

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116174.D
 Acq On : 11 Aug 2019 4:31
 Operator : HP/JU
 Sample : K4165-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 04:24:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

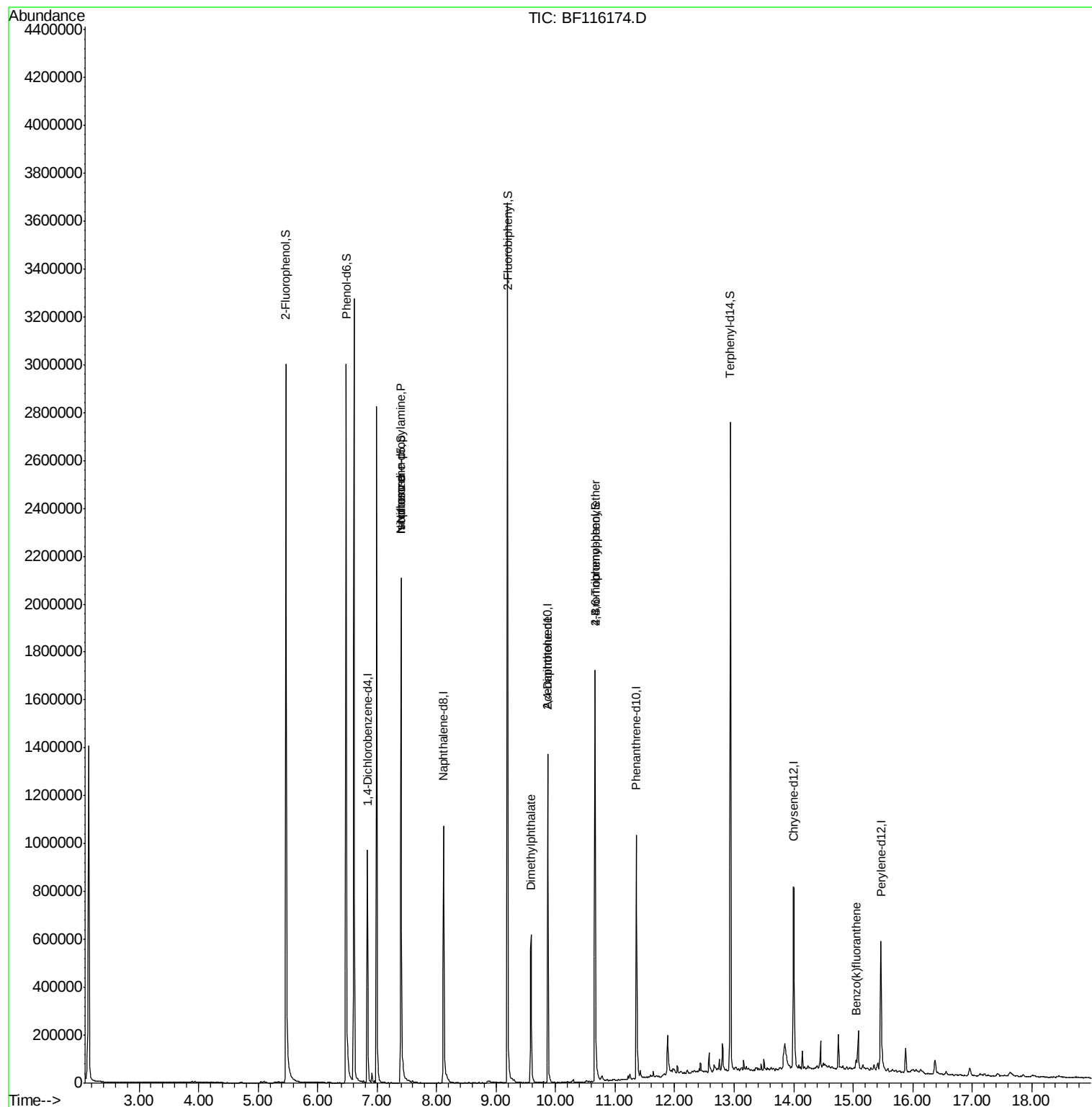
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154235	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	583981	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	277680	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	406747	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	290453	20.00	ng	0.00
87) Perylene-d12	15.47	264	270574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	977490	106.10	ng	0.00
7) Phenol-d6	6.48	99	1264992	108.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	830833	82.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	258550	96.04	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1236193	83.39	ng	-0.01
79) Terphenyl-d14	12.94	244	930348	67.49	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	108827	15.108	ng	# 78
25) Isophorone	7.40	82	830828	42.948	ng	# 65
50) Dimethylphthalate	9.59	163	303701	16.063	ng	# 99
57) 2,4-Dinitrotoluene	9.87	165	35389	6.469	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	15334	3.522	ng	# 1
89) Benzo(k)fluoranthene	15.05	252	31219	2.049	ng	# 90

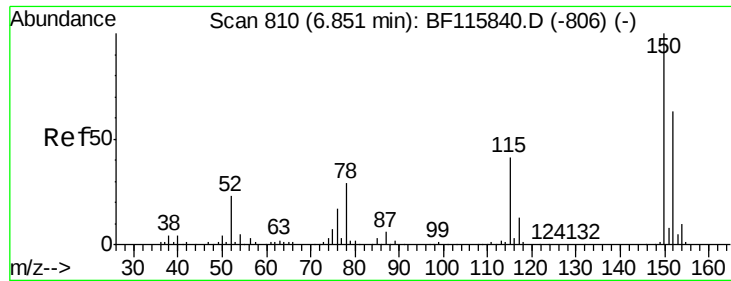
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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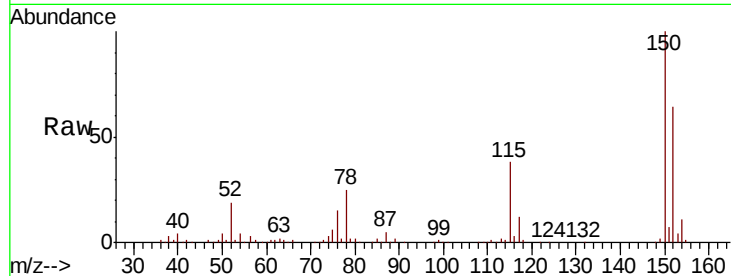


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	59.7	49.9	74.9

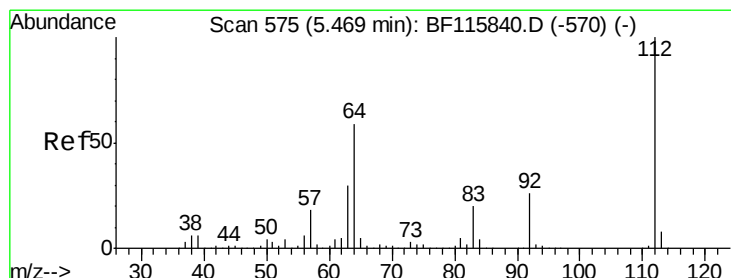
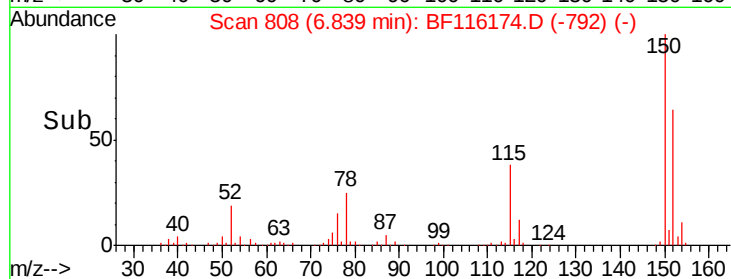
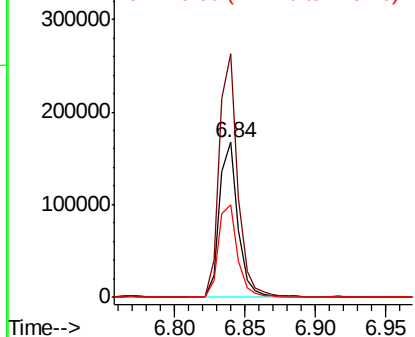


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

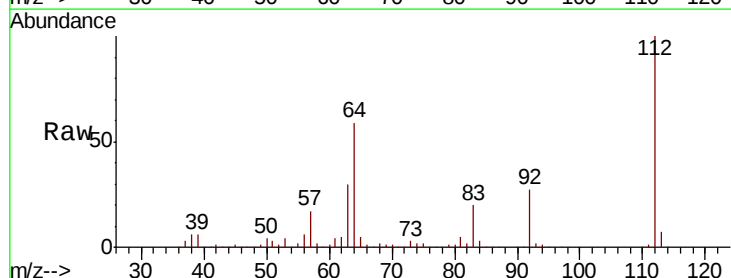
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.096 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.4	68.2
63	30.2	23.7	35.5

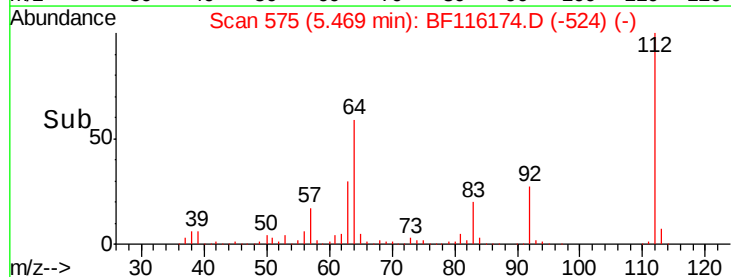
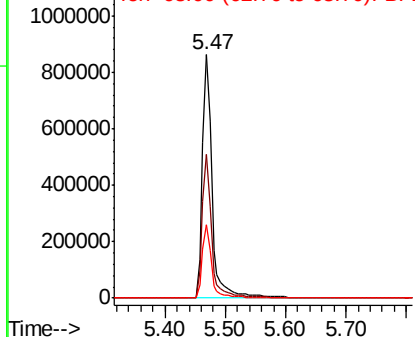


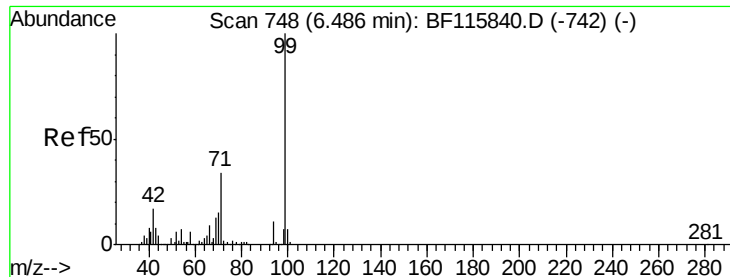
Abundance

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: 108.825 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

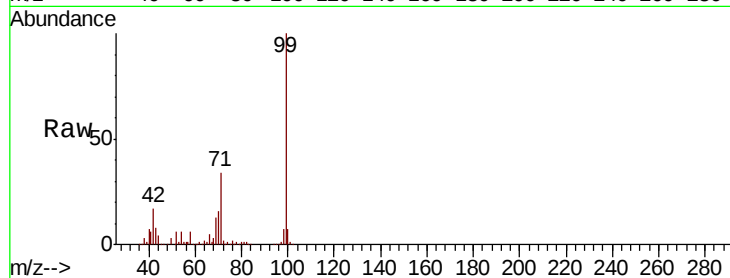
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1264992

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	34.0	27.3	40.9

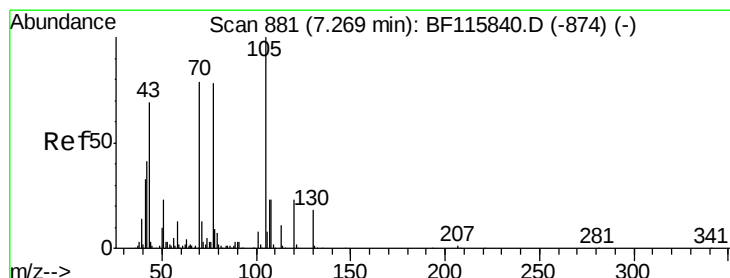
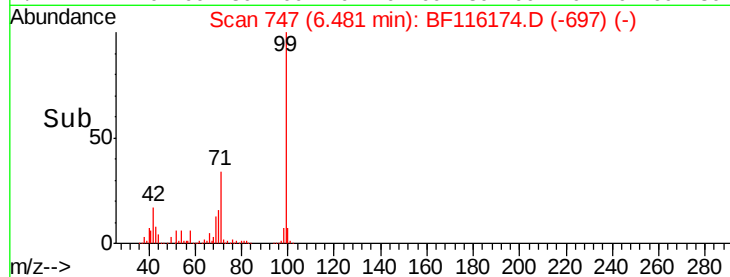


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.108 ng

RT: 7.40 min Scan# 904

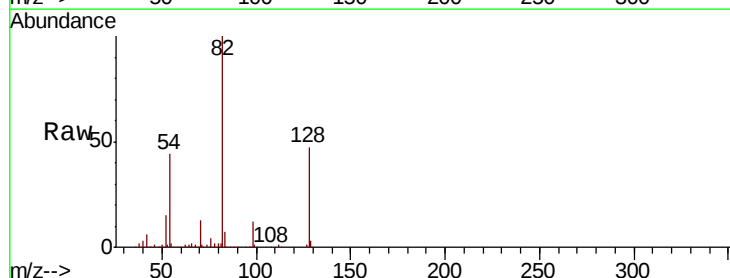
Delta R.T. 0.14 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Tgt Ion: 70 Resp: 108827

Ion	Ratio	Lower	Upper
70	100		
42	42.0	40.9	61.3
101	0.0	7.9	11.9#
130	2.2	16.9	25.3#



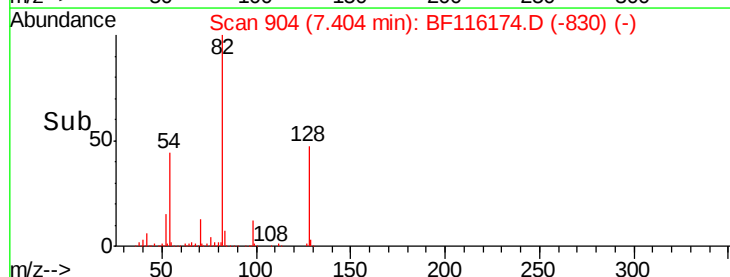
Abundance

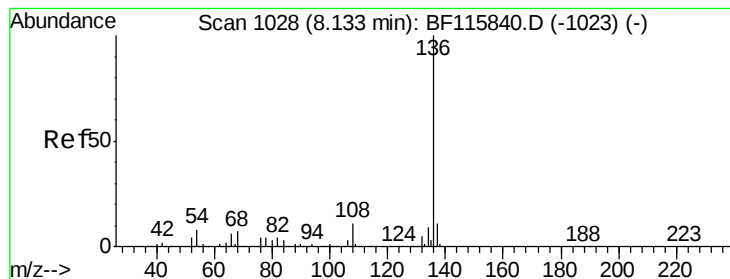
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 583981

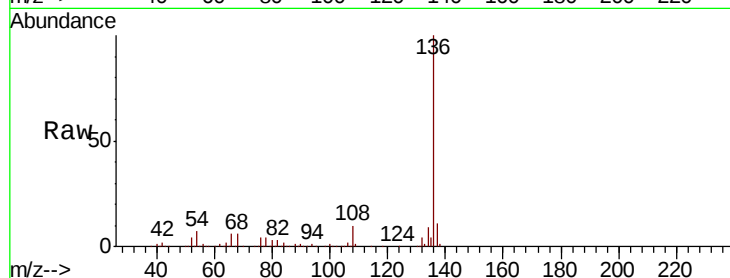
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.4 5.8 8.6

68 6.3 5.2 7.8

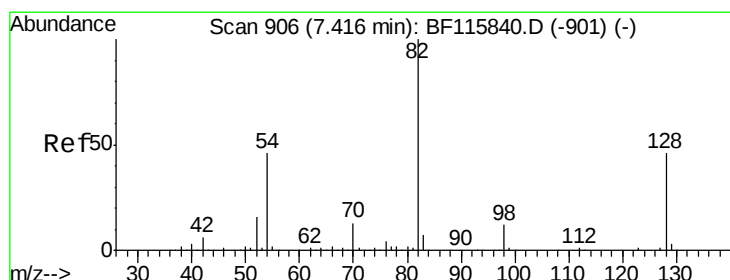
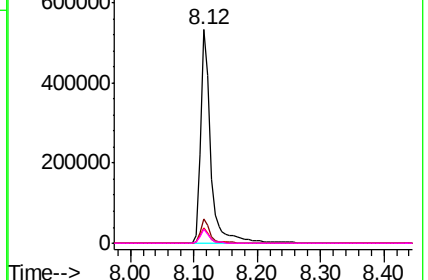
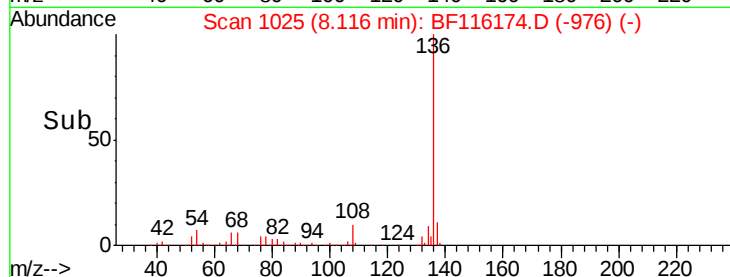


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.123 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

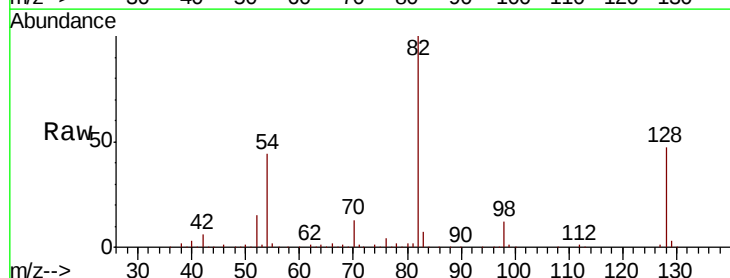
Tgt Ion: 82 Resp: 830833

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

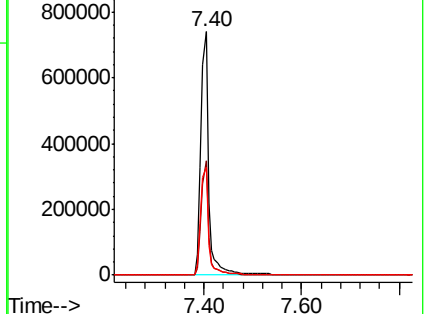
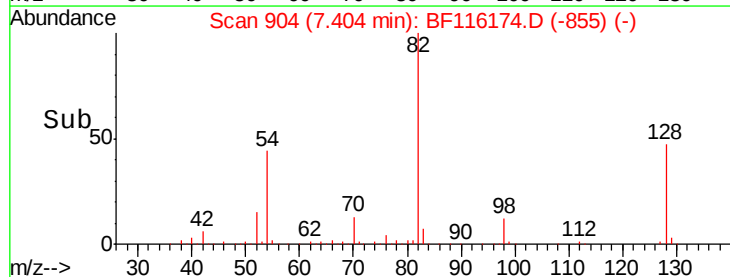
54 44.3 36.0 54.0

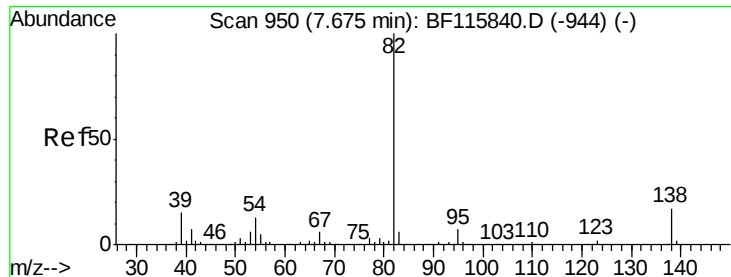


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

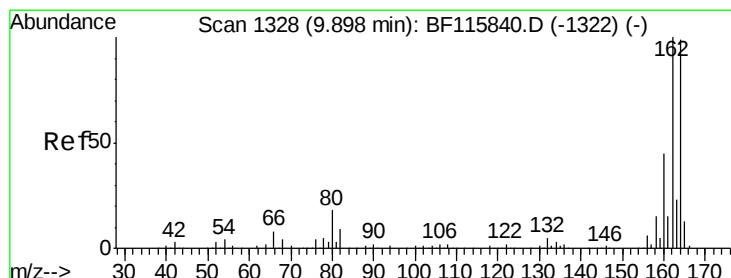
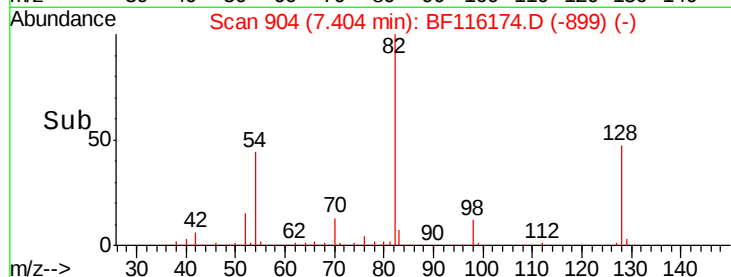
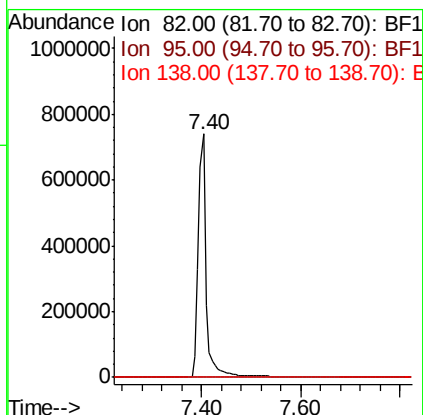
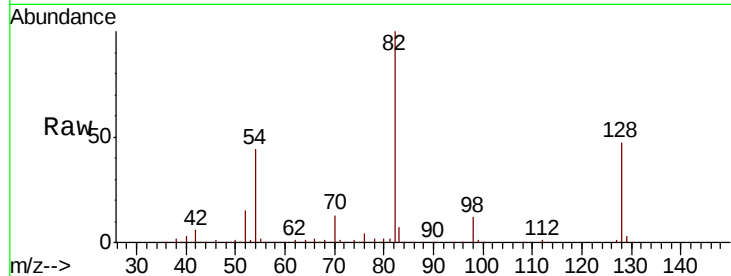




#25
Isophorone
Concen: 42.948 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

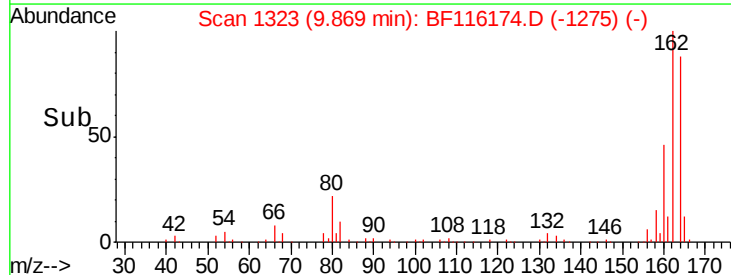
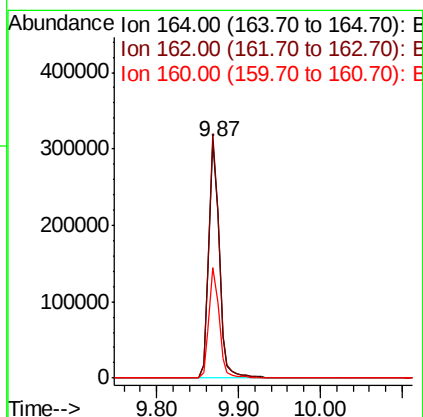
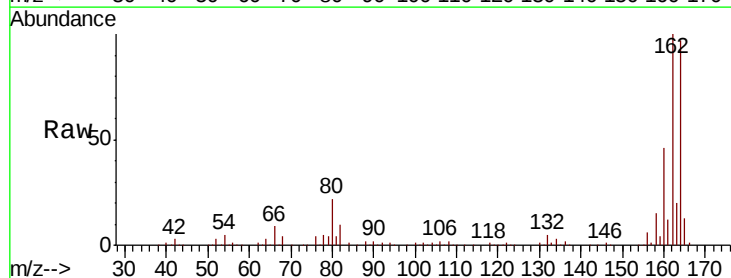
Instrument :
BNA_F
ClientSampleId :

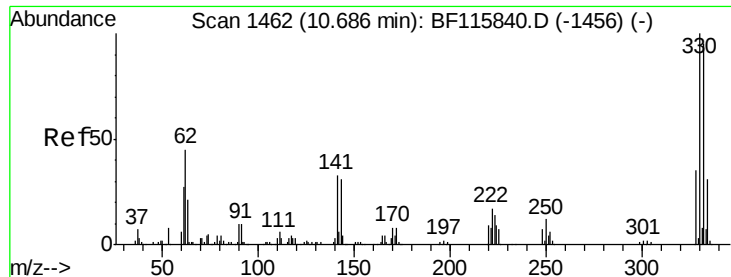
Tot Ion: 82 Resp: 830828
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Tgt Ion: 164 Resp: 277680
Ion Ratio Lower Upper
164 100
162 102.8 82.6 124.0
160 46.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 96.037 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Instrument :

BNA_F

ClientSampleId :

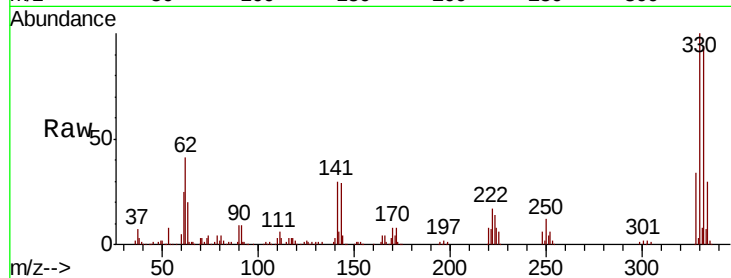
Tot Ion:330 Resp: 258550

Ion Ratio Lower Upper

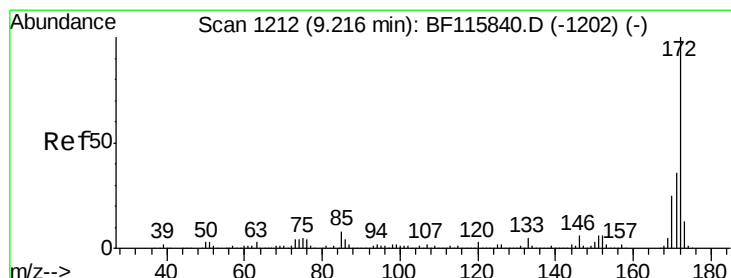
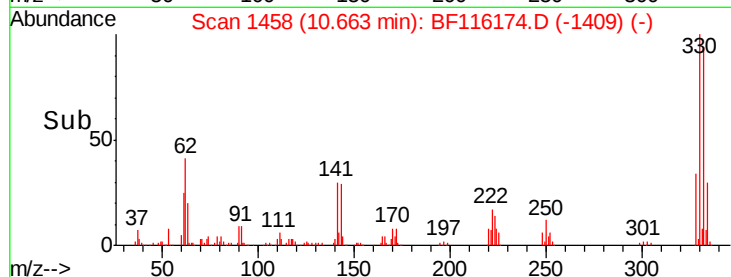
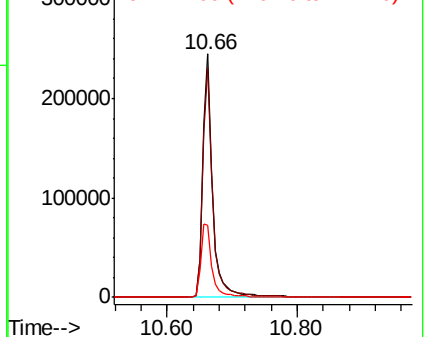
330 100

332 95.6 76.8 115.2

141 34.0 26.3 39.5



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: 83.387 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

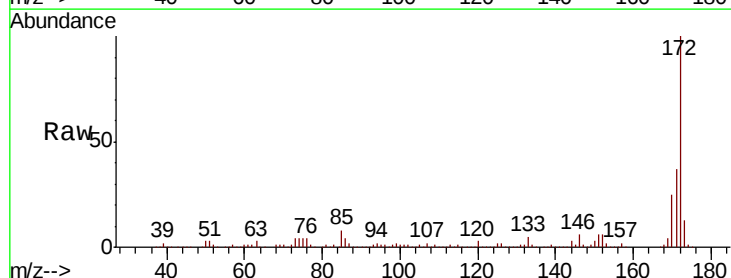
Tgt Ion:172 Resp: 1236193

Ion Ratio Lower Upper

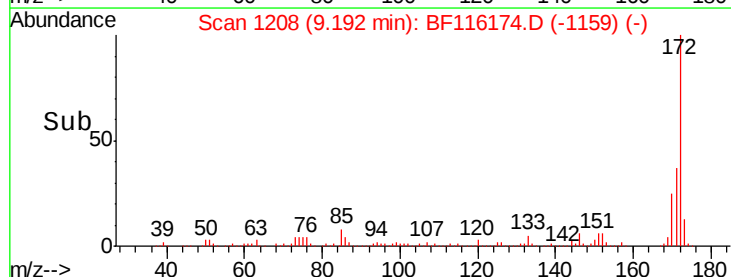
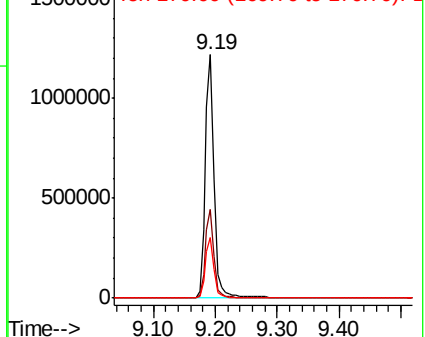
172 100

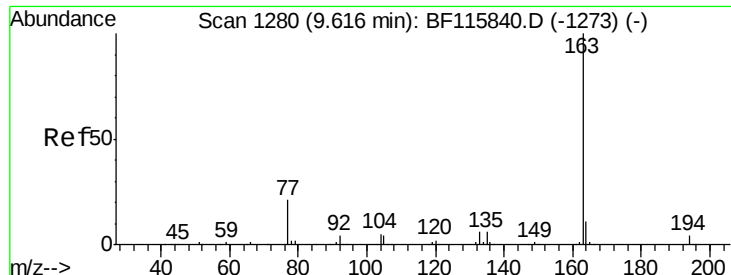
171 36.6 29.6 44.4

170 24.9 20.1 30.1



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





#50

Dimethylphthalate

Concen: 16.063 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Instrument :

BNA_F

ClientSampleId :

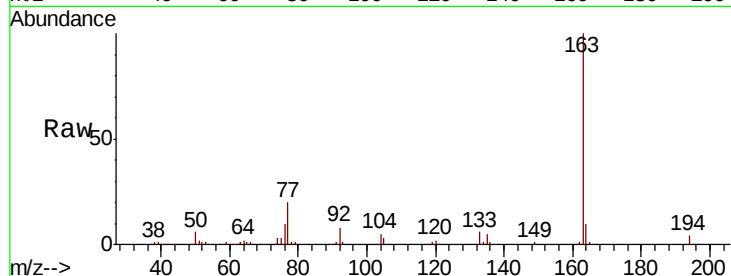
Tot Ion:163 Resp: 303701

Ion Ratio Lower Upper

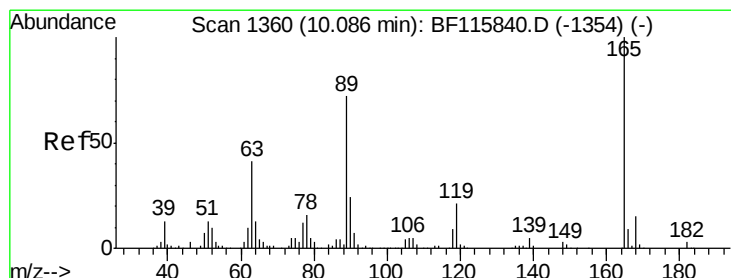
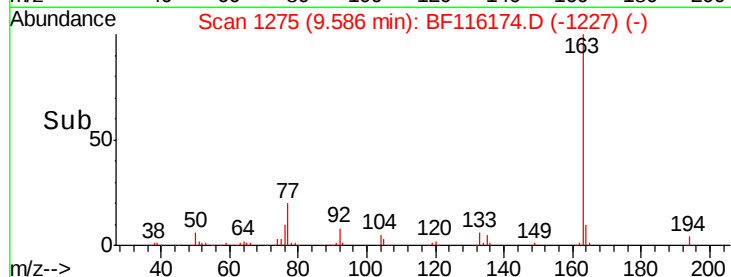
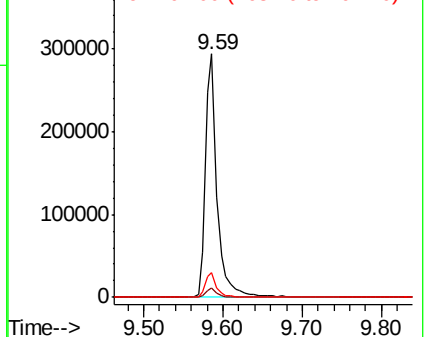
163 100

194 3.9 3.0 4.6

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.469 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Tgt Ion:165 Resp: 35389

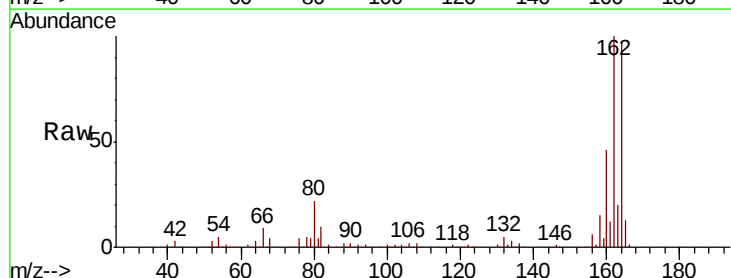
Ion Ratio Lower Upper

165 100

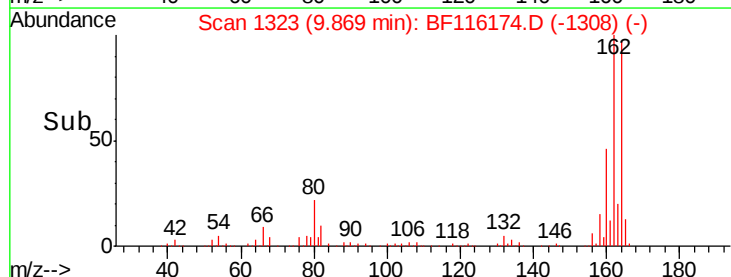
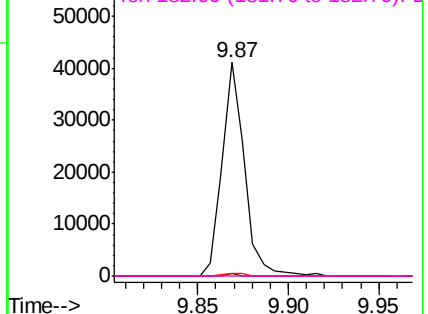
63 1.1 39.6 59.4#

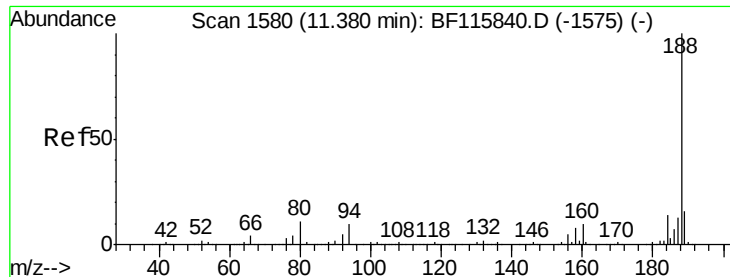
89 1.2 62.2 93.2#

182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

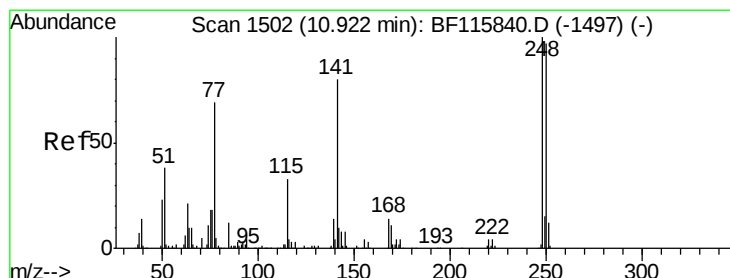
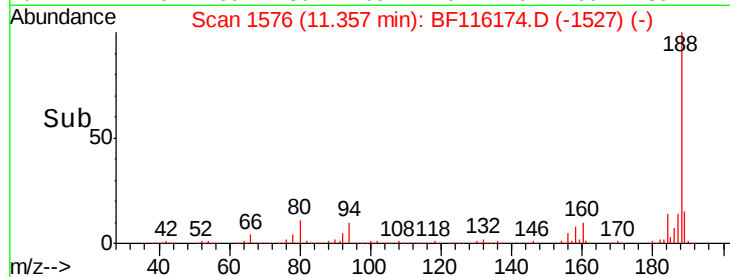
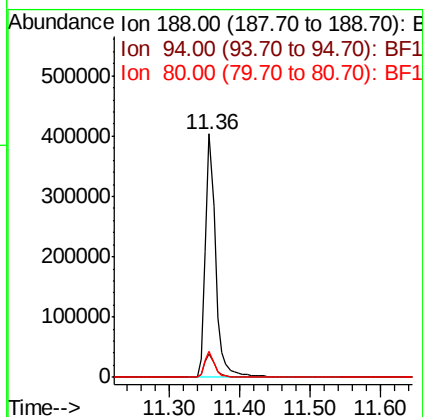
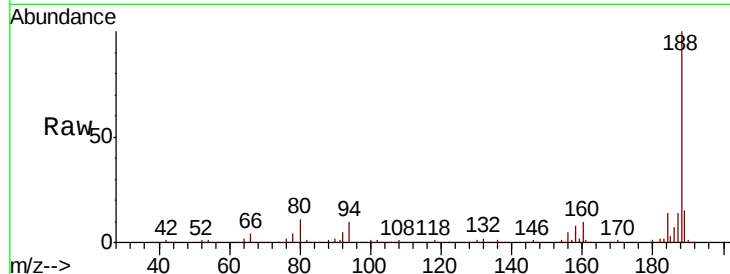




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116174.D
 Acq: 11 Aug 2019 4:31

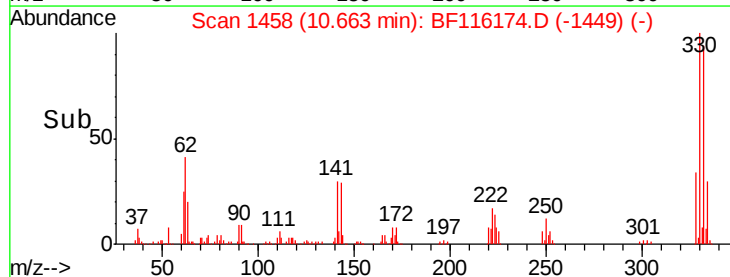
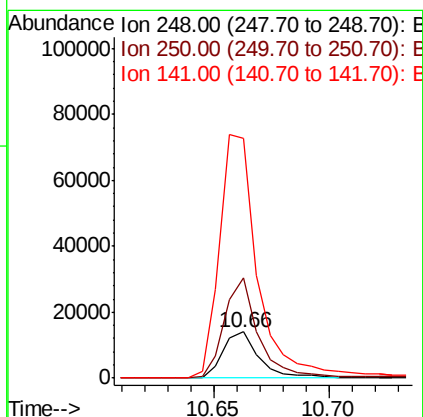
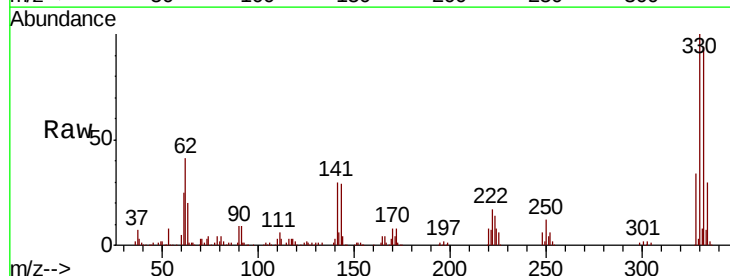
Instrument :
 BNA_F
 ClientSampled :

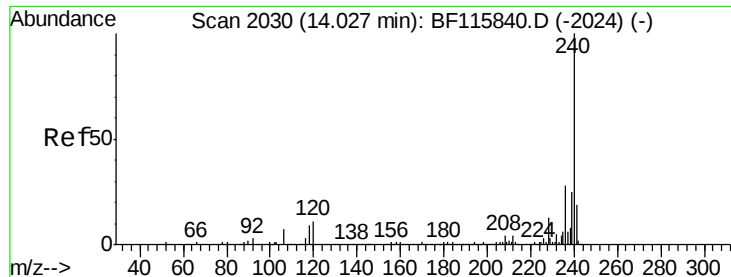
Tot Ion:188 Resp: 406747
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.1 12.1
 80 10.9 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.522 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116174.D
 Acq: 11 Aug 2019 4:31

Tgt Ion:248 Resp: 15334
 Ion Ratio Lower Upper
 248 100
 250 218.0 77.4 116.2#
 141 517.8 56.8 85.2#

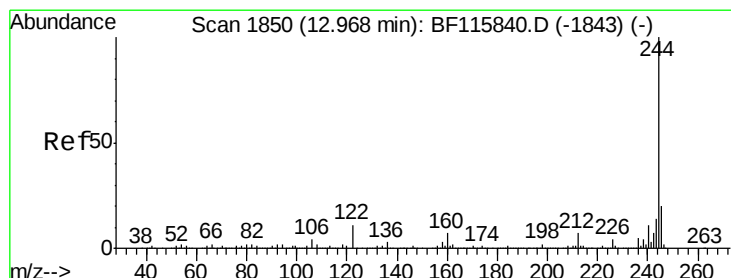
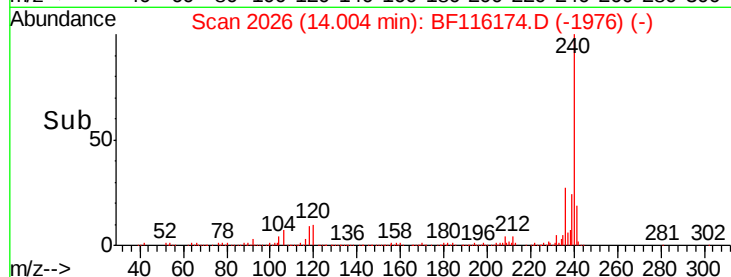
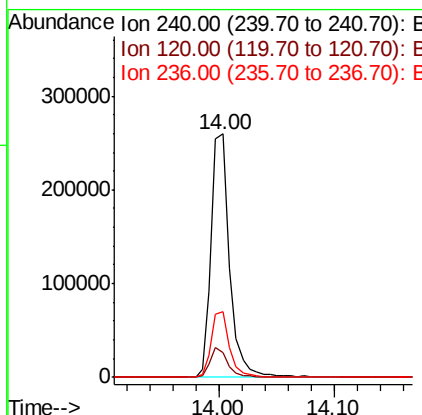
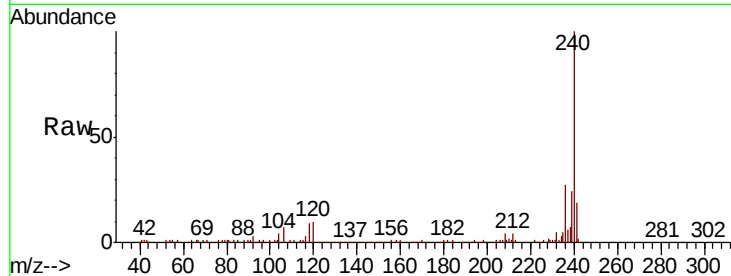




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116174.D
 Acq: 11 Aug 2019 4:31

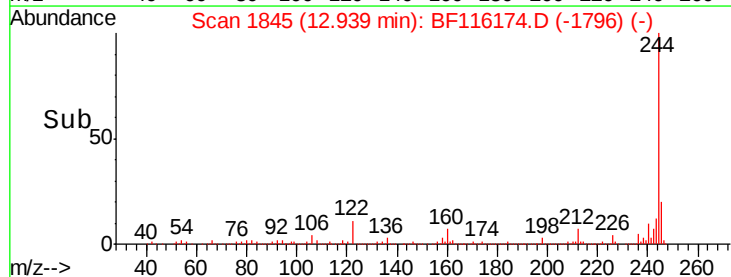
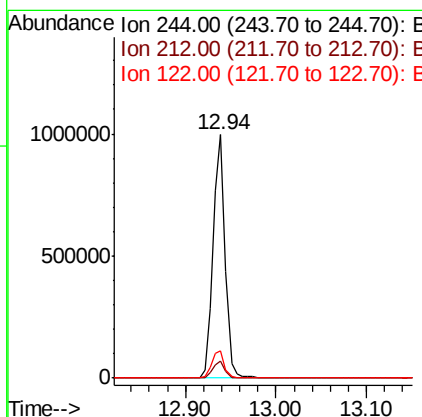
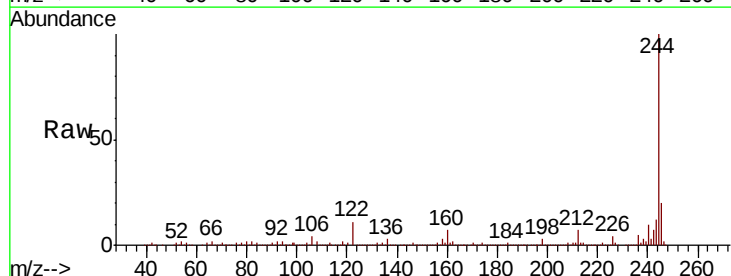
Instrument :
 BNA_F
 ClientSampleId :

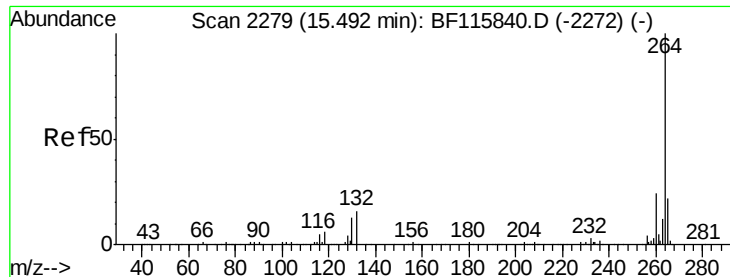
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.7	16.1#
236	27.1	22.2	33.2



#79
 Terphenyl-d14
 Concen: 67.494 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116174.D
 Acq: 11 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.4	9.0	13.4

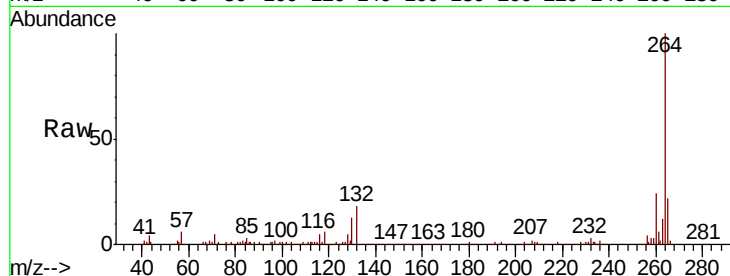




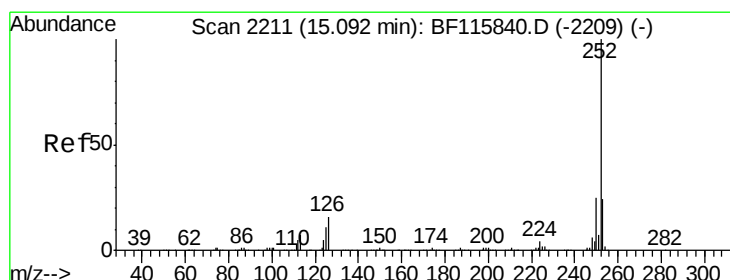
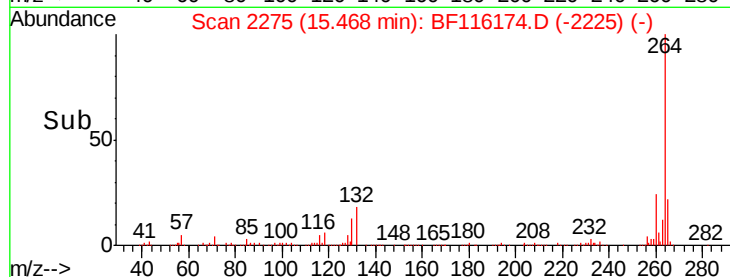
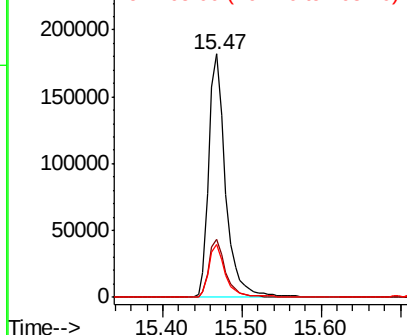
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 270574
Ion Ratio Lower Upper
264 100
260 24.0 19.7 29.5
265 21.7 17.4 26.0

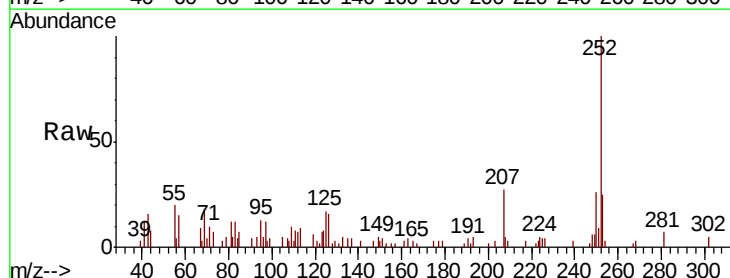


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(k)fluoranthene
Concen: 2.049 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Tgt Ion:252 Resp: 31219
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 16.8 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

