

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112534.D
 Acq On : 13 Feb 2019 13:00
 Operator : JU/SJ
 Sample : K1343-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-A

Quant Time: Feb 14 04:08:40 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

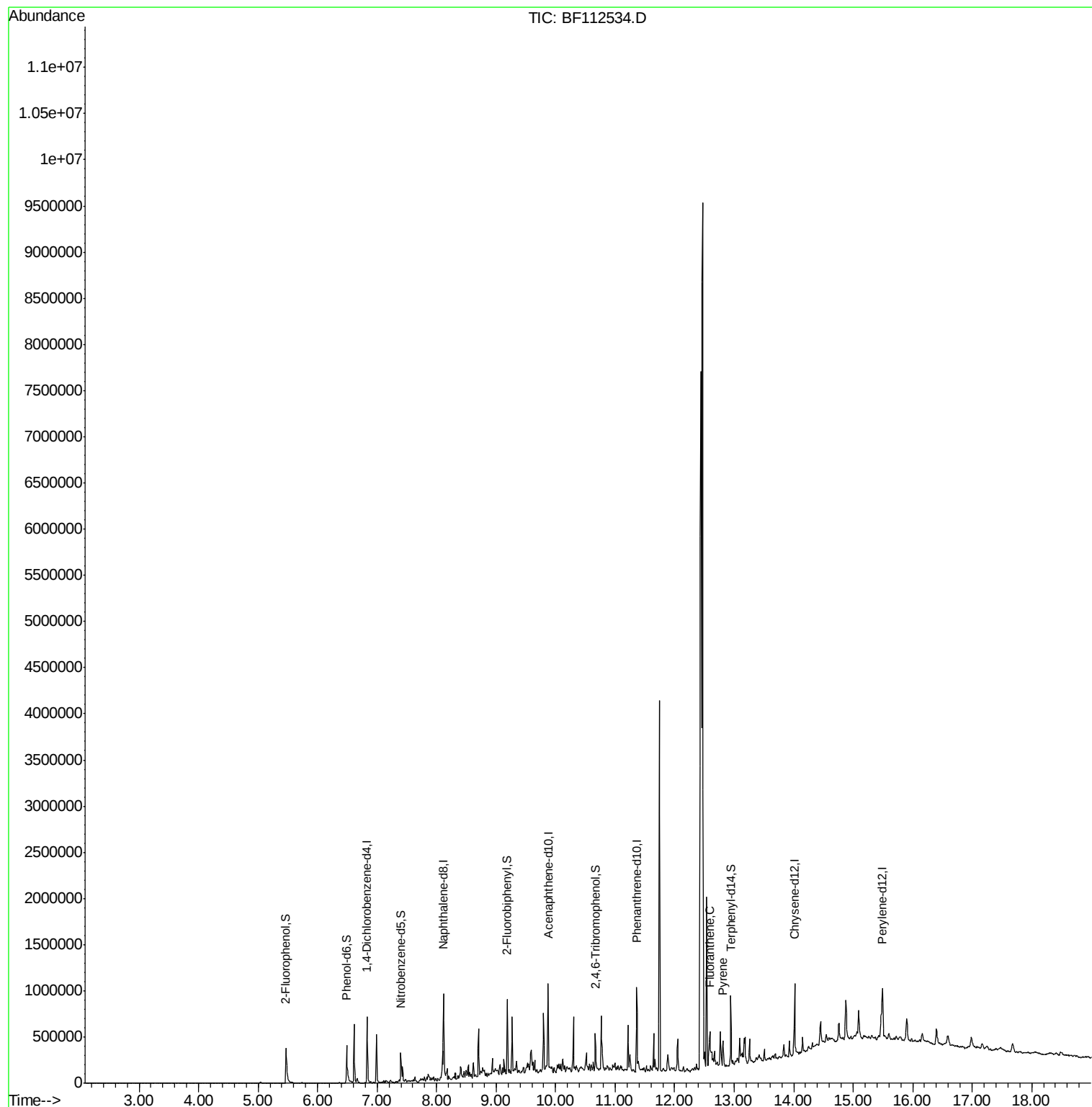
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	107581	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	415867	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	187104	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	324288	20.00	ng	0.00
76) Chrysene-d12	14.02	240	264398	20.00	ng	0.00
87) Perylene-d12	15.49	264	261754	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	160876	31.76	ng	-0.01
7) Phenol-d6	6.49	99	205096	29.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	124994	17.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	53776	24.69	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	259327	19.60	ng	-0.02
79) Terphenyl-d14	12.94	244	230349	16.41	ng	0.00
Target Compounds						
75) Fluoranthene	12.59	202	39250	2.171	ng	97
78) Pyrene	12.82	202	37436	2.045	ng	99

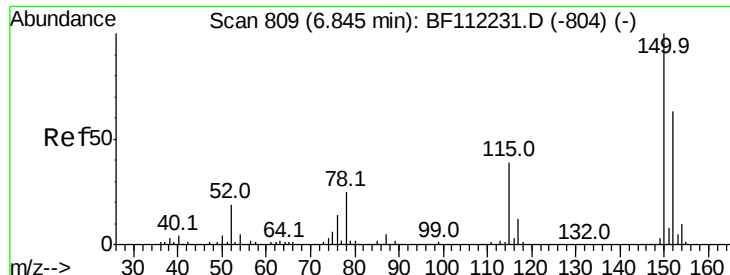
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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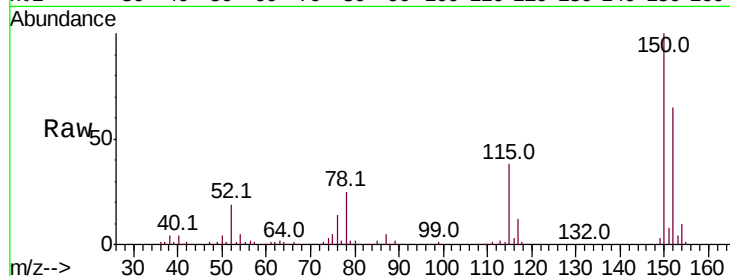


#1

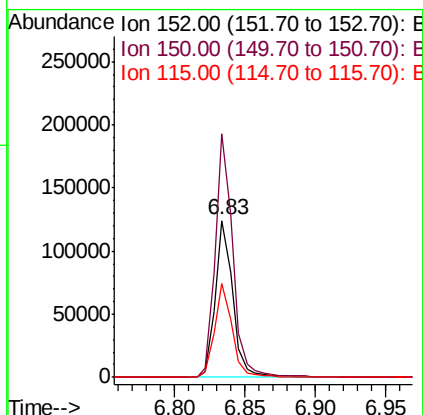
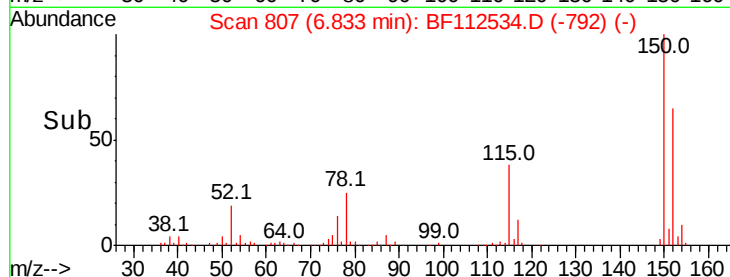
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112534.D
Acq: 13 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-A

Tot Ion:152 Resp: 107581
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 59.4 45.5 68.3



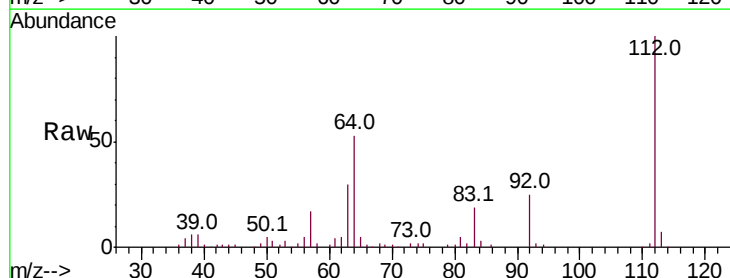
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



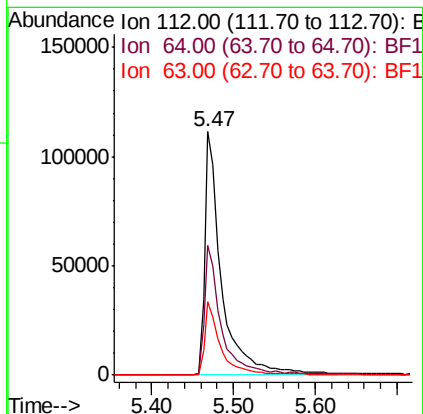
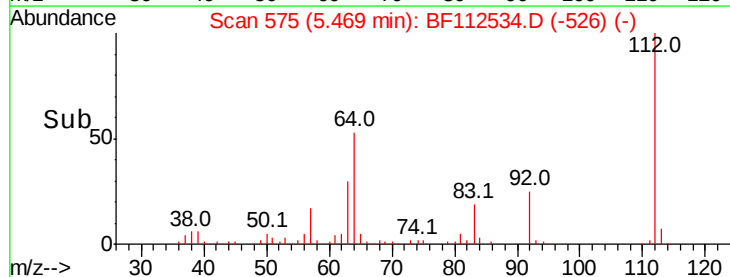
#5

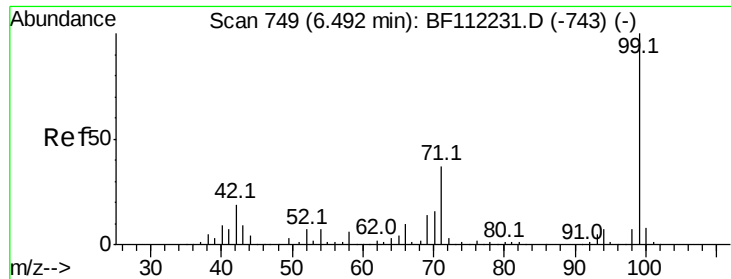
2-Fluorophenol
Concen: 31.763 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112534.D
Acq: 13 Feb 2019 13:00

Tgt Ion:112 Resp: 160876
Ion Ratio Lower Upper
112 100
64 53.1 45.7 68.5
63 29.9 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: 29.142 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112534.D

Acq: 13 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-A

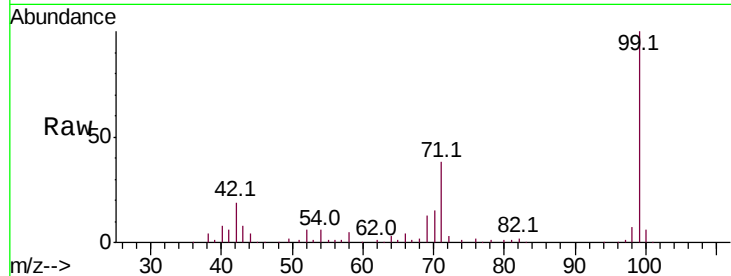
Tot Ion: 99 Resp: 205096

Ion Ratio Lower Upper

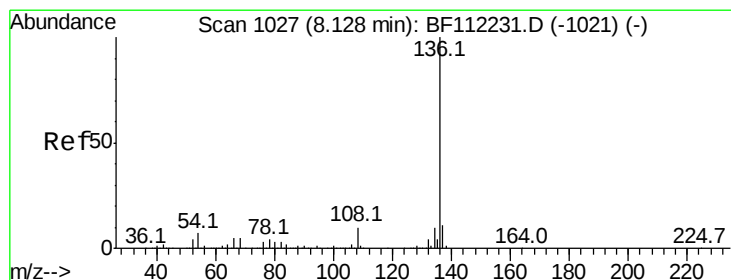
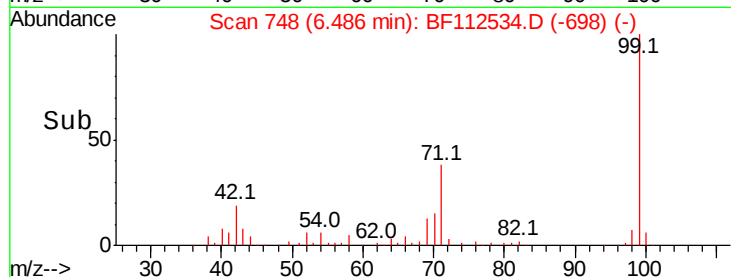
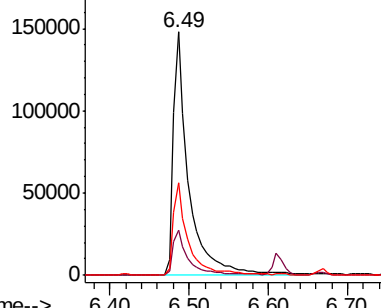
99 100

42 18.8 15.1 22.7

71 38.0 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: BF112534.D

Acq: 13 Feb 2019 13:00

Tgt Ion: 136 Resp: 415867

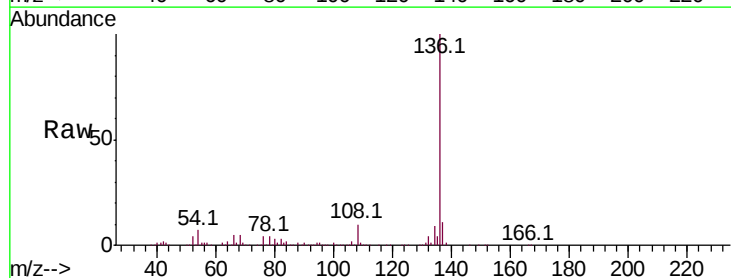
Ion Ratio Lower Upper

136 100

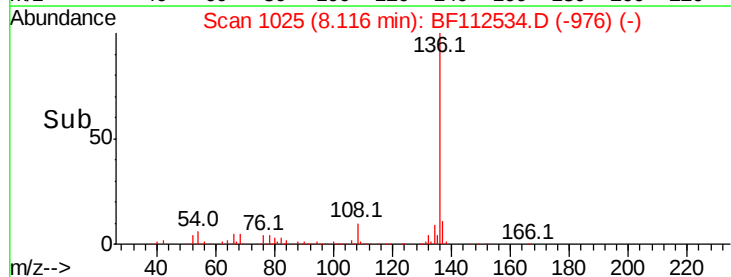
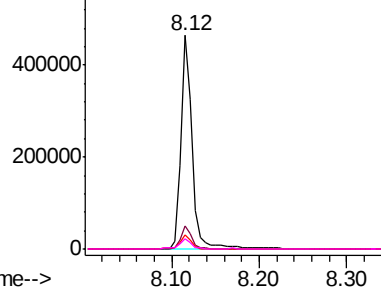
137 10.9 9.1 13.7

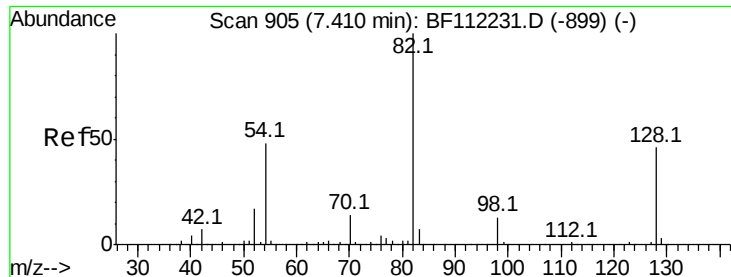
54 6.5 5.9 8.9

68 4.8 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

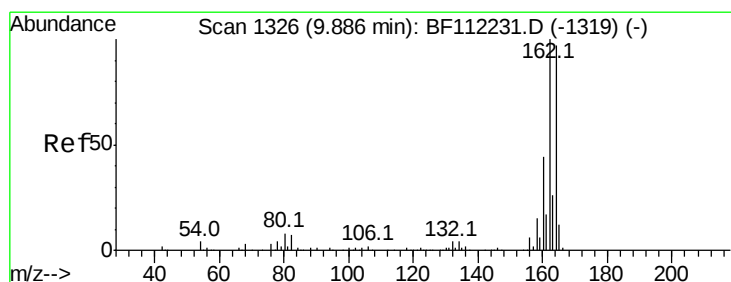
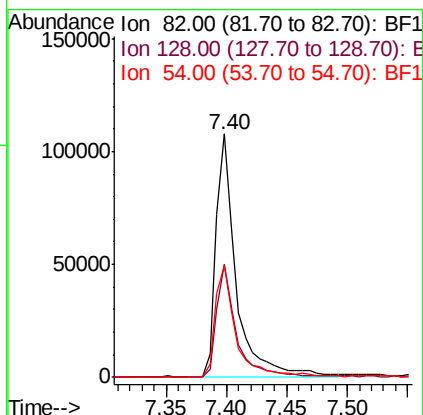
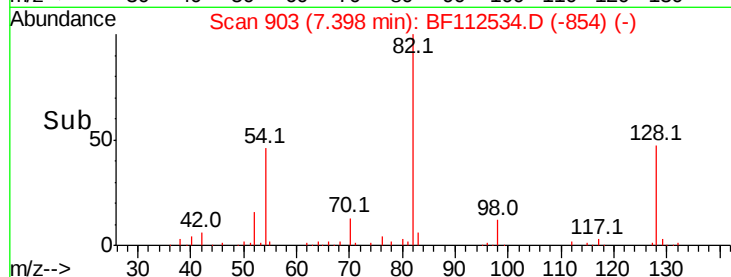
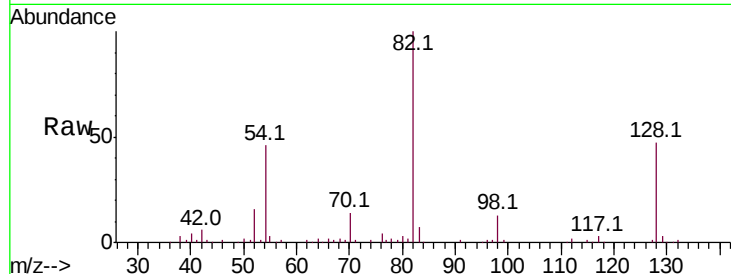




#23
Nitrobenzene-d5
Concen: 17.318 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112534.D
Acq: 13 Feb 2019 13:00

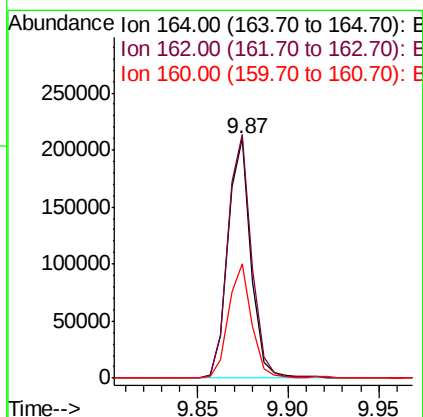
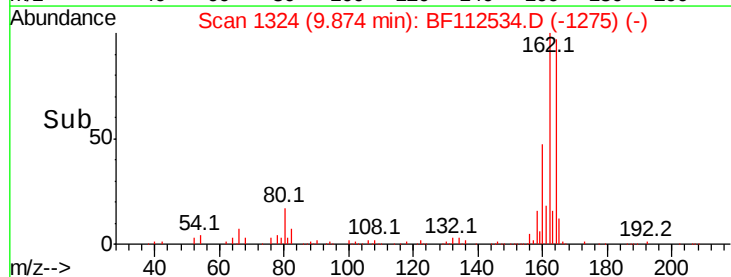
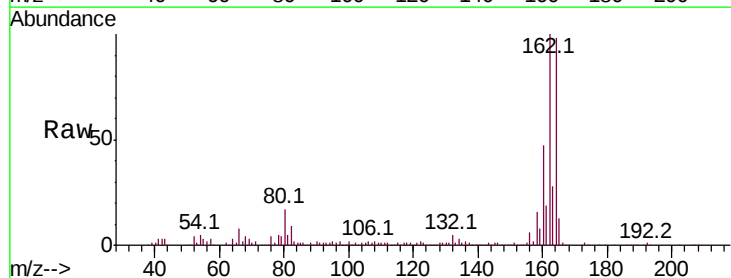
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-A

Tot Ion	82	Resp	124994
Ion Ratio	100	Lower	Upper
128	46.5	37.8	56.8
54	45.8	39.7	59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112534.D
Acq: 13 Feb 2019 13:00

Tgt Ion	164	Resp	187104
Ion Ratio	100	Lower	Upper
162	101.7	82.2	123.4
160	47.7	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 24.692 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112534.D

Acq: 13 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-A

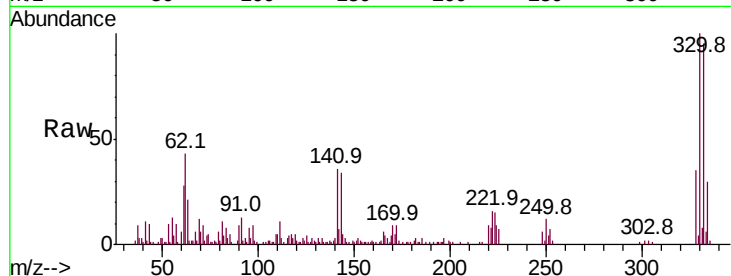
Tot Ion:330 Resp: 53776

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

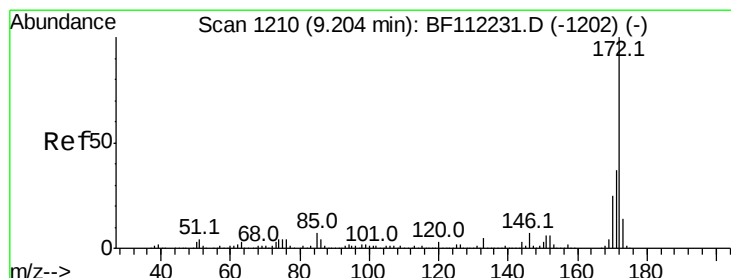
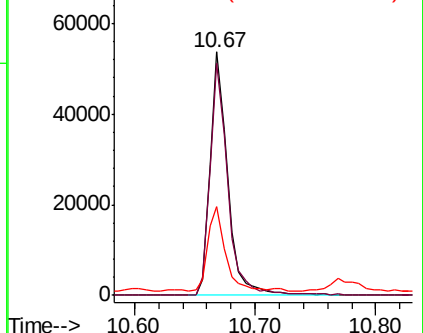
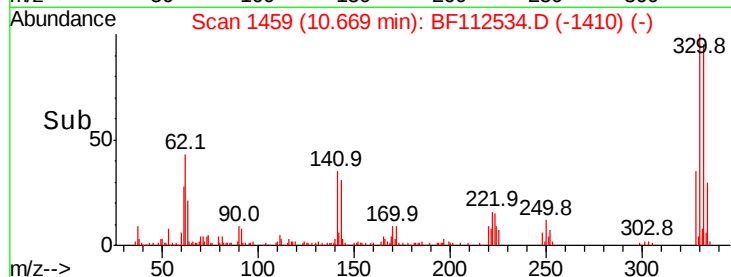
141 34.6 24.3 36.5



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: 19.603 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112534.D

Acq: 13 Feb 2019 13:00

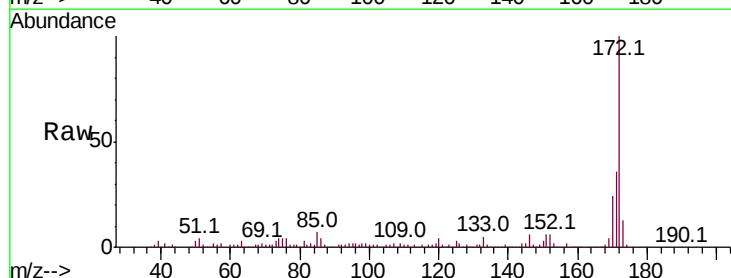
Tgt Ion:172 Resp: 259327

Ion Ratio Lower Upper

172 100

171 36.0 30.5 45.7

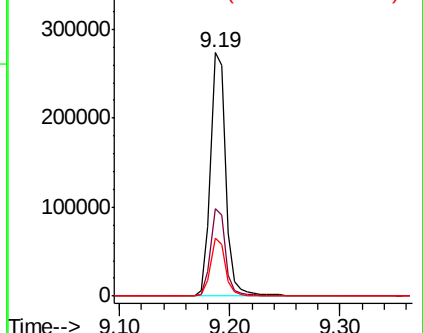
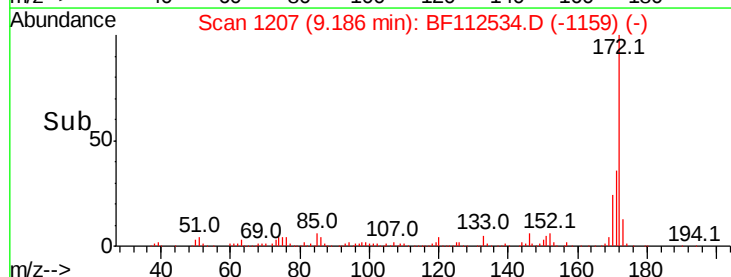
170 23.6 20.2 30.4



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

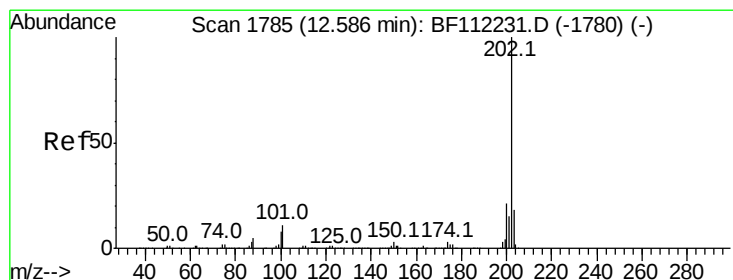
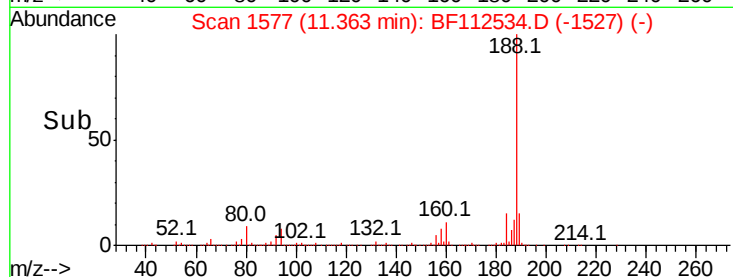
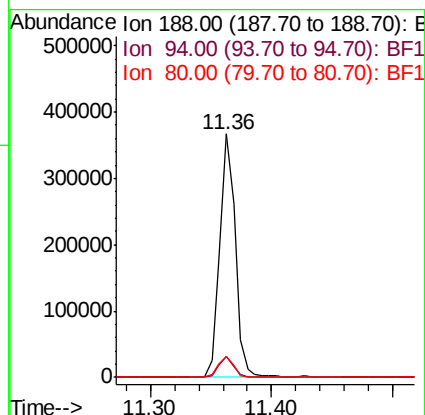
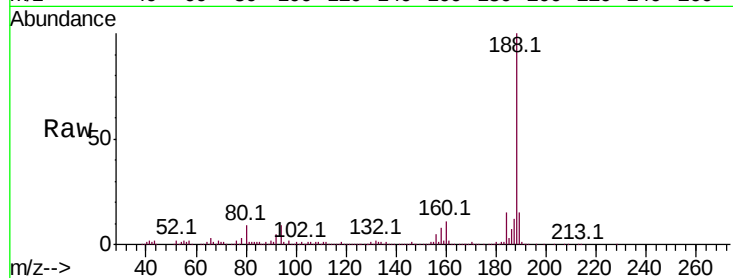




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112534.D
Acq: 13 Feb 2019 13:00

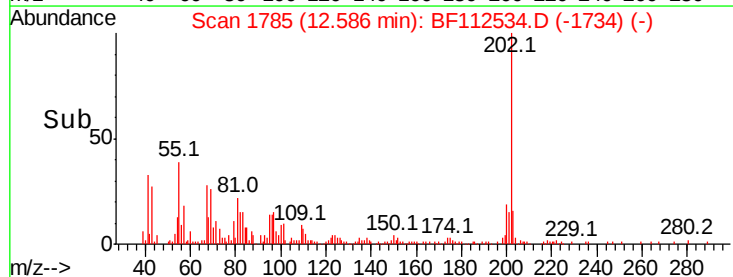
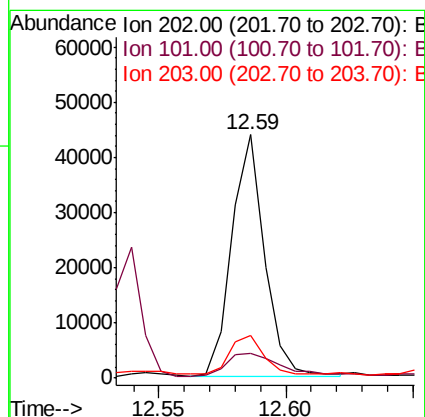
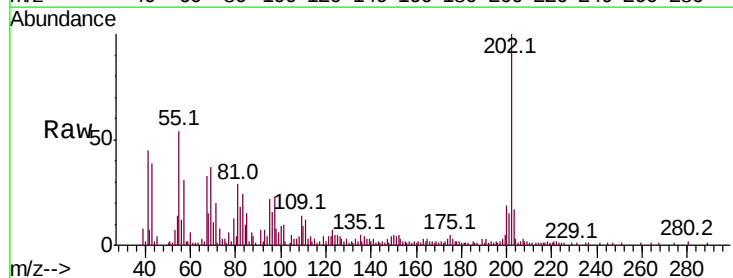
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BNA_F
ClientSampleId :
JC-02-021119-A

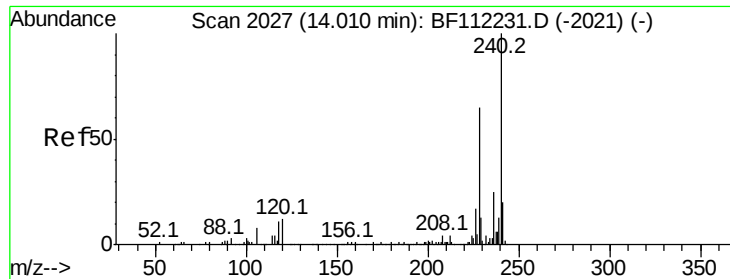
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	8.8	8.9	13.3#



#75
Fluoranthene
Concen: 2.171 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF112534.D
Acq: 13 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.8
203	17.3	0.0	38.4

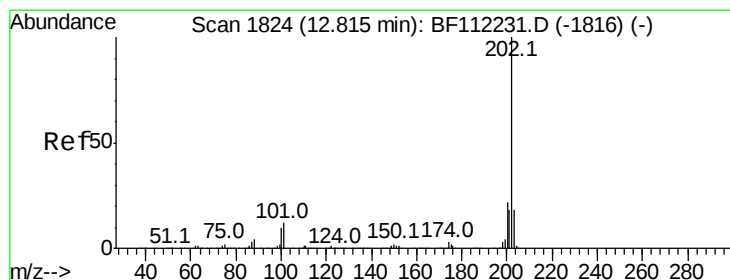
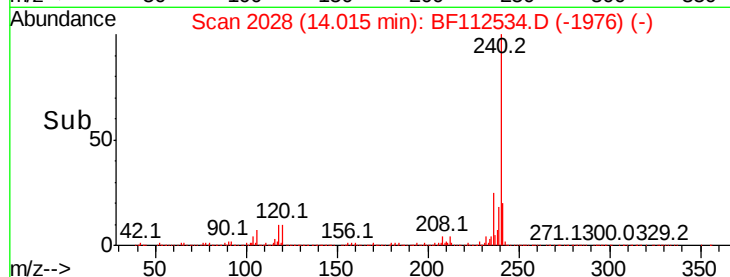
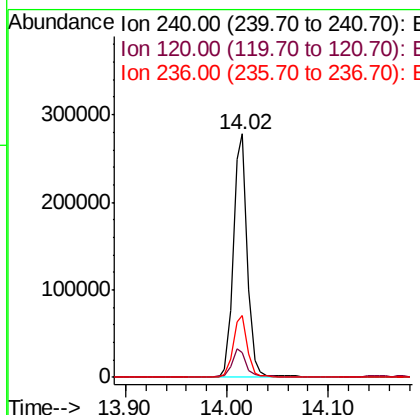
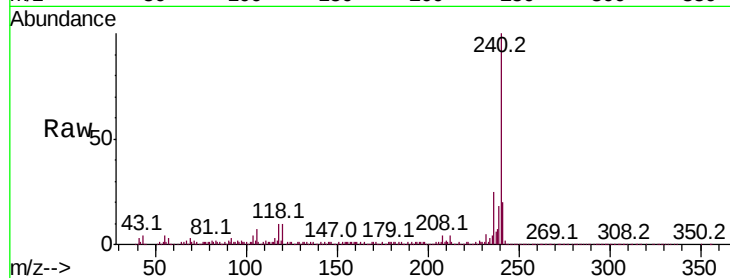




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF112534.D
 Acq: 13 Feb 2019 13:00

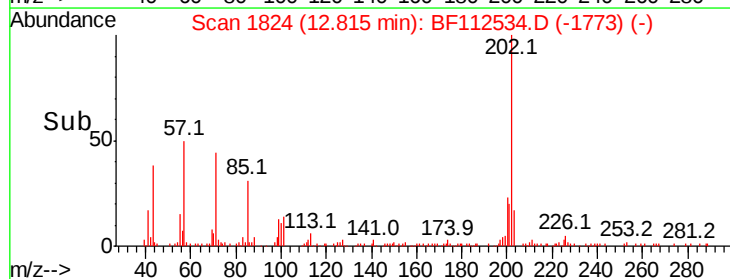
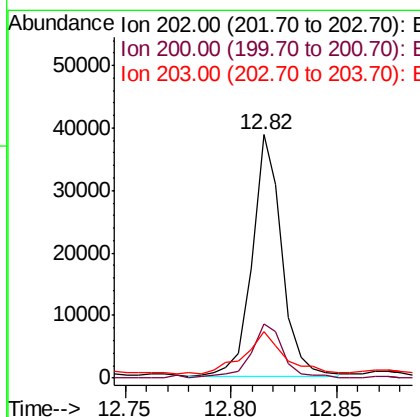
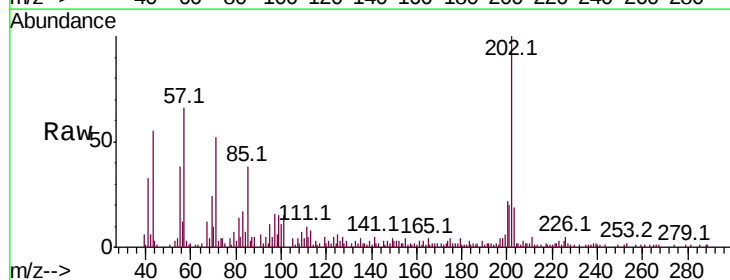
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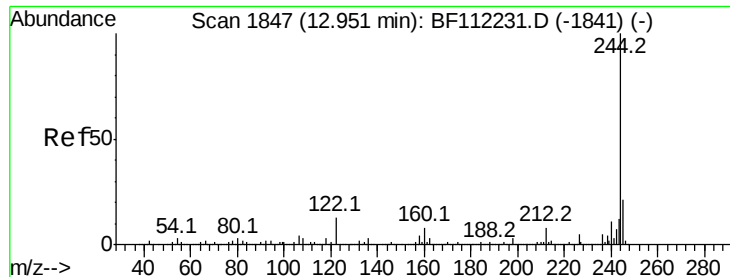
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.0	13.6
236	25.5	20.7	31.1



#78
 Pyrene
 Concen: 2.045 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF112534.D
 Acq: 13 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	19.3	14.6	22.0





#79

Terphenyl-d14

Concen: 16.409 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112534.D

Acq: 13 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-A

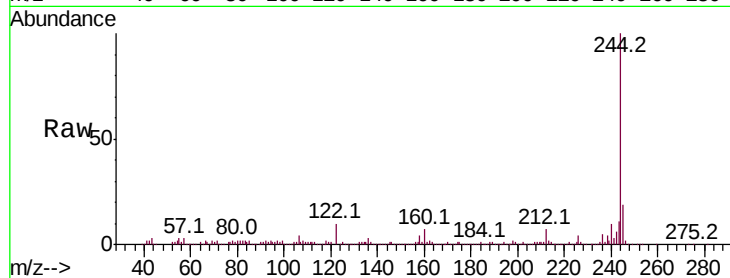
Tot Ion:244 Resp: 230349

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

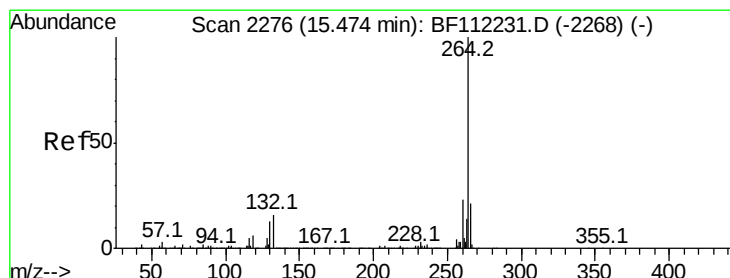
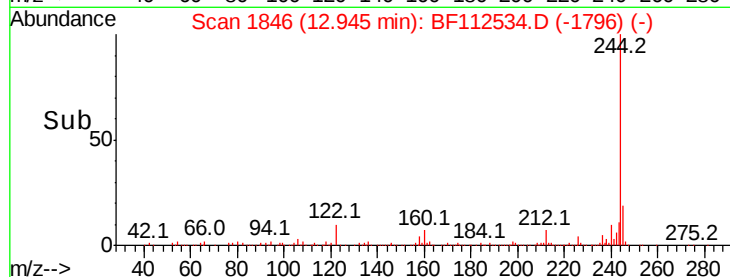
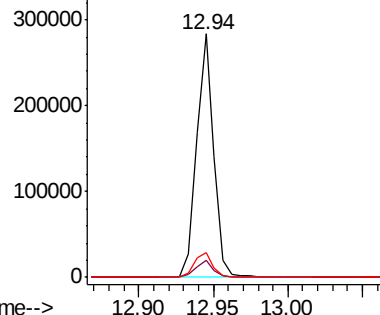
122 10.0 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF112534.D

Acq: 13 Feb 2019 13:00

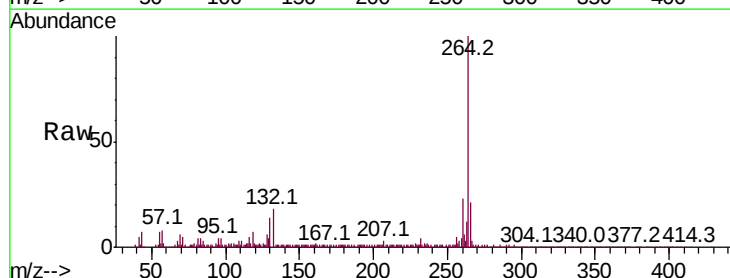
Tgt Ion:264 Resp: 261754

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.4 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

