

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
 Data File : BF112428.D
 Acq On : 6 Feb 2019 18:59
 Operator : JU/SJ
 Sample : K1356-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-020519-B

Quant Time: Feb 07 00:41:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	153961	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	593074	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	272718	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	436794	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	319022	20.00	ng	0.00
87) Perylene-d12	15.47	264	302883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	901094	124.32	ng	0.00
7) Phenol-d6	6.49	99	1003721	99.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	788073	76.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	332753	104.83	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1567970	81.32	ng	-0.02
79) Terphenyl-d14	12.94	244	1217312	71.87	ng	-0.01

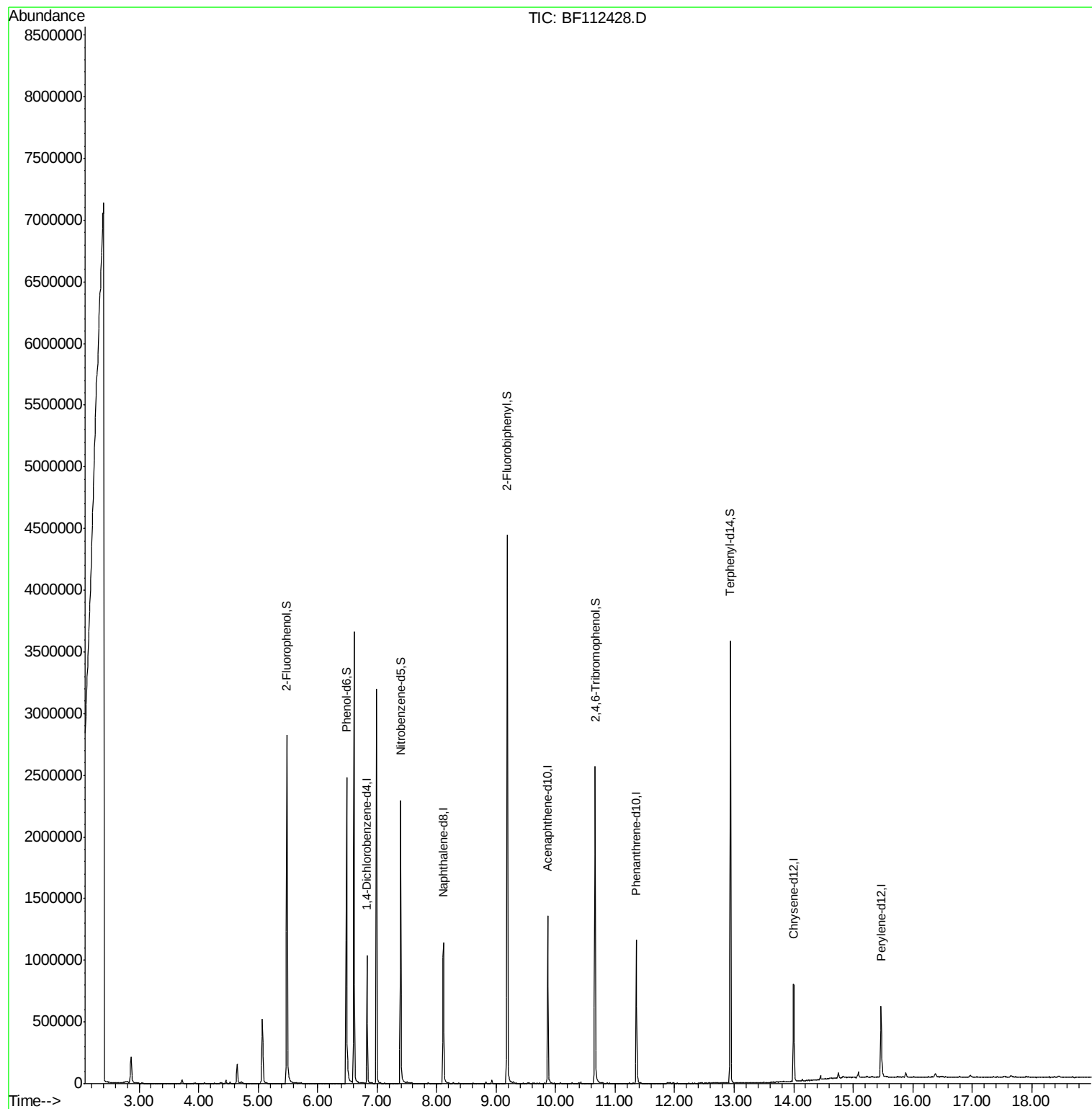
Target Compounds Qvalue

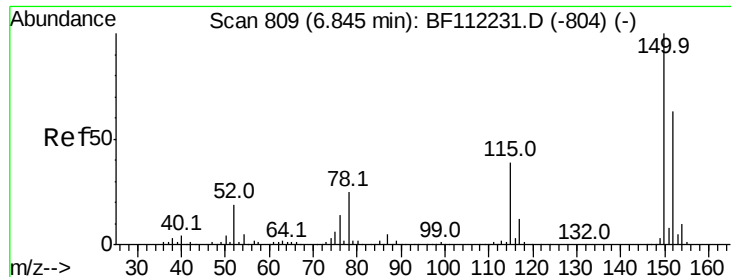
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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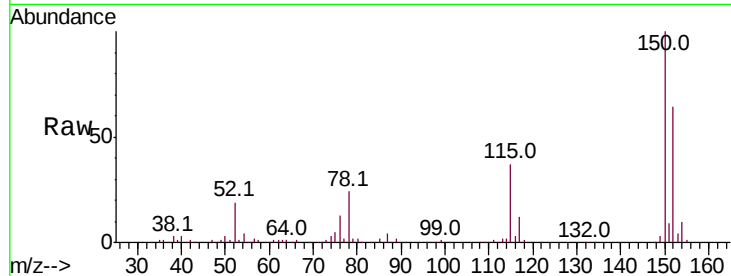


#1

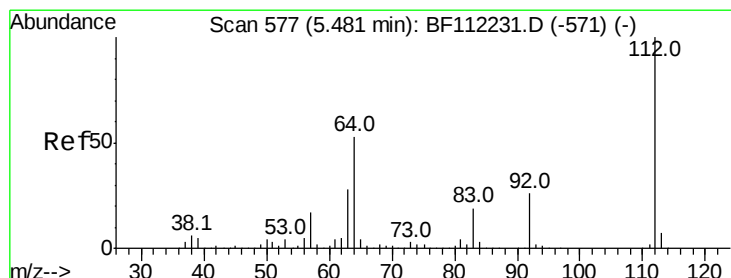
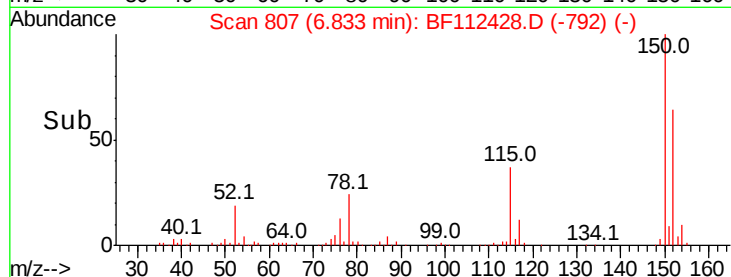
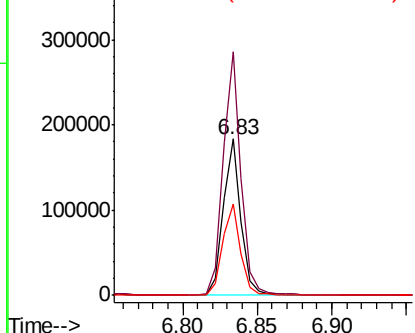
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tot Ion:152 Resp: 153961
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 58.3 45.5 68.3



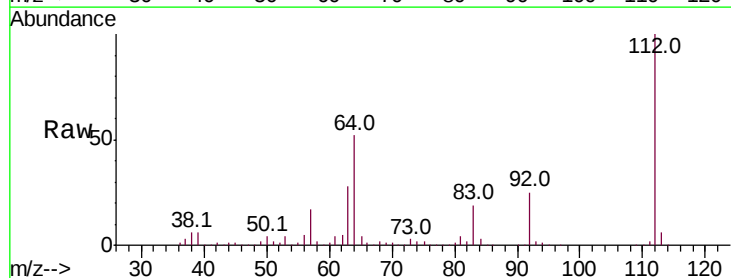
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



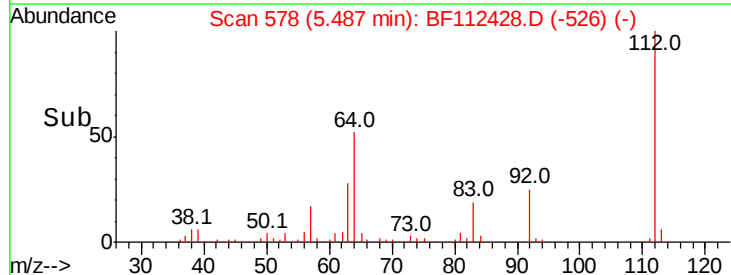
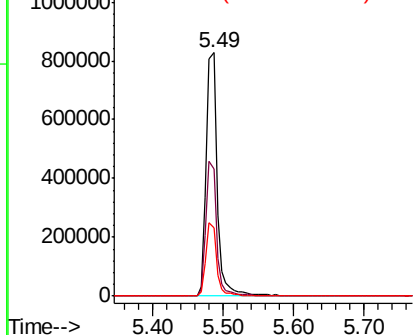
#5

2-Fluorophenol
Concen: 124.316 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Tgt Ion:112 Resp: 901094
Ion Ratio Lower Upper
112 100
64 52.4 45.7 68.5
63 27.9 23.6 35.4



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: 99.654 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SU-01-020519-B

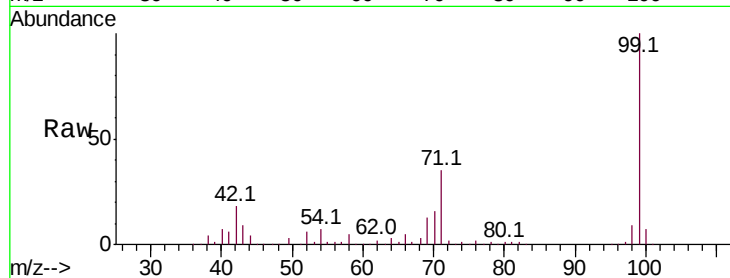
Tot Ion: 99 Resp: 1003721

Ion Ratio Lower Upper

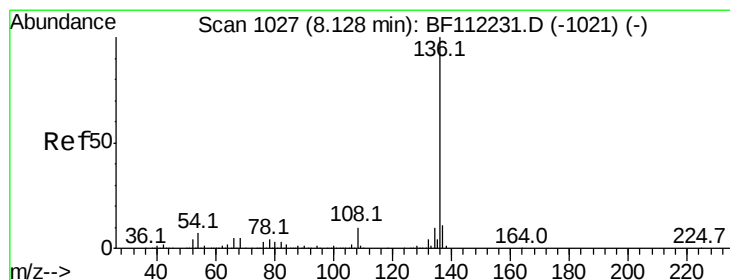
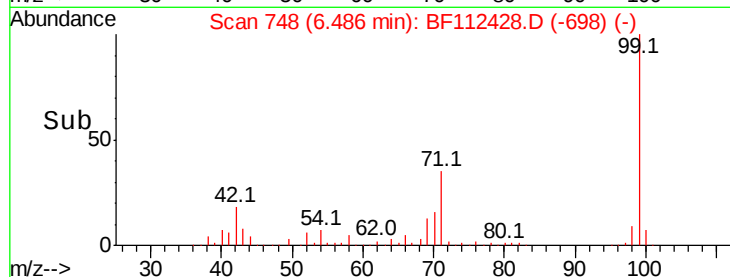
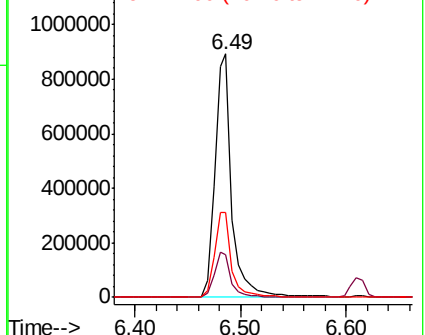
99 100

42 17.6 15.1 22.7

71 34.9 26.9 40.3



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. -0.01 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Tgt Ion: 136 Resp: 593074

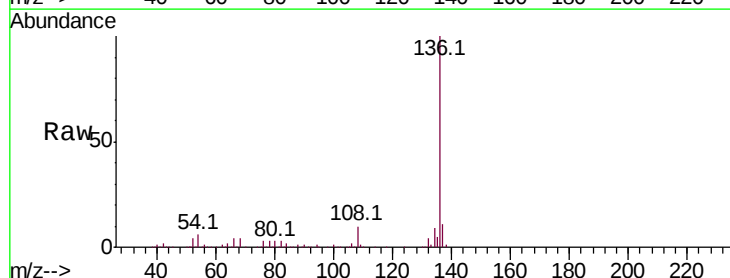
Ion Ratio Lower Upper

136 100

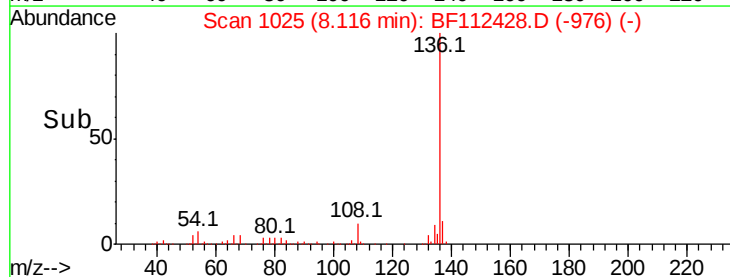
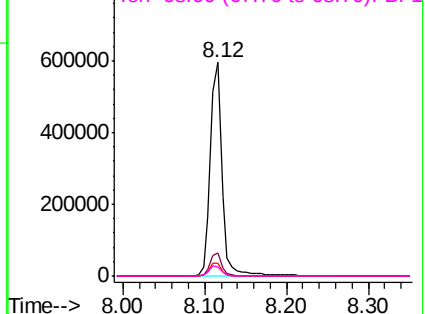
137 10.6 9.1 13.7

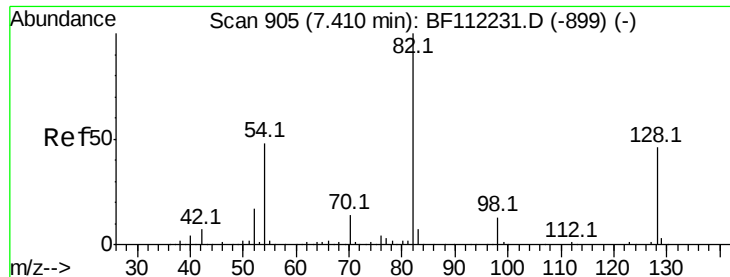
54 5.8 5.9 8.9#

68 4.4 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

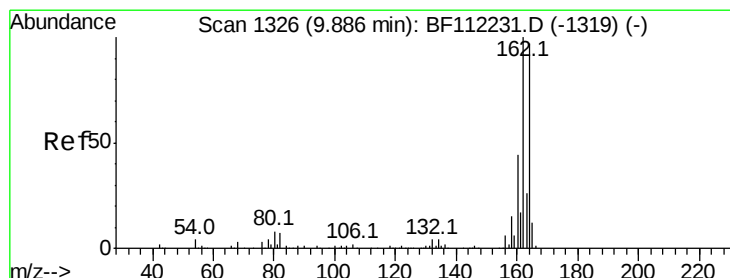
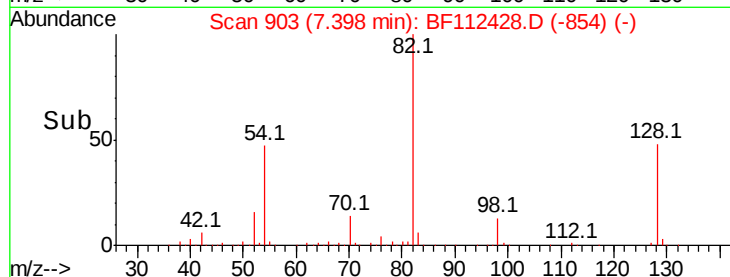
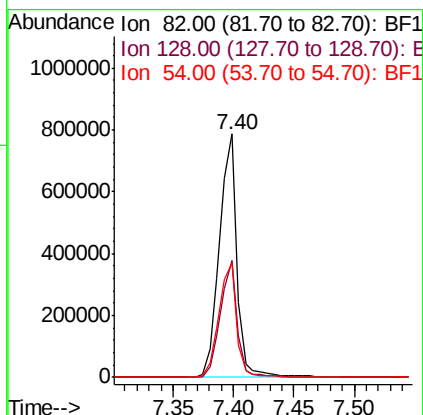
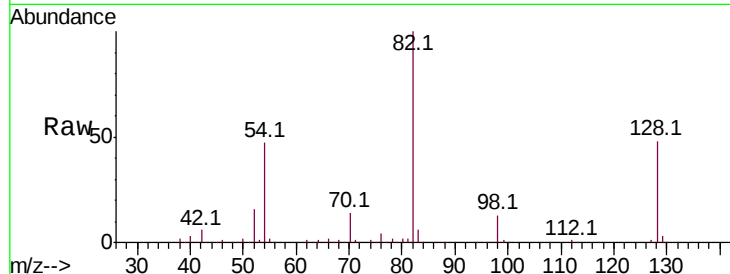




#23
 Nitrobenzene-d5
 Concen: 76.565 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112428.D
 Acq: 6 Feb 2019 18:59

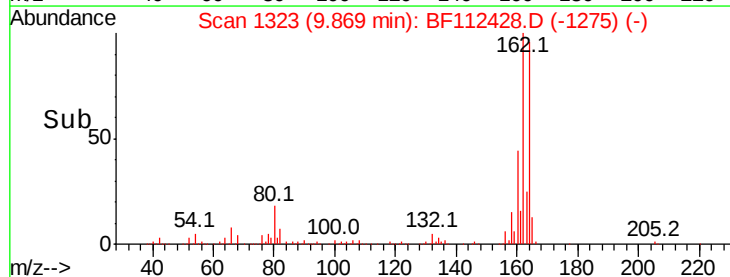
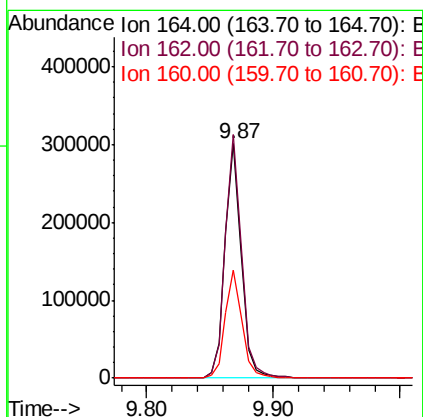
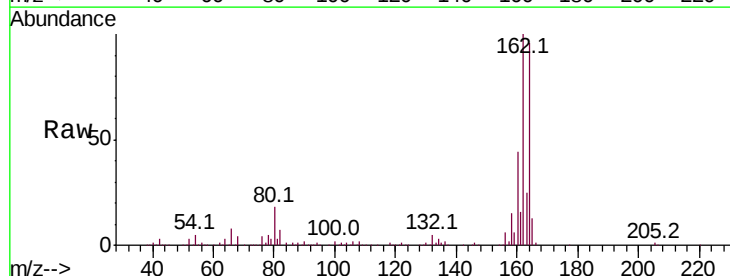
Instrument :
 BNA_F
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 SU-01-020519-B

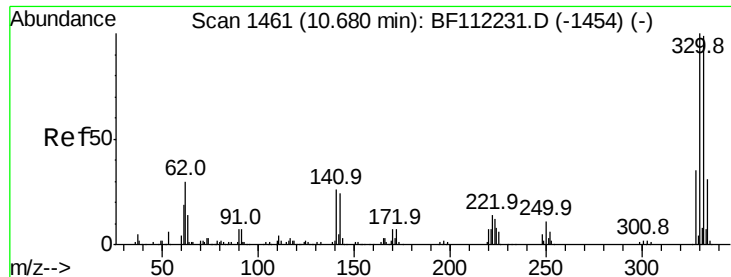
Tot Ion	82	Resp	788073
Ion Ratio	100	Lower	Upper
128	47.9	37.8	56.8
54	47.0	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112428.D
 Acq: 6 Feb 2019 18:59

Tgt Ion	164	Resp	272718
Ion Ratio	100	Lower	Upper
162	103.8	82.2	123.4
160	46.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 104.825 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SU-01-020519-B

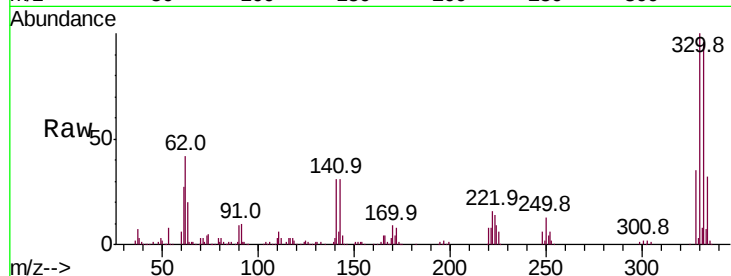
Tot Ion:330 Resp: 332753

Ion Ratio Lower Upper

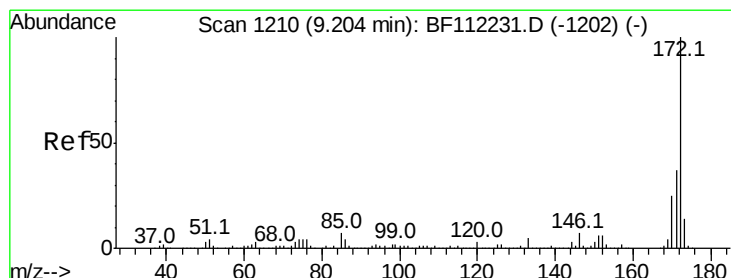
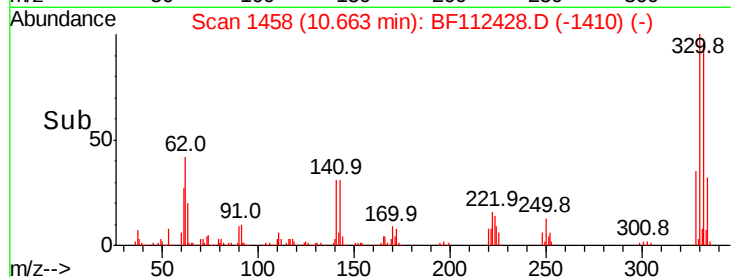
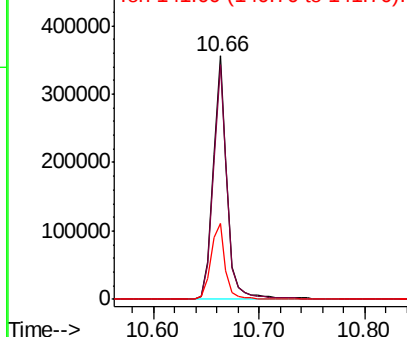
330 100

332 97.1 76.6 114.8

141 32.3 24.3 36.5



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: 81.316 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

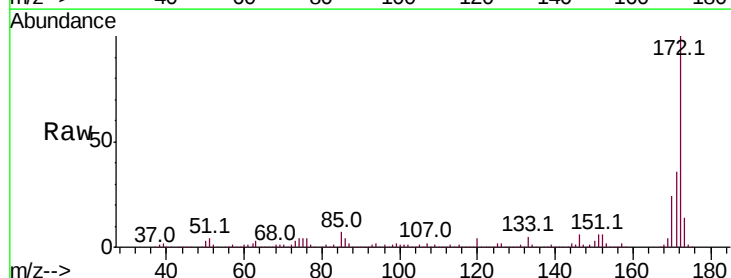
Tgt Ion:172 Resp: 1567970

Ion Ratio Lower Upper

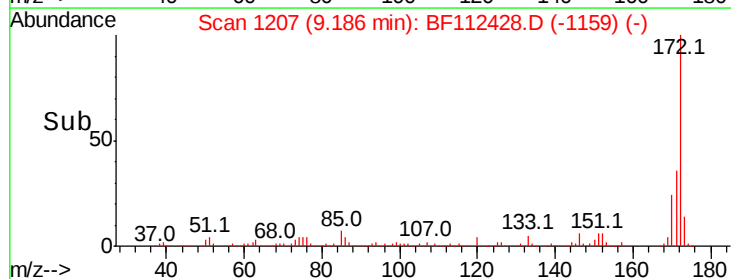
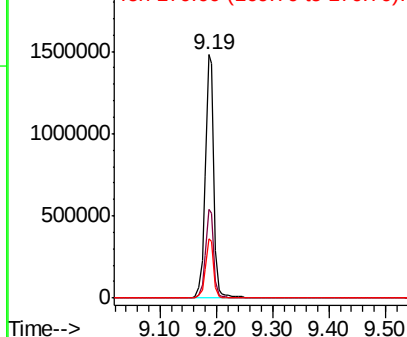
172 100

171 36.5 30.5 45.7

170 24.1 20.2 30.4



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

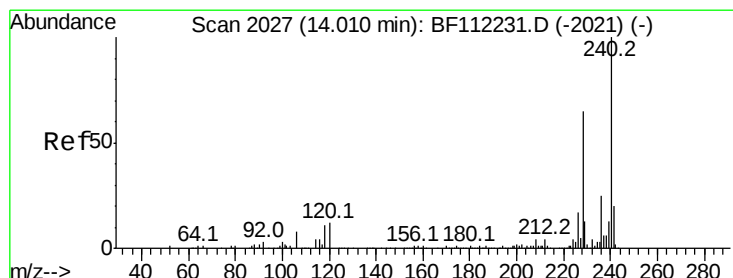
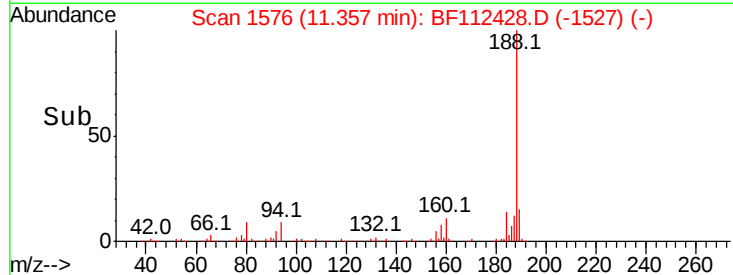
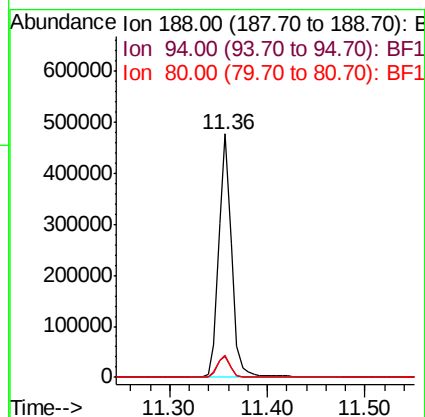
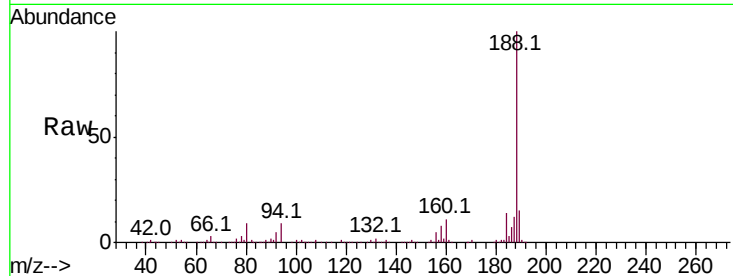




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

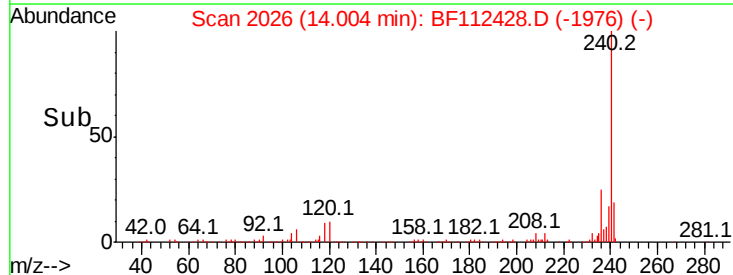
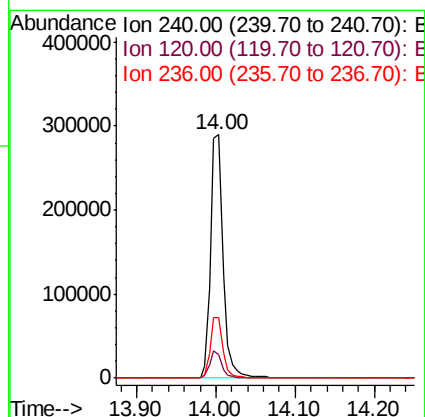
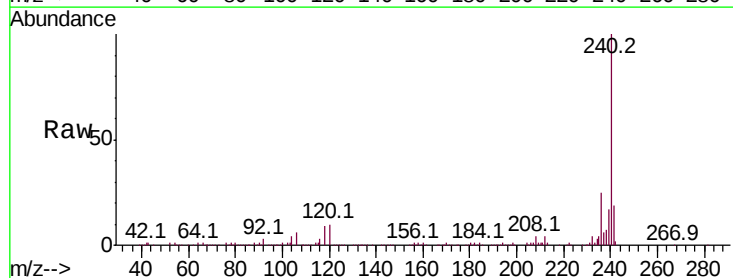
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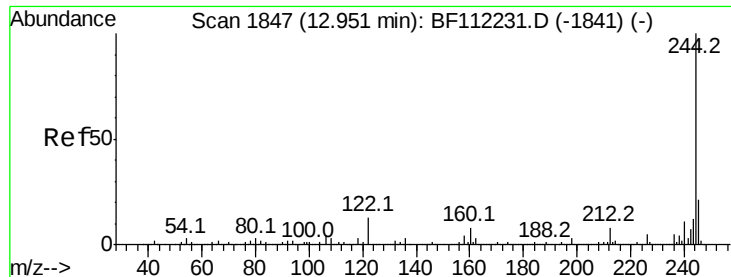
Tot Ion:188 Resp: 436794
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Tgt Ion:240 Resp: 319022
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 71.868 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SU-01-020519-B

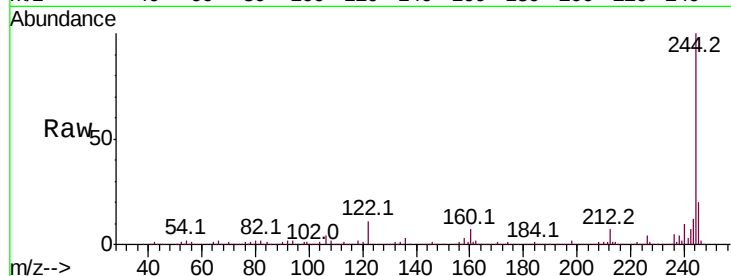
Tot Ion:244 Resp: 1217312

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

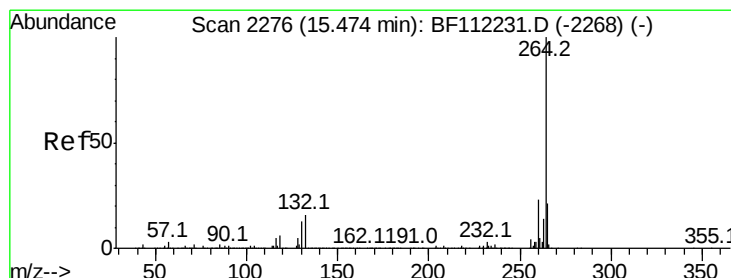
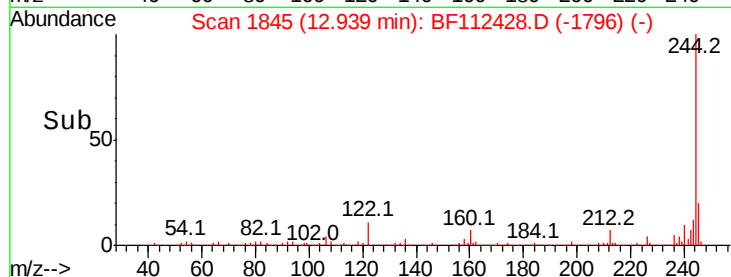
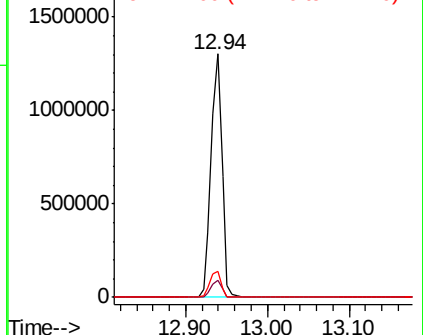
122 10.9 9.8 14.6



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: BF112428.D

Acq: 6 Feb 2019 18:59

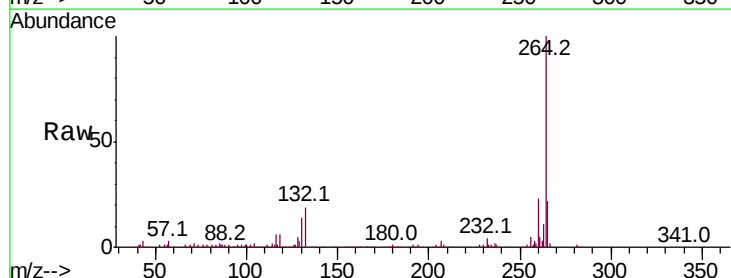
Tgt Ion:264 Resp: 302883

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.4 17.0 25.4



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

