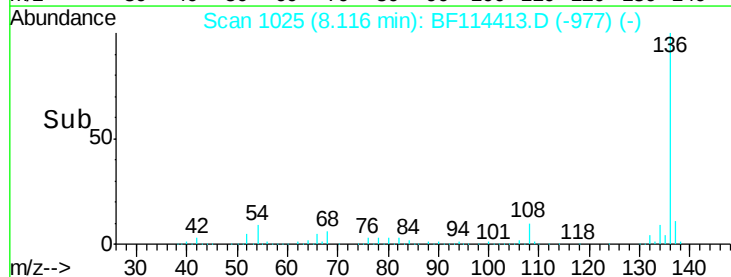


Abundance Ion 136.00 (135.70 to 136.70): E

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

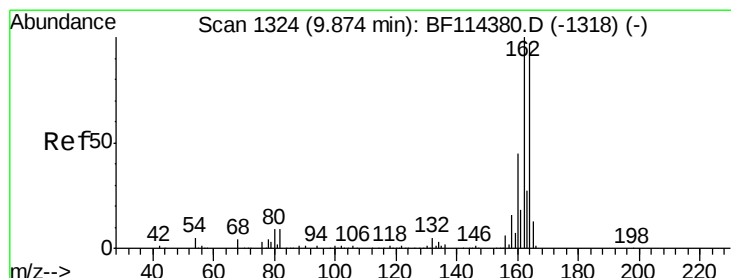
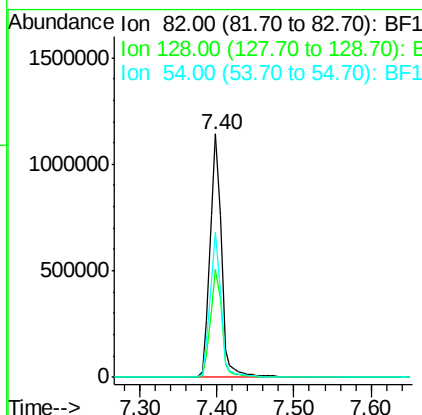
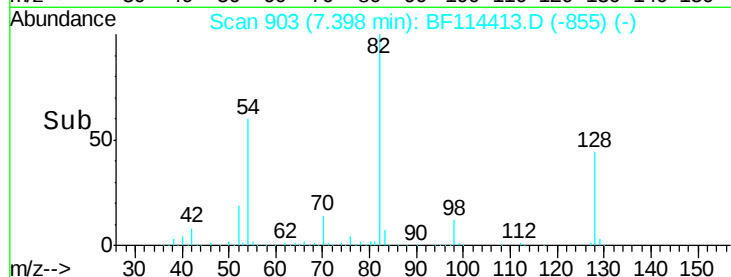
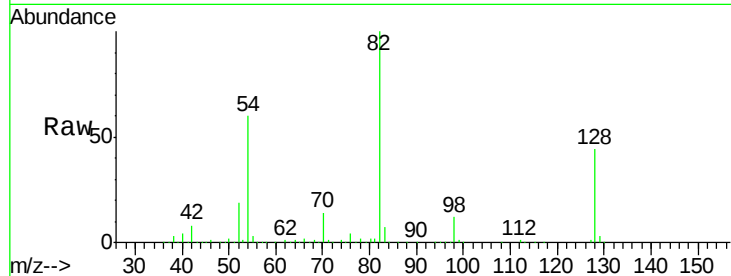




#23
Nitrobenzene-d5
Concen: 79.631 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114413.D
Acq: 19 May 2019 2:19

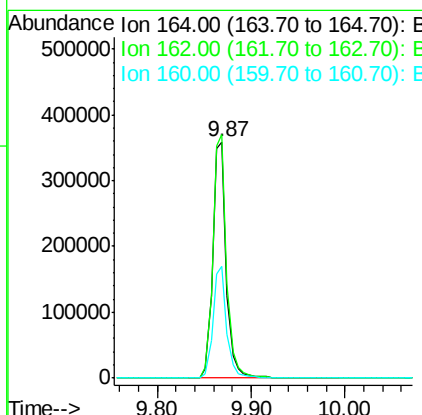
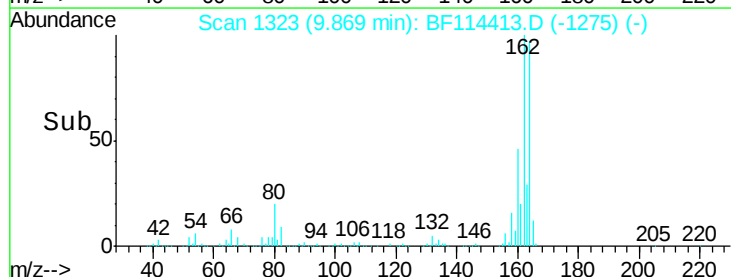
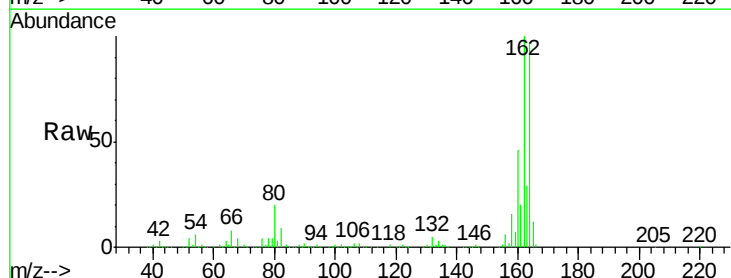
Instrument :
BNA_F
ClientSampleId :
OR-02-051619-A

Tgt Ion: 82 Resp: 1174956
Ion Ratio Lower Upper
82 100
128 44.2 35.5 53.3
54 59.6 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114413.D
Acq: 19 May 2019 2:19

Tgt Ion: 164 Resp: 369294
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 47.6 36.5 54.7

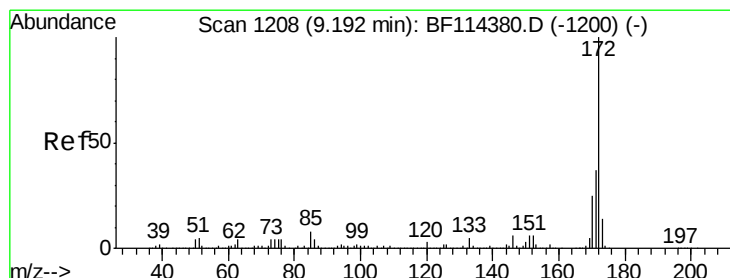
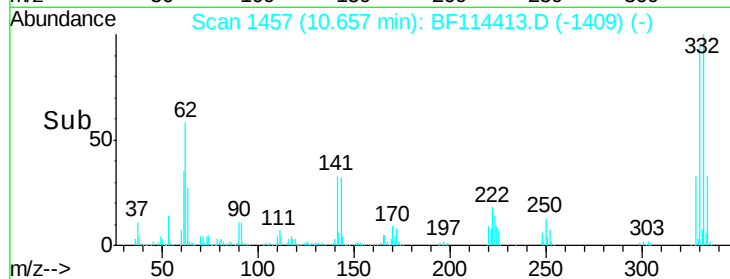
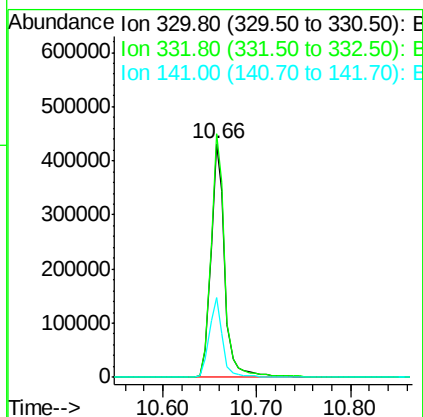
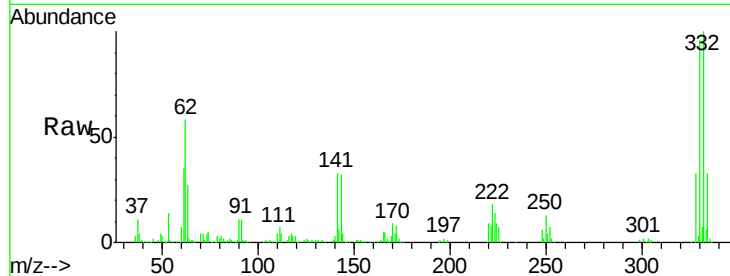




#42
 2,4,6-Tribromophenol
 Concen: 118.509 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114413.D
 Acq: 19 May 2019 2:19

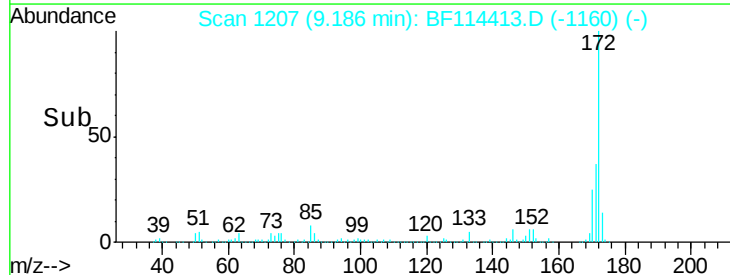
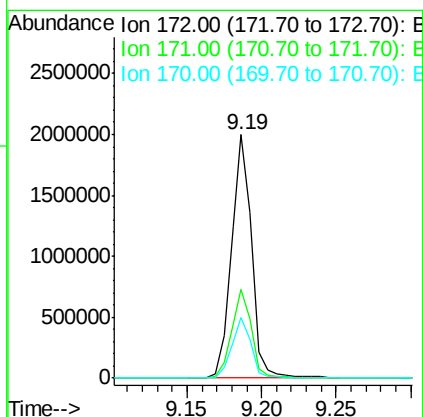
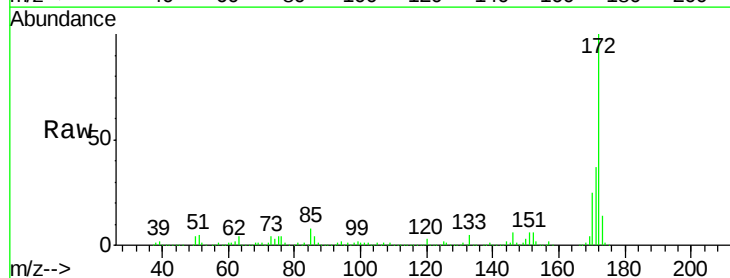
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-A

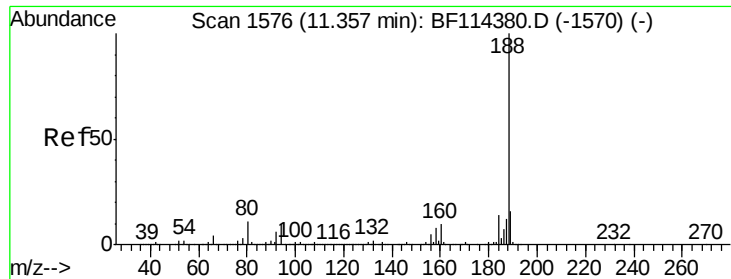
Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.8	81.4	122.2
141	33.1	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 77.970 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114413.D
 Acq: 19 May 2019 2:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.9	20.5	30.7

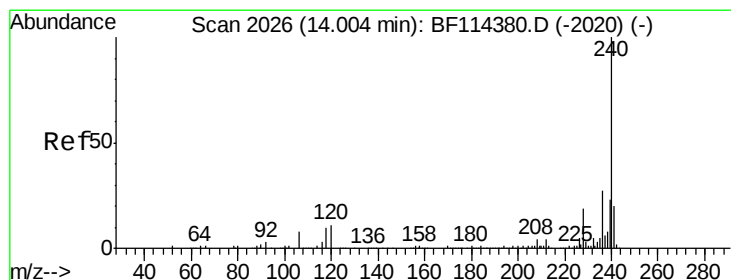
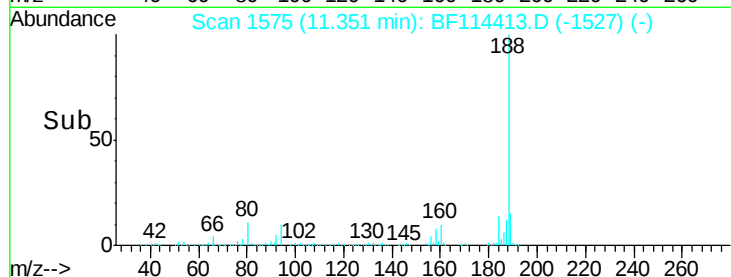
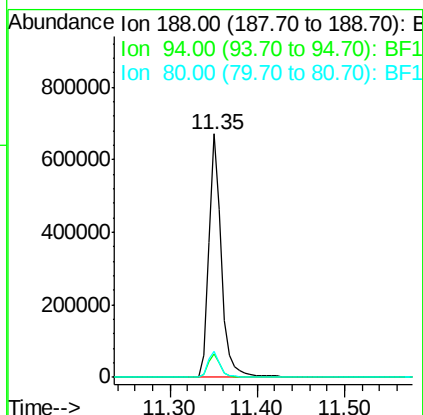
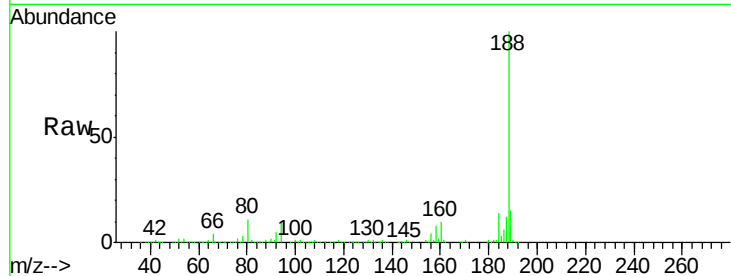




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114413.D
Acq: 19 May 2019 2:19

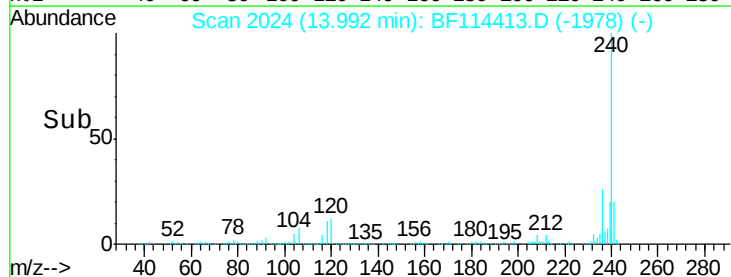
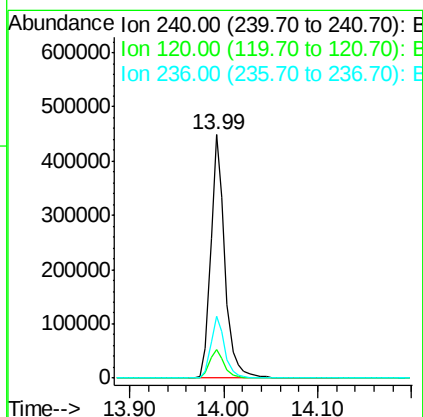
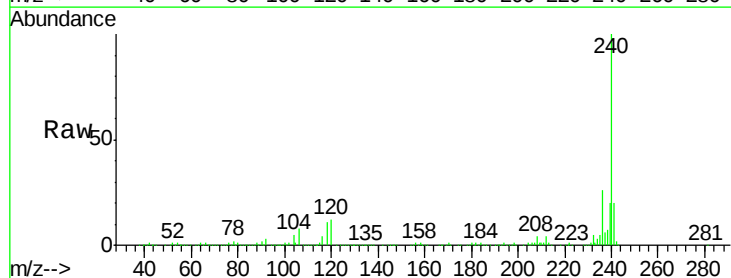
Instrument :
BNA_F
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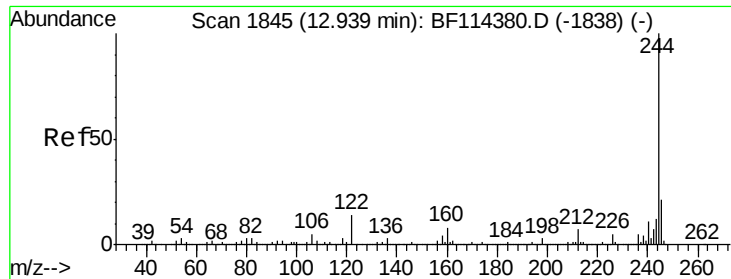
Tgt Ion:188 Resp: 666053
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114413.D
Acq: 19 May 2019 2:19

Tgt Ion:240 Resp: 476763
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 83.654 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114413.D

Acq: 19 May 2019 2:19

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-A

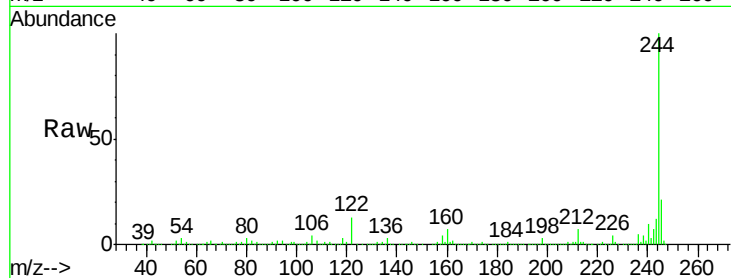
Tgt Ion:244 Resp: 1934718

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

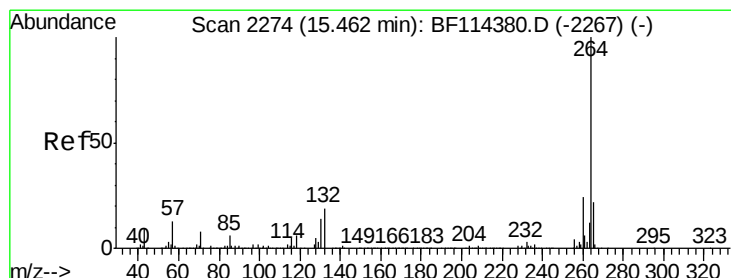
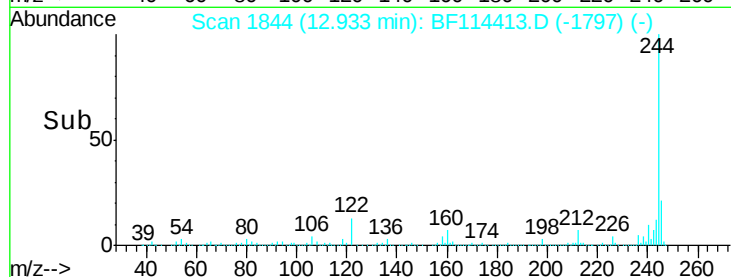
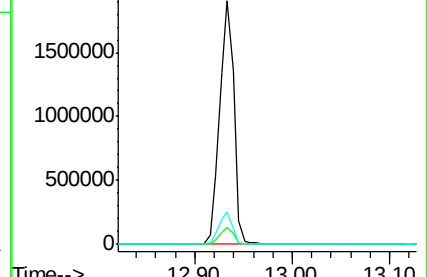
122 13.1 9.4 14.2



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: BF114413.D

Acq: 19 May 2019 2:19

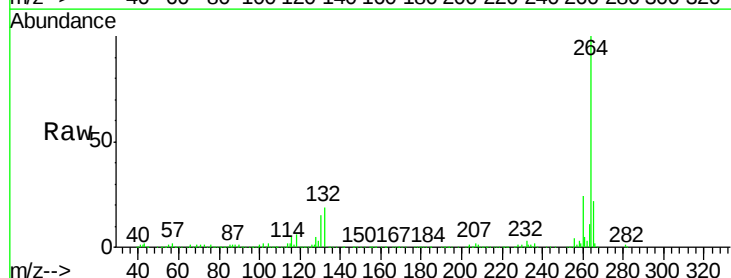
Tgt Ion:264 Resp: 514023

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.8 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

