

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112413.D
 Acq On : 5 Feb 2019 23:11
 Operator : JU/SJ
 Sample : K1346-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Quant Time: Feb 06 01:04:48 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	143860	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	550160	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	255477	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	427714	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	309224	20.00	ng	-0.01
87) Perylene-d12	15.47	264	266573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	943912	139.37	ng	0.00
7) Phenol-d6	6.49	99	1060326	112.67	ng	0.00
23) Nitrobenzene-d5	7.40	82	813396	85.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	367620	123.62	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1625983	90.02	ng	-0.02
79) Terphenyl-d14	12.94	244	1408285	85.78	ng	-0.01

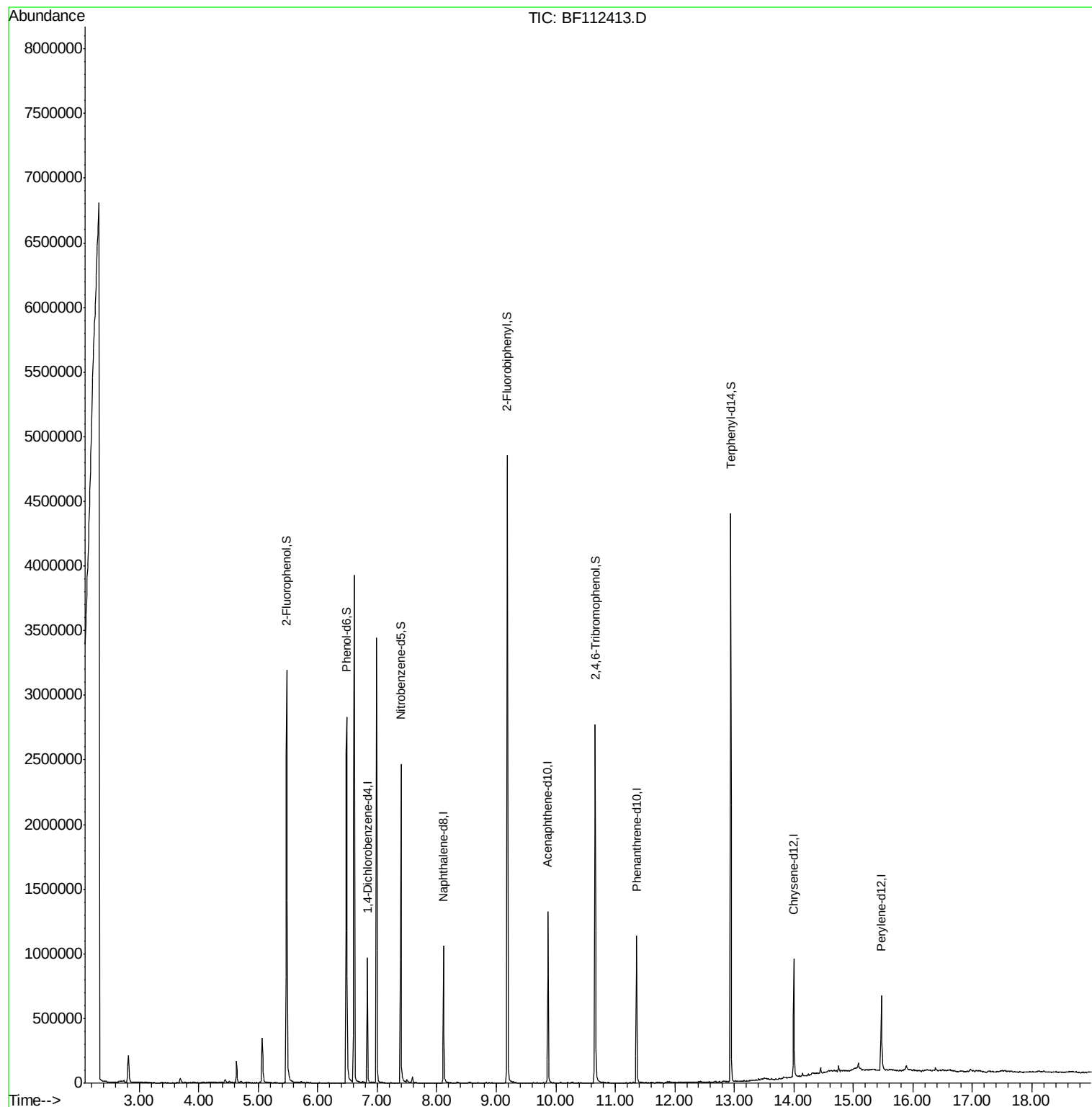
Target Compounds Qvalue

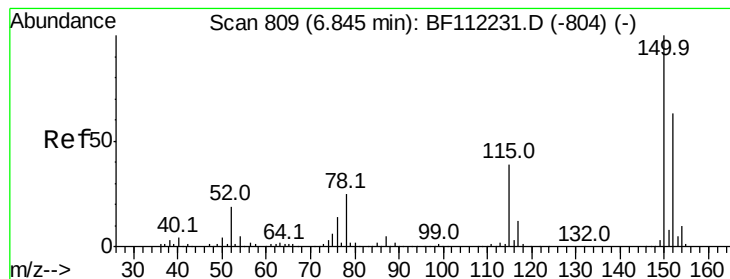
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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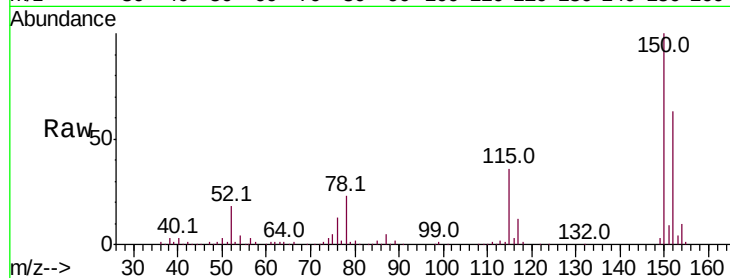


#1

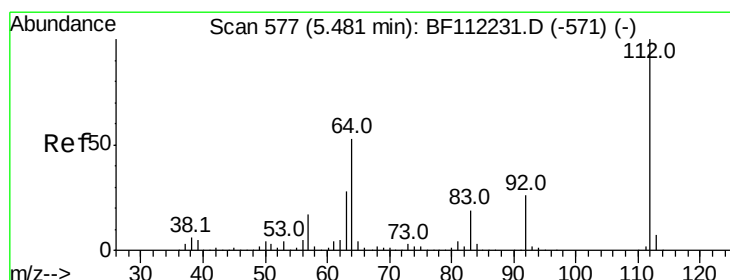
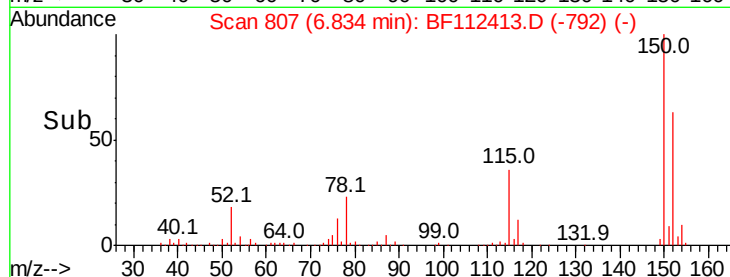
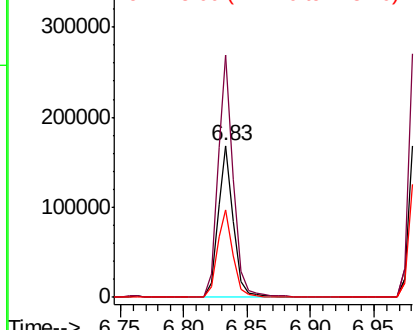
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Tot Ion:152 Resp: 143860
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.4 191.0
 115 57.6 45.5 68.3



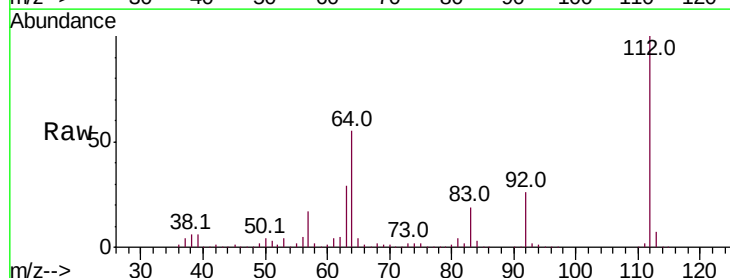
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



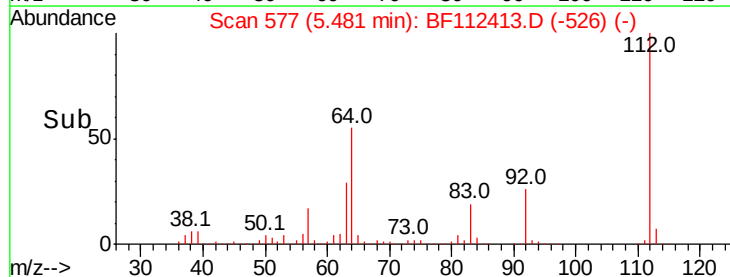
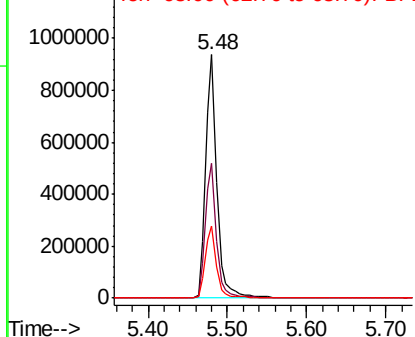
#5

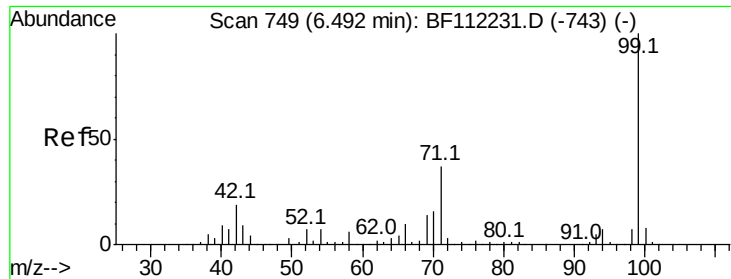
2-Fluorophenol
 Concen: 139.367 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Tgt Ion:112 Resp: 943912
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.7 68.5
 63 29.4 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: 112.666 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112413.D

Acq: 5 Feb 2019 23:11

Instrument :

BNA_F

ClientSampleId :

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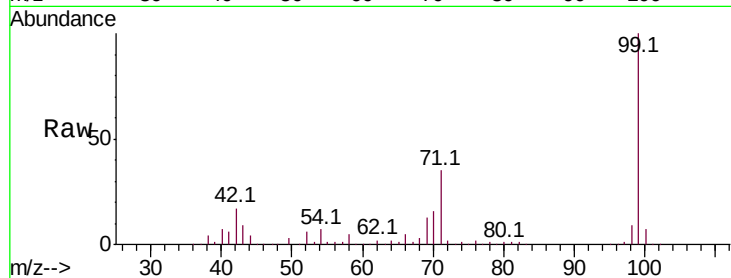
Tot Ion: 99 Resp: 1060326

Ion Ratio Lower Upper

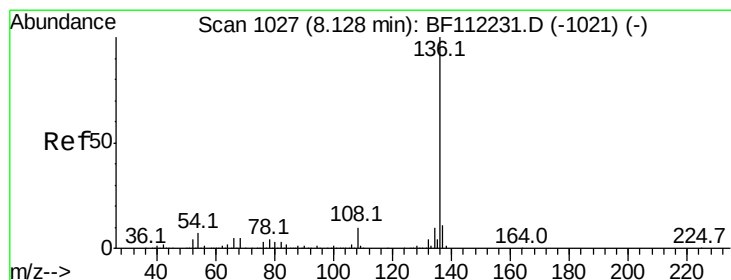
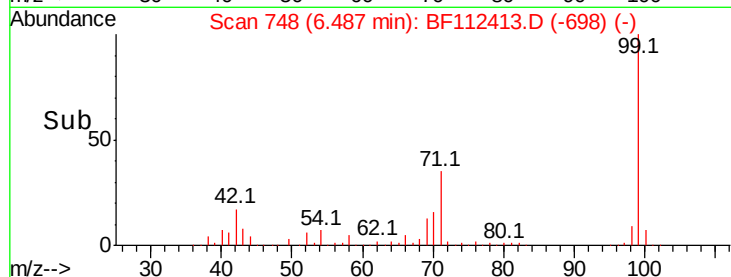
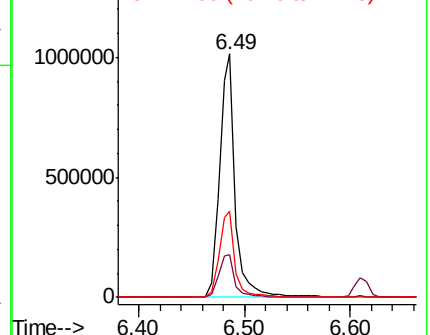
99 100

42 17.5 15.1 22.7

71 35.2 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: BF112413.D

Acq: 5 Feb 2019 23:11

Tgt Ion:136 Resp: 550160

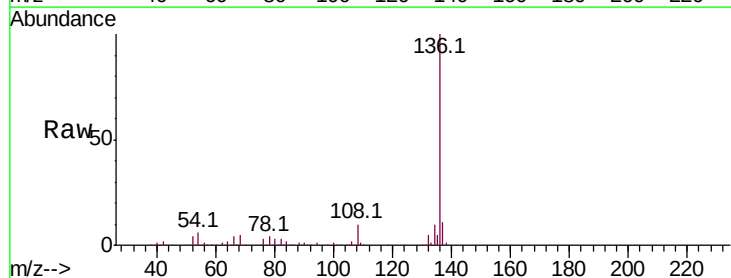
Ion Ratio Lower Upper

136 100

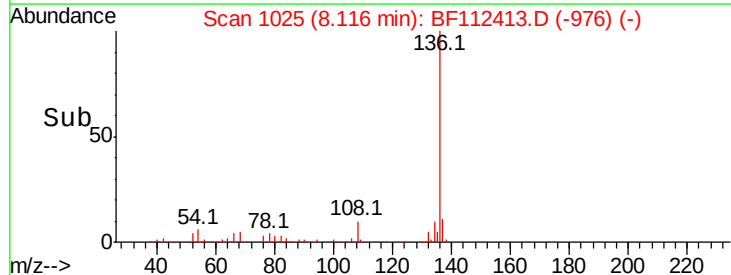
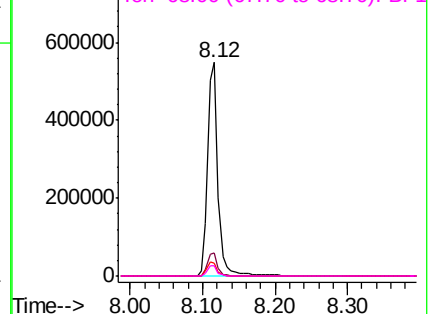
137 10.9 9.1 13.7

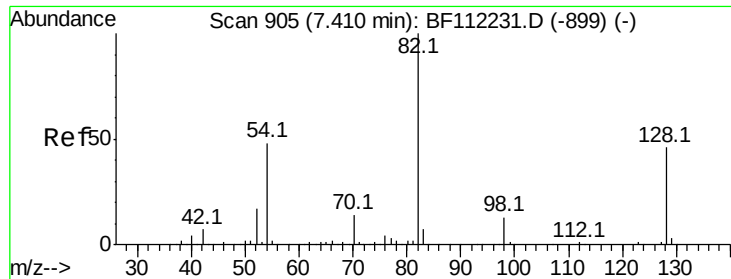
54 5.8 5.9 8.9#

68 4.6 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

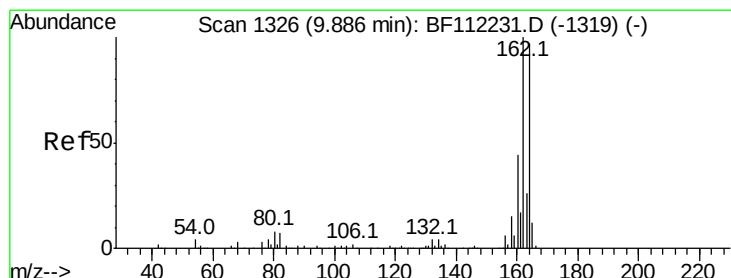
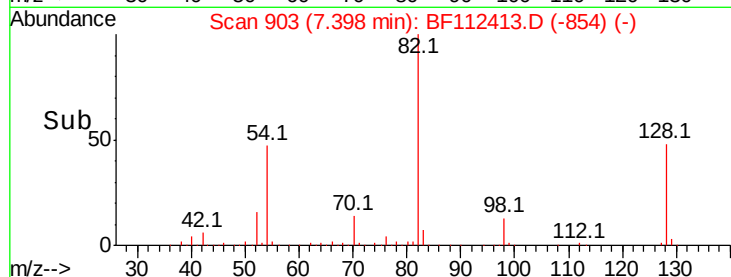
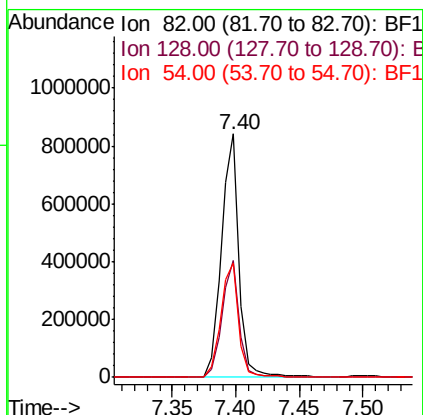
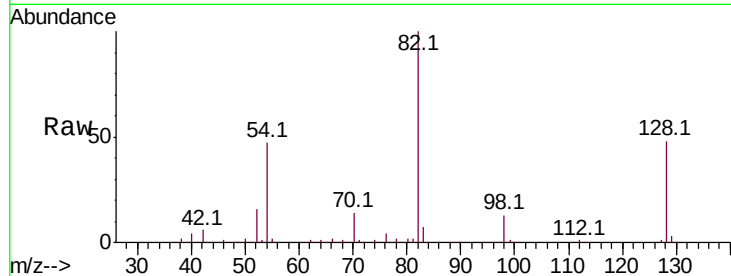




#23
Nitrobenzene-d5
Concen: 85.189 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

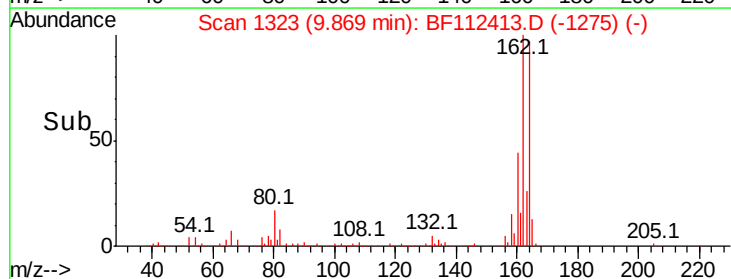
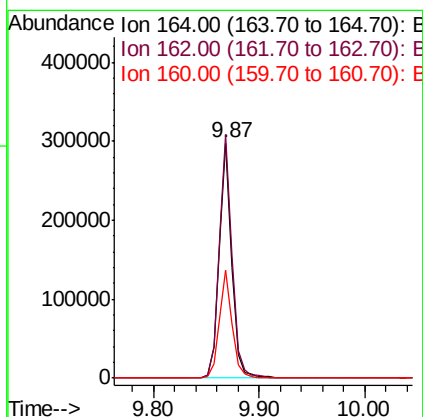
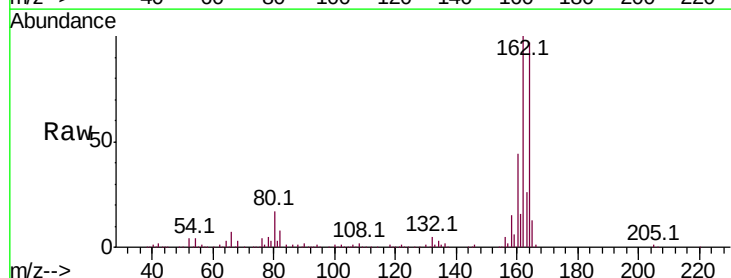
Instrument :
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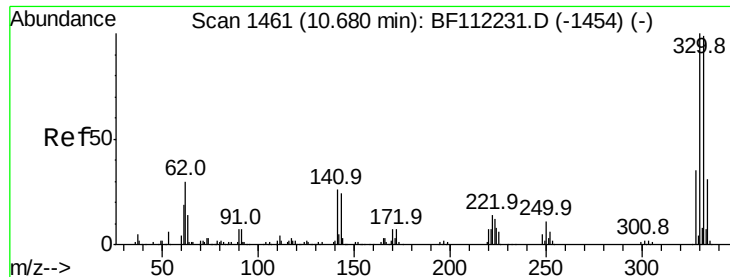
Tot Ion: 82 Resp: 813396
Ion Ratio Lower Upper
82 100
128 48.0 37.8 56.8
54 46.9 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

Tgt Ion: 164 Resp: 255477
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.4
160 45.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 123.625 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112413.D

Acq: 5 Feb 2019 23:11

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-A

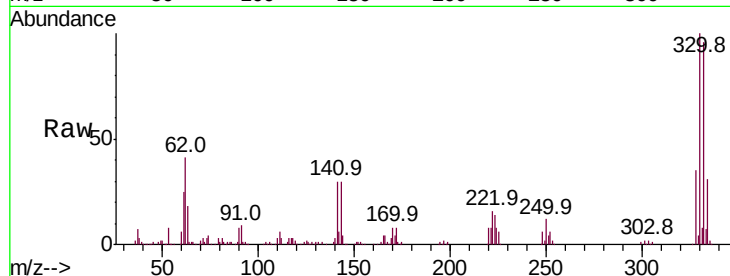
Tot Ion:330 Resp: 367620

Ion Ratio Lower Upper

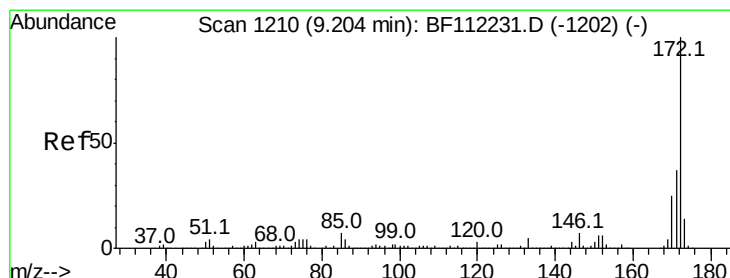
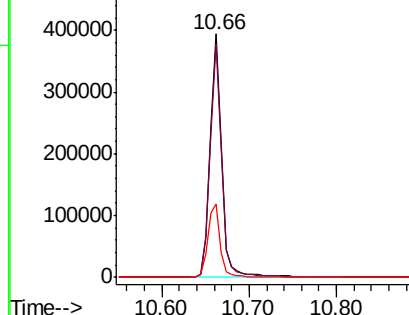
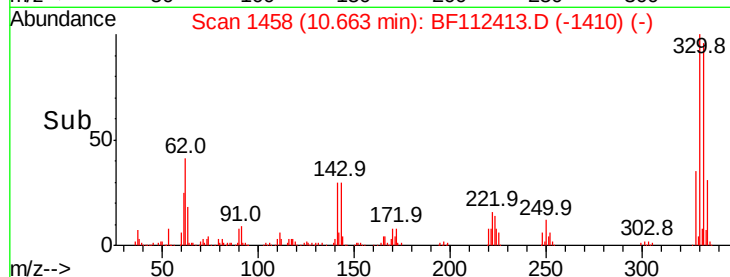
330 100

332 96.2 76.6 114.8

141 31.6 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: 90.015 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112413.D

Acq: 5 Feb 2019 23:11

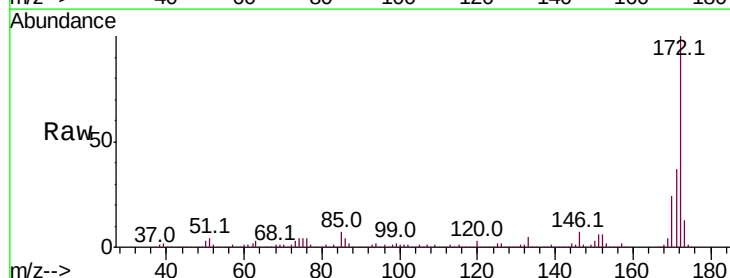
Tgt Ion:172 Resp: 1625983

Ion Ratio Lower Upper

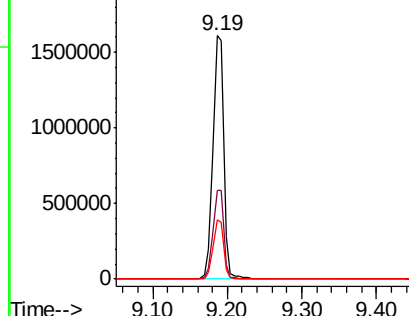
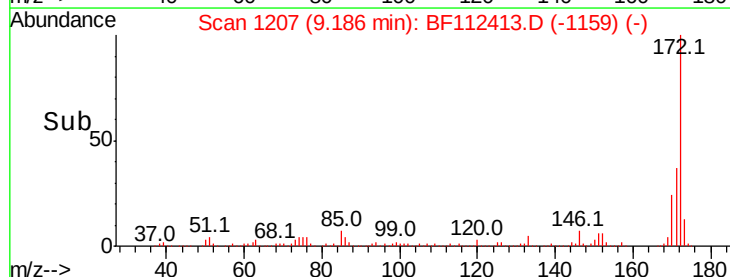
172 100

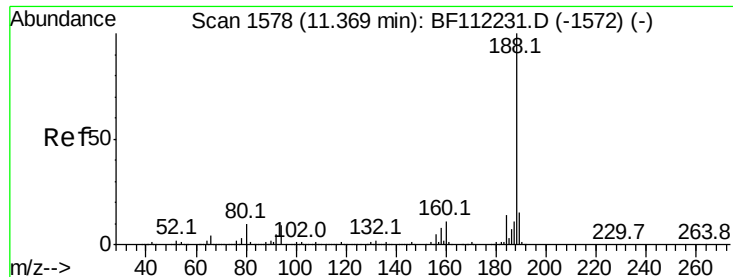
171 36.6 30.5 45.7

170 24.3 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

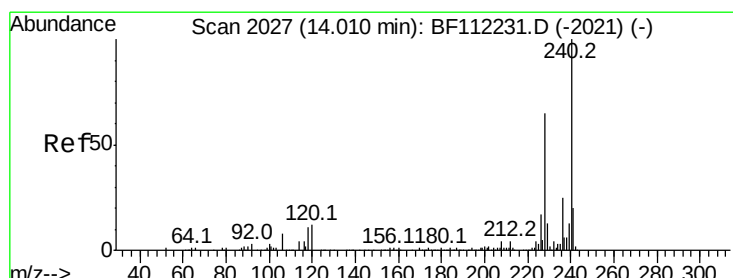
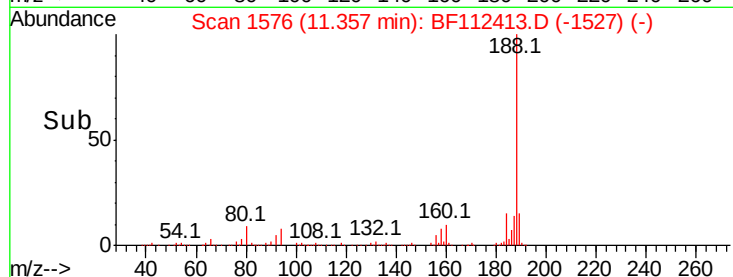
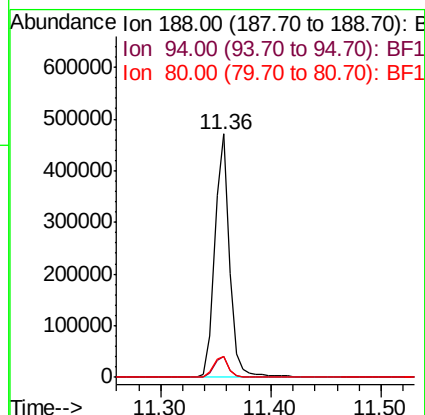
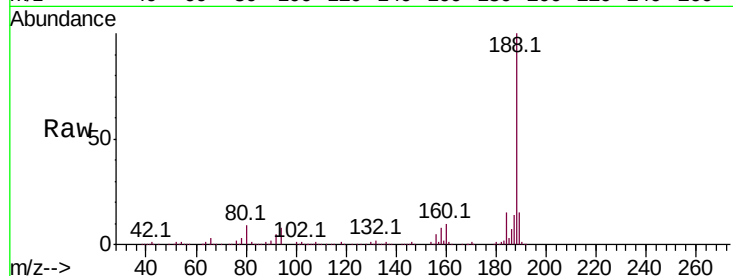




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

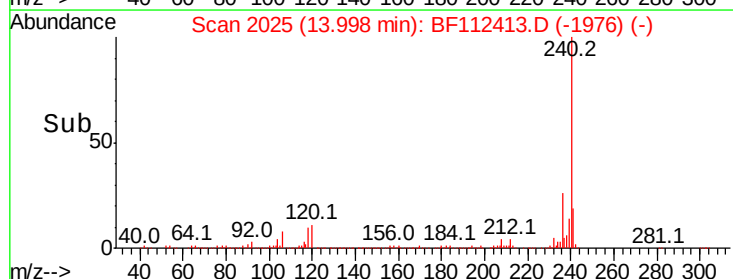
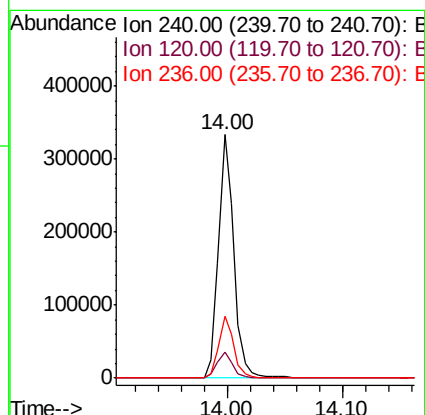
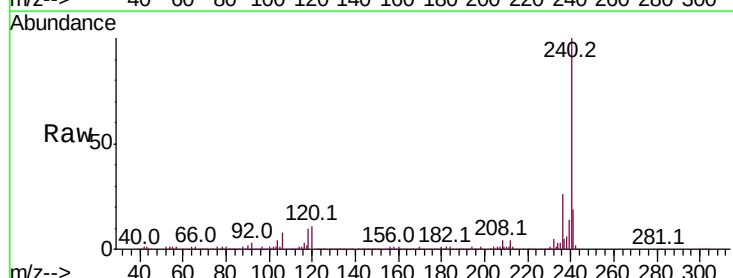
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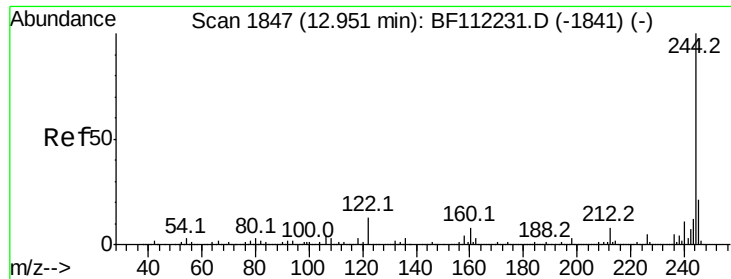
Tot Ion:188 Resp: 427714
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112413.D
Acq: 5 Feb 2019 23:11

Tgt Ion:240 Resp: 309224
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.5 20.7 31.1

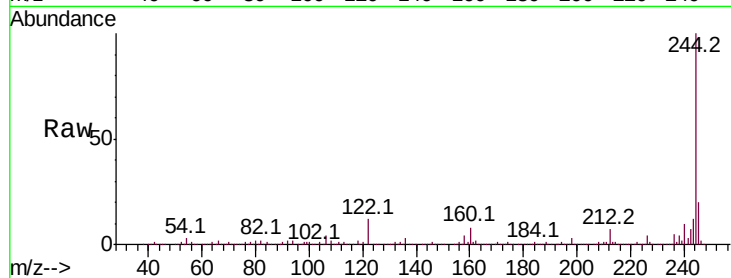




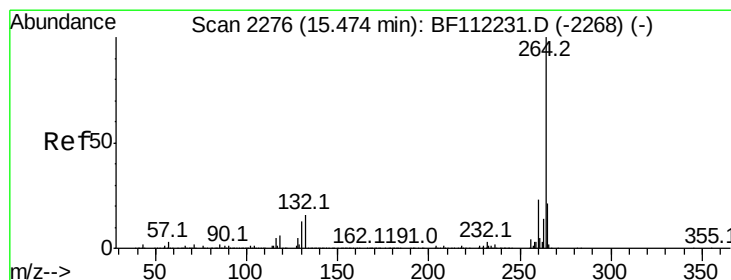
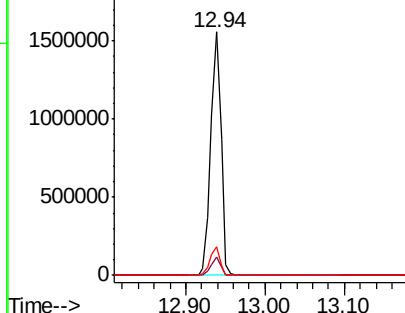
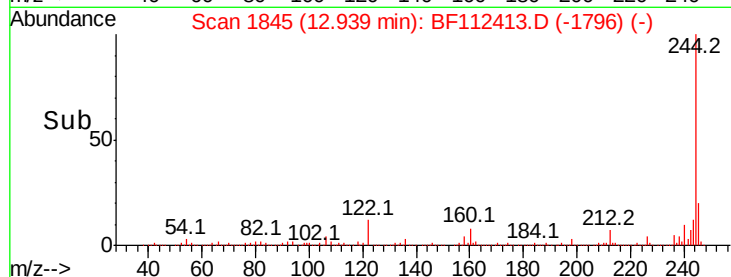
#79
 Terphenyl-d14
 Concen: 85.777 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Tot Ion:244 Resp: 1408285
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.5 9.8 14.6

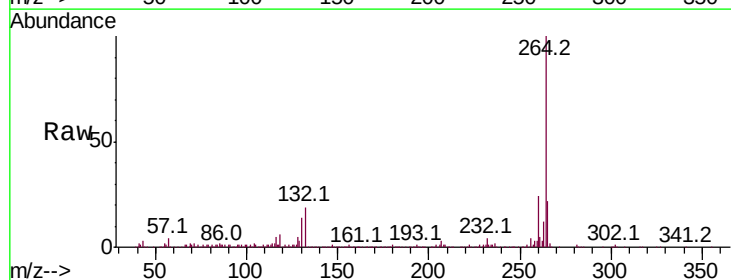


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112413.D
 Acq: 5 Feb 2019 23:11

Tgt Ion:264 Resp: 266573
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 21.8 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

