

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114585.D
 Acq On : 24 May 2019 22:18
 Operator : JU/SJ
 Sample : K3008-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-21

Quant Time: May 25 00:24:27 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 24 07:23:33 2019
 Response via : Initial Calibration

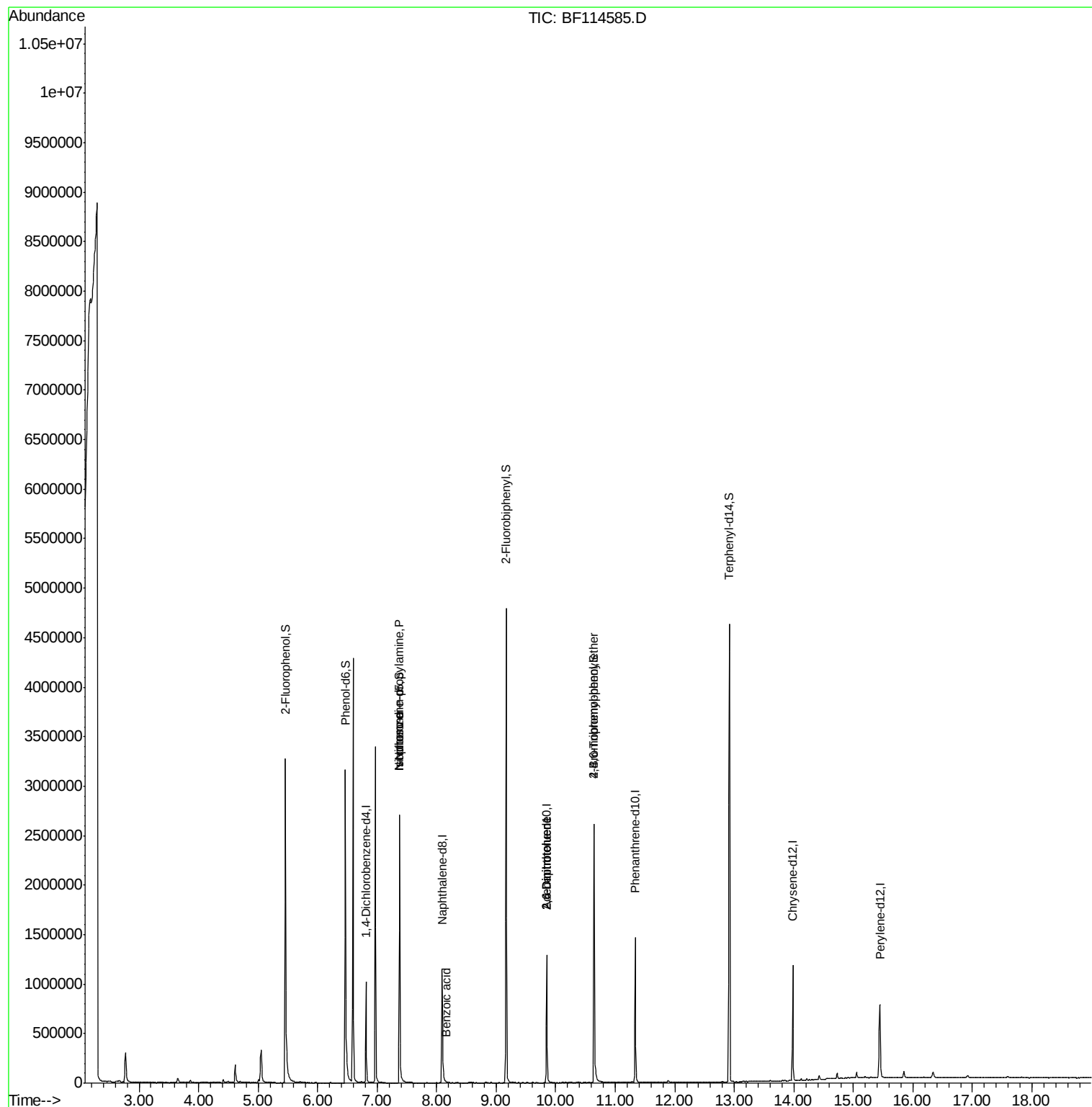
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151566	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	573062	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	275529	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	570728	20.00	ng	0.00
76) Chrysene-d12	13.98	240	418432	20.00	ng	0.00
87) Perylene-d12	15.44	264	384678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1035205	109.91	ng	0.01
7) Phenol-d6	6.46	99	1229190	110.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	889195	87.08	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	374106	131.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1546493	84.90	ng	0.00
79) Terphenyl-d14	12.92	244	1784272	87.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	115990	16.428	ng	# 77
25) Isophorone	7.37	82	889189	46.953	ng	# 64
32) Benzoic acid	8.16	122	341	7.072	ng	# 36
51) 2,6-Dinitrotoluene	9.85	165	34259	7.637	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	34259	5.626	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	23157	3.685	ng	# 1

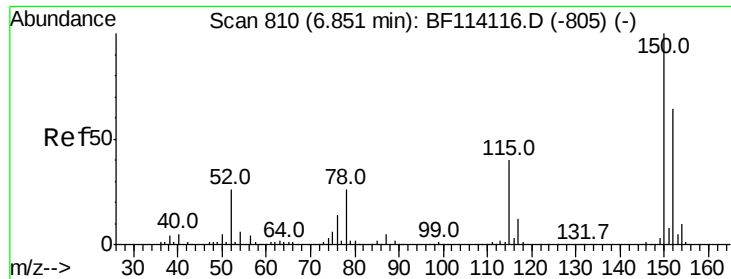
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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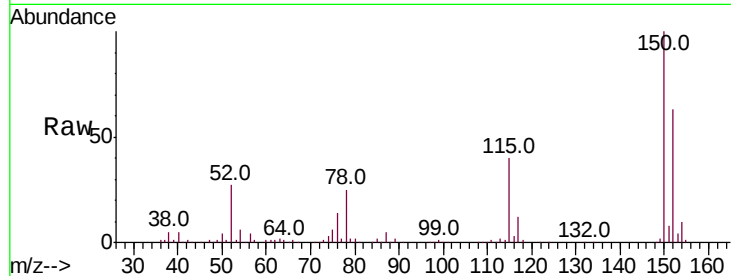


#1

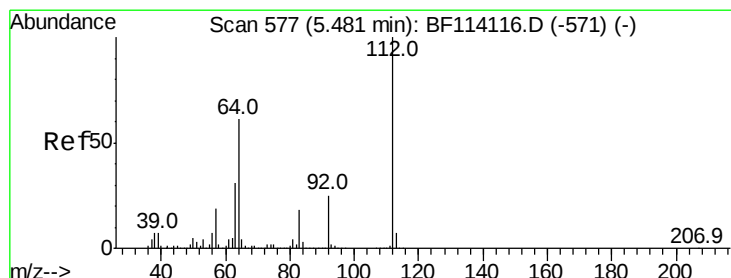
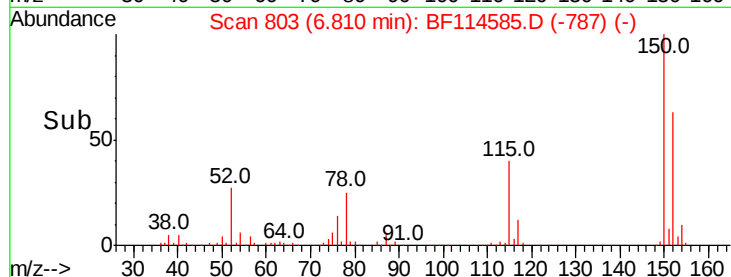
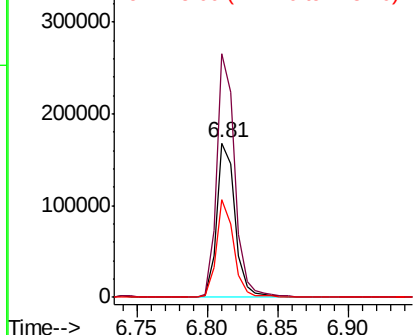
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114585.D
Acq: 24 May 2019 22:18

Instrument :
BNA_F
ClientSampleId :
COMP-21

Tot Ion:152 Resp: 151566
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 63.4 49.1 73.7



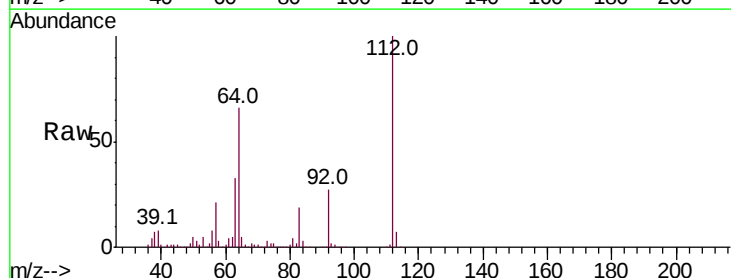
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



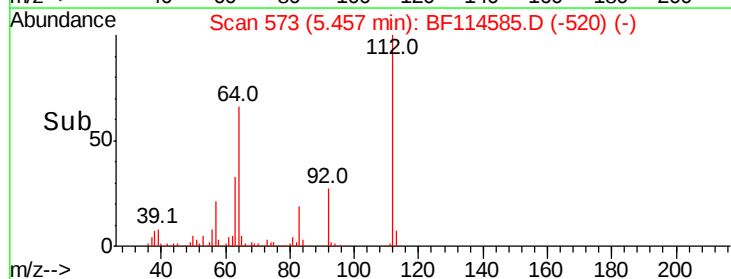
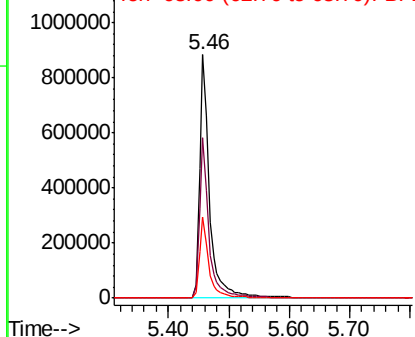
#5

2-Fluorophenol
Concen: 109.914 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114585.D
Acq: 24 May 2019 22:18

Tgt Ion:112 Resp: 1035205
Ion Ratio Lower Upper
112 100
64 65.9 49.0 73.6
63 33.5 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: 110.346 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF114585.D

Acq: 24 May 2019 22:18

Instrument :

BNA_F

ClientSampleId :

COMP-21

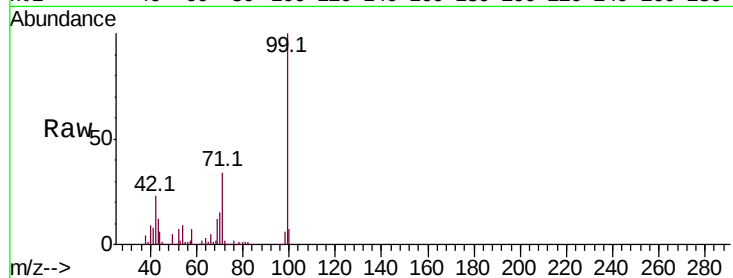
Tot Ion: 99 Resp: 1229190

Ion Ratio Lower Upper

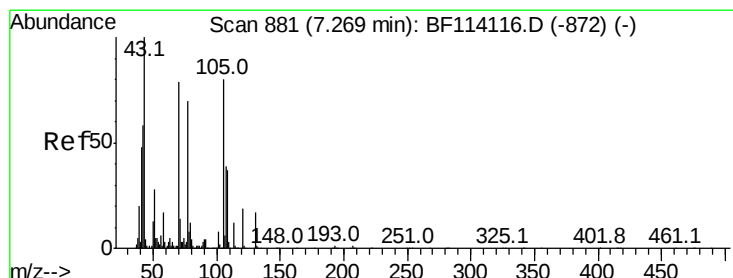
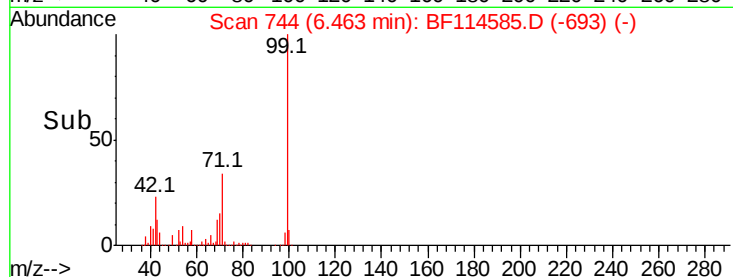
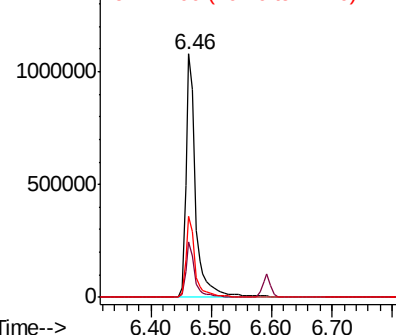
99 100

42 23.0 17.9 26.9

71 33.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.428 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114585.D

Acq: 24 May 2019 22:18

Tgt Ion: 70 Resp: 115990

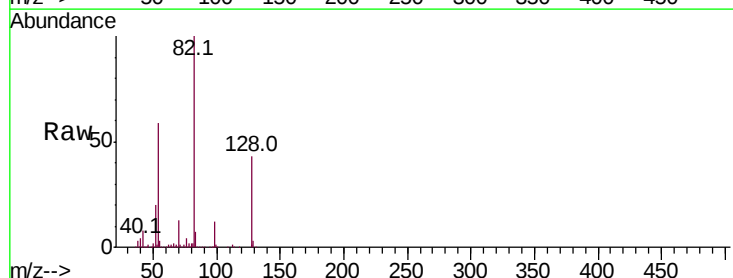
Ion Ratio Lower Upper

70 100

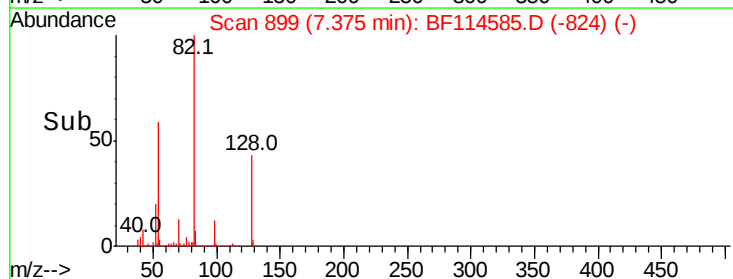
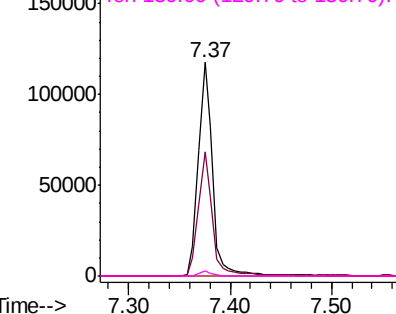
42 58.3 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1

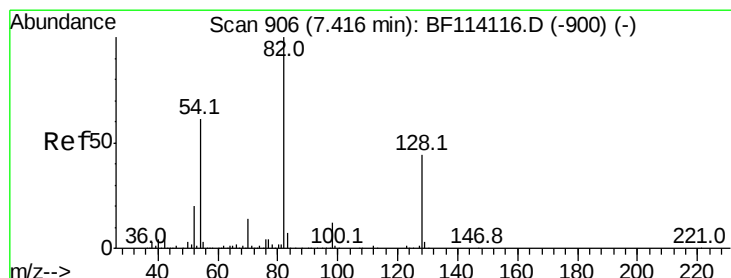
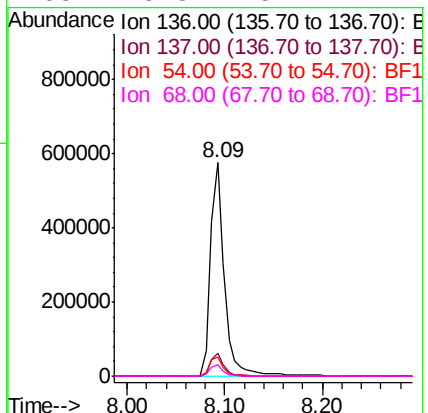
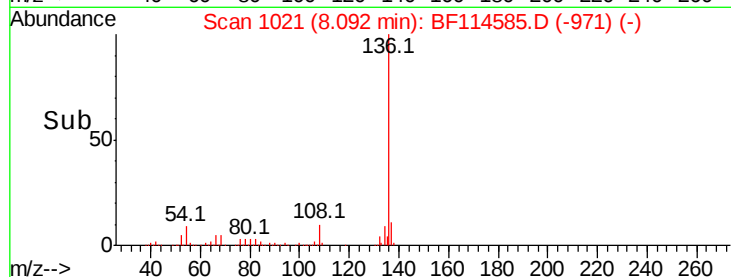
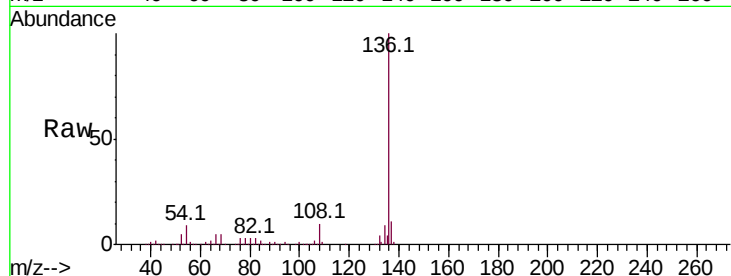




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114585.D
Acq: 24 May 2019 22:18

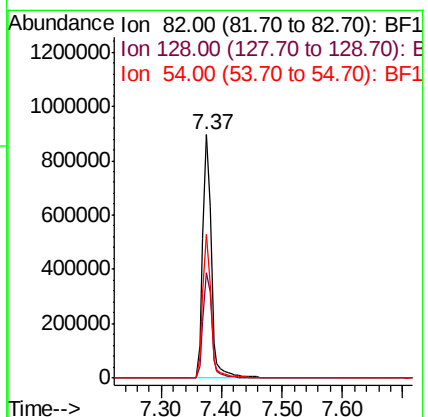
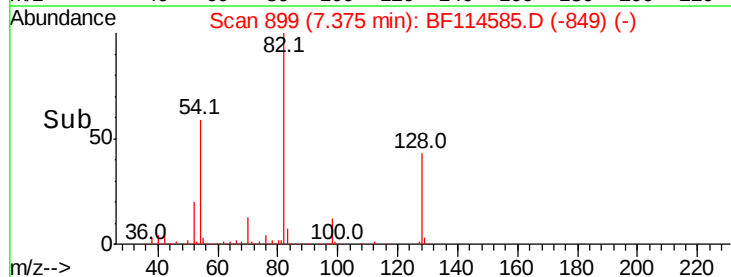
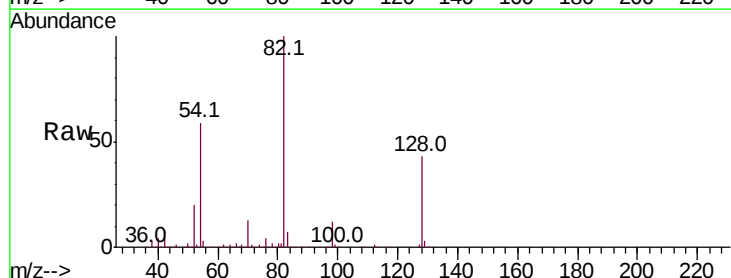
Instrument :
BNA_F
ClientSampleId :
COMP-21

Tot Ion:136	Resp:	573062
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	9.1	7.8 11.8
68	5.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 87.079 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114585.D
Acq: 24 May 2019 22:18

Tgt Ion: 82	Resp:	889195
Ion	Ratio	Lower Upper
82	100	
128	43.5	35.5 53.3
54	58.9	48.5 72.7





#25

Isophorone

Concen: 46.953 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114585.D

Acq: 24 May 2019 22:18

Instrument :

BNA_F

ClientSampleId :

COMP-21

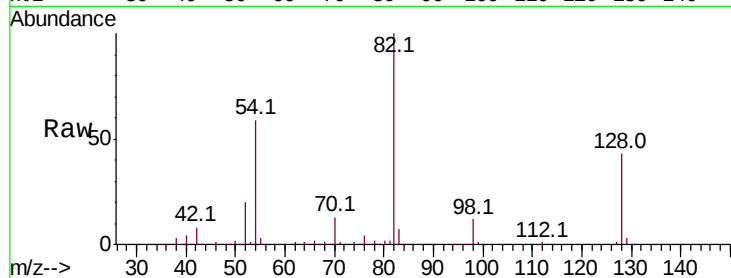
Tot Ion: 82 Resp: 889189

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

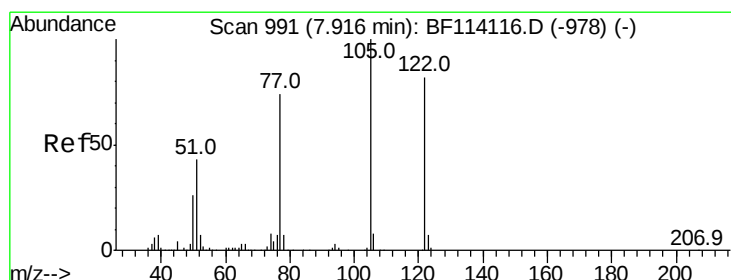
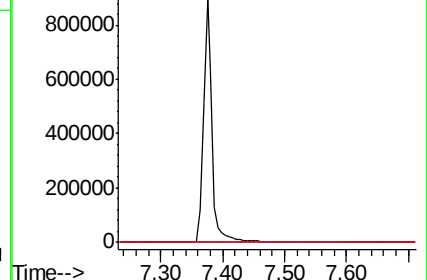
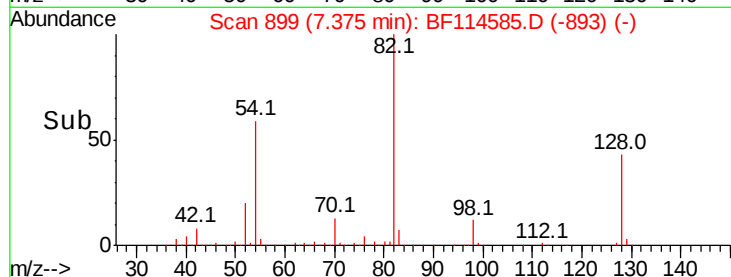
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.072 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.25 min

Lab File: BF114585.D

Acq: 24 May 2019 22:18

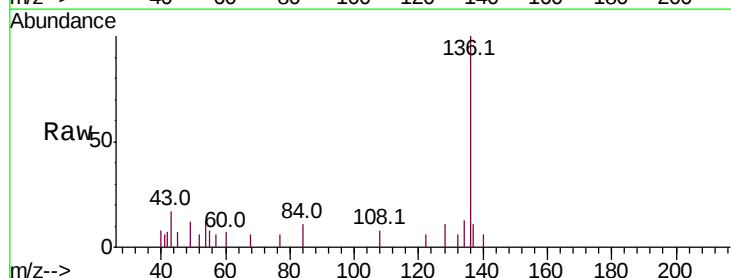
Tgt Ion: 122 Resp: 341

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

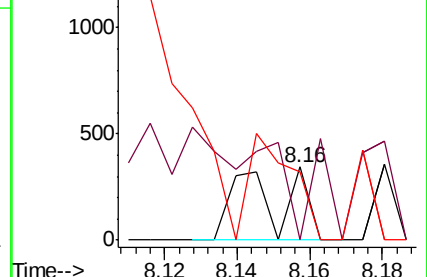
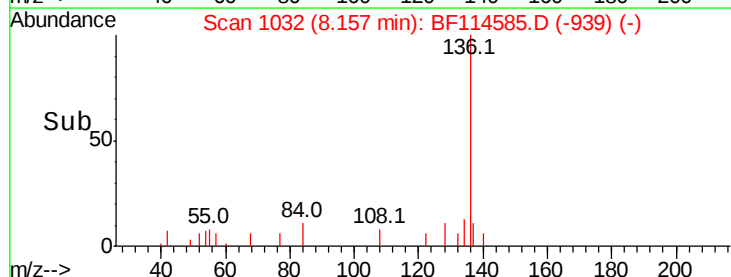
77 94.2 69.4 109.4

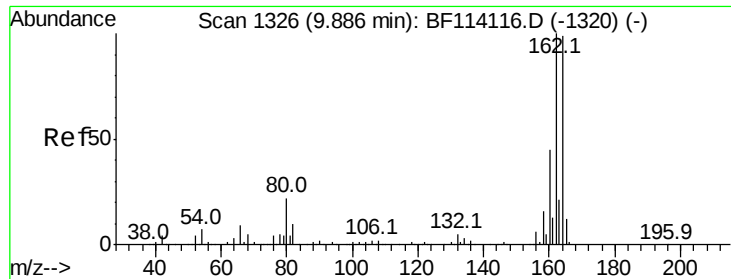


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

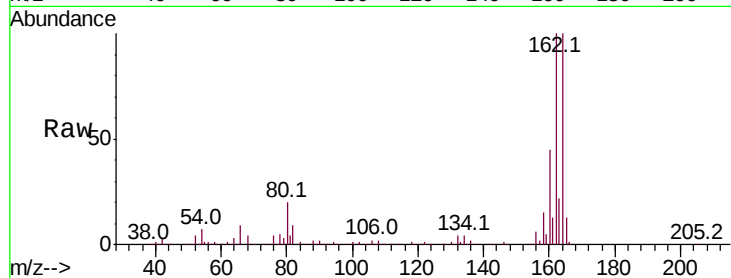




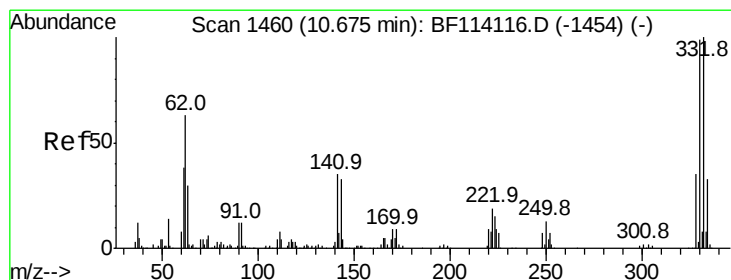
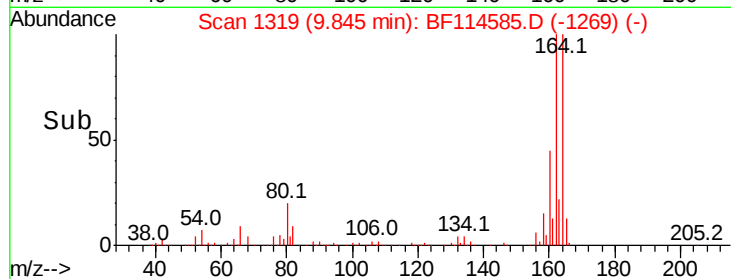
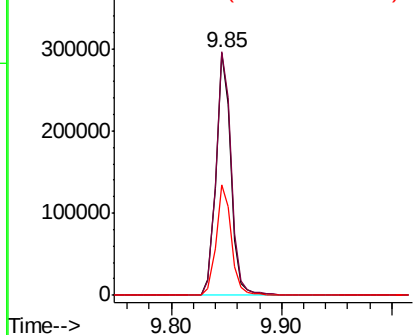
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114585.D
 Acq: 24 May 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 COMP-21

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	45.4	36.5	54.7

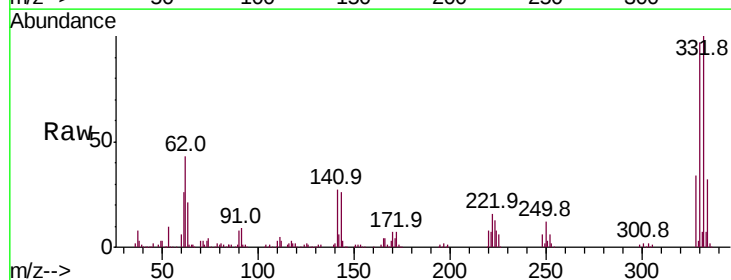


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

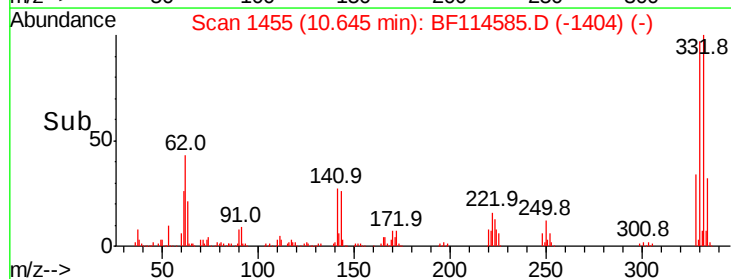
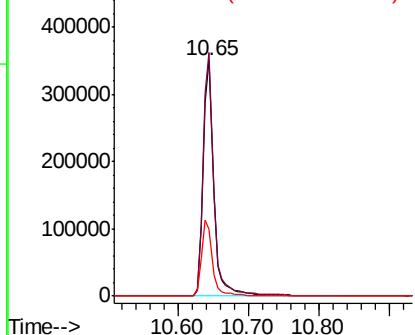


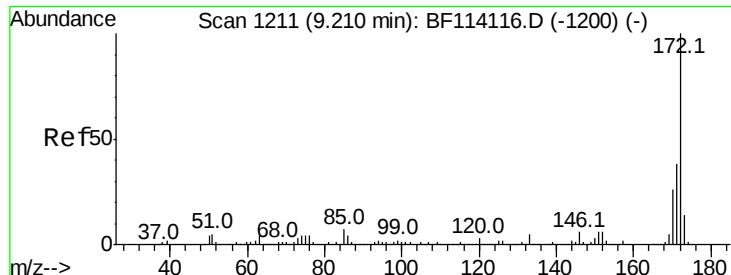
#42
 2,4,6-Tribromophenol
 Concen: 131.334 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF114585.D
 Acq: 24 May 2019 22:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	33.0	26.6	40.0



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



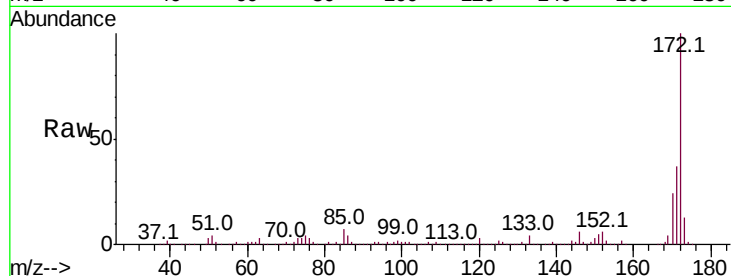


#45
 2-Fluorobiphenyl
 Concen: 84.903 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114585.D
 Acq: 24 May 2019 22:18

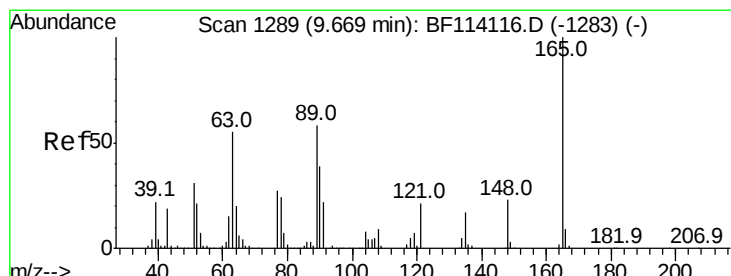
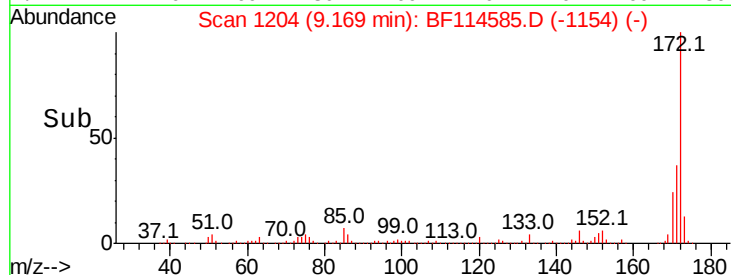
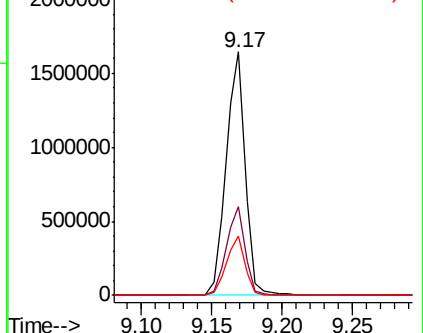
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1546493

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.3	20.5	30.7



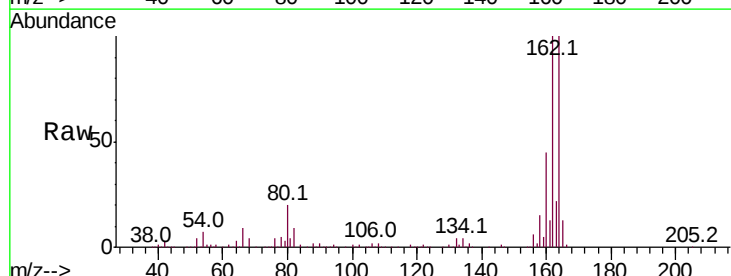
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



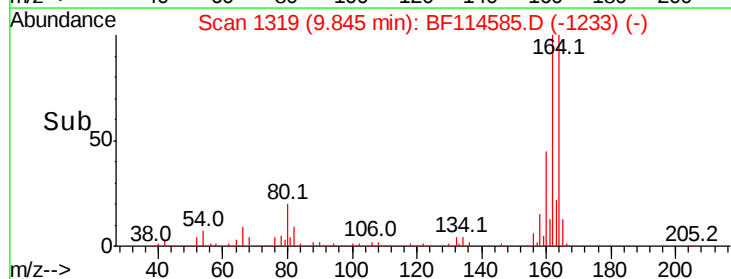
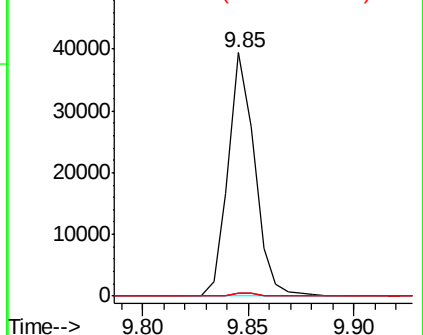
#51
 2,6-Dinitrotoluene
 Concen: 7.637 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114585.D
 Acq: 24 May 2019 22:18

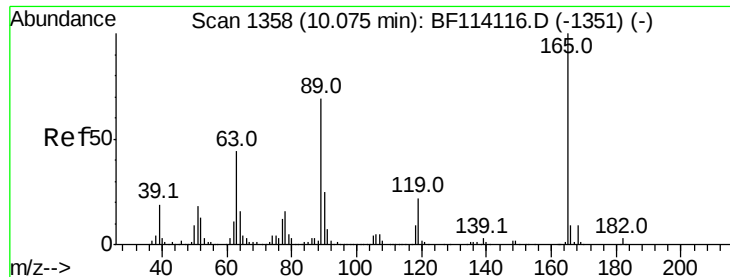
Tgt Ion:165 Resp: 34259

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.2	46.6	69.8#



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

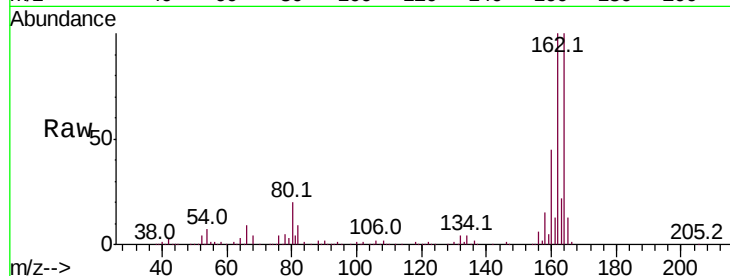




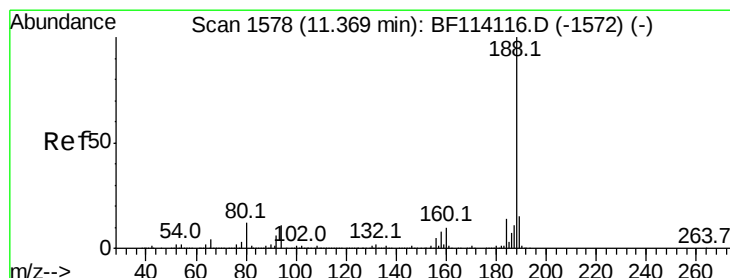
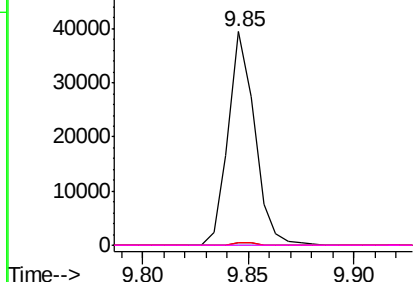
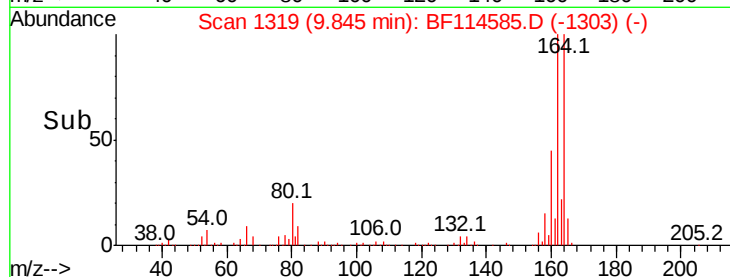
#57
 2,4-Dinitrotoluene
 Concen: 5.626 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114585.D
 Acq: 24 May 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 COMP-21

Tot Ion:165 Resp: 34259
 Ion Ratio Lower Upper
 165 100
 63 1.3 35.5 53.3#
 89 1.2 55.2 82.8#
 182 0.0 2.2 3.2#

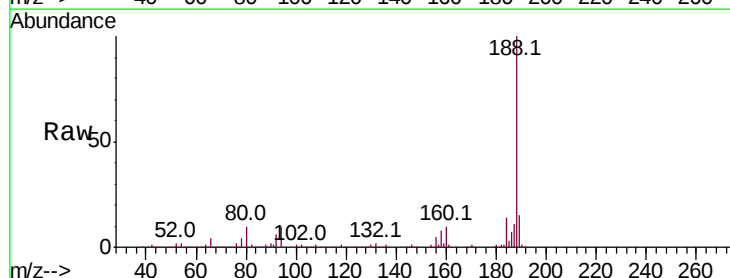


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

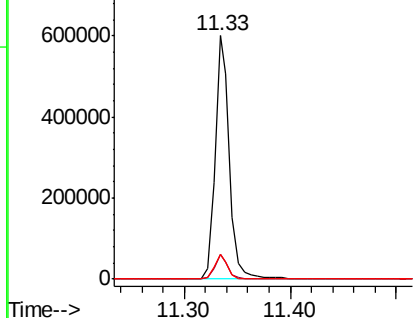
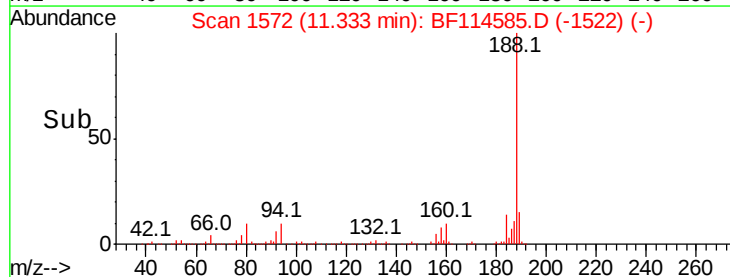


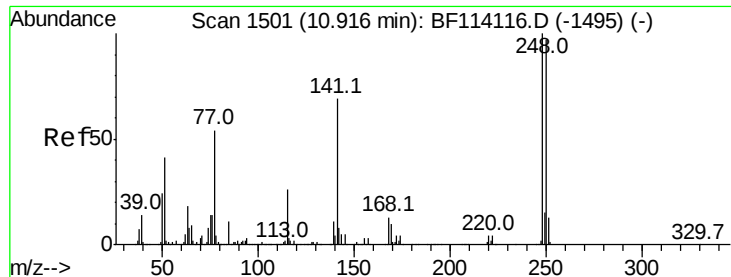
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF114585.D
 Acq: 24 May 2019 22:18

Tgt Ion:188 Resp: 570728
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.4 12.6
 80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

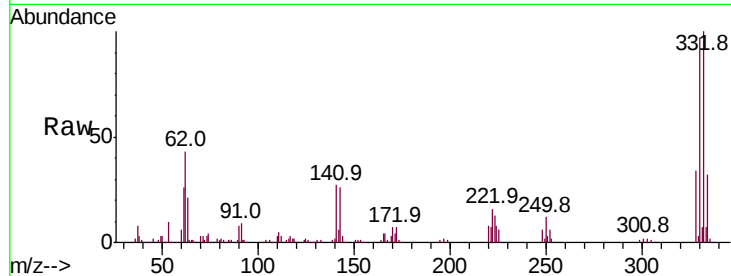




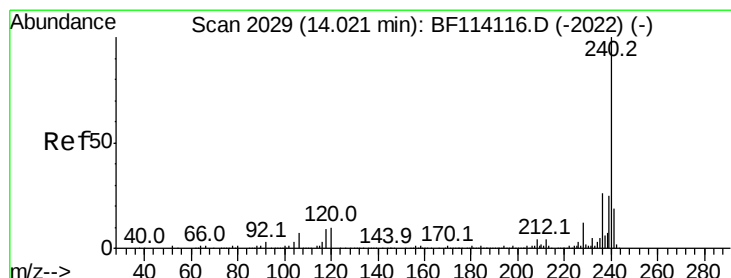
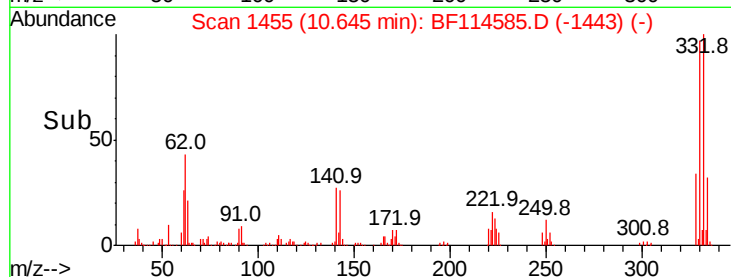
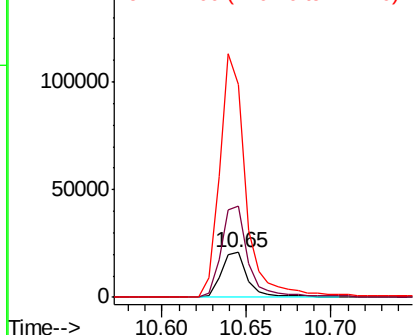
#67
4-Bromophenyl-phenylether
Concen: 3.685 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114585.D
Acq: 24 May 2019 22:18

Instrument :
BNA_F
ClientSampleId :
COMP-21

Tot Ion:248 Resp: 23157
Ion Ratio Lower Upper
248 100
250 204.2 77.4 116.2#
141 476.5 55.6 83.4#

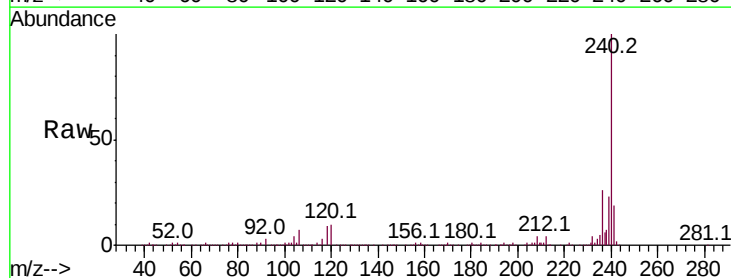


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

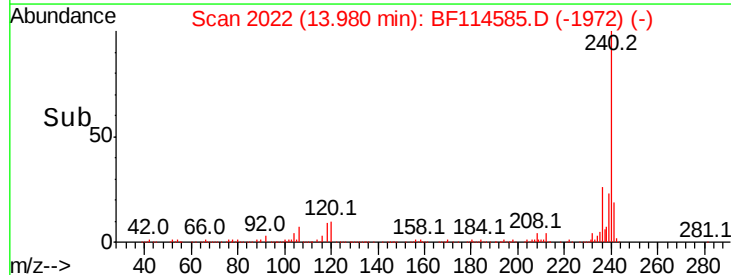
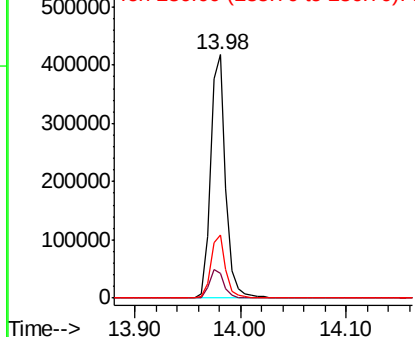


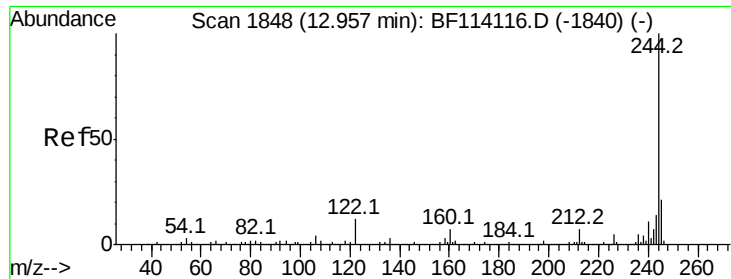
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114585.D
Acq: 24 May 2019 22:18

Tgt Ion:240 Resp: 418432
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.0 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.903 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF114585.D

Acq: 24 May 2019 22:18

Instrument :

BNA_F

ClientSampleId :

COMP-21

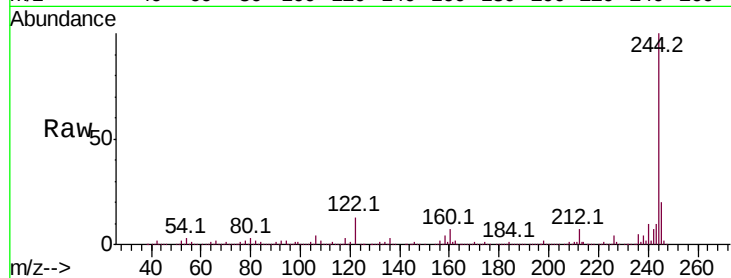
Tot Ion:244 Resp: 1784272

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

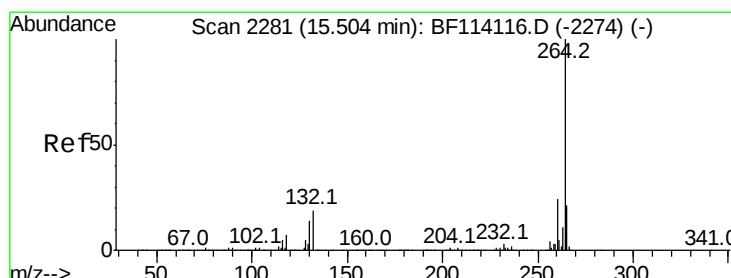
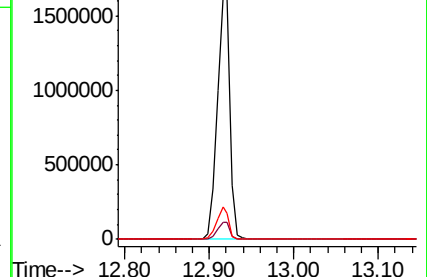
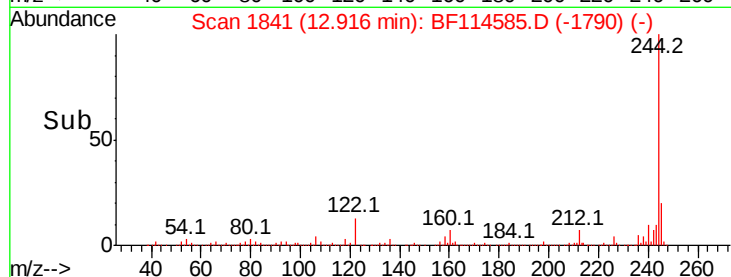
122 13.1 9.4 14.2



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: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114585.D

Acq: 24 May 2019 22:18

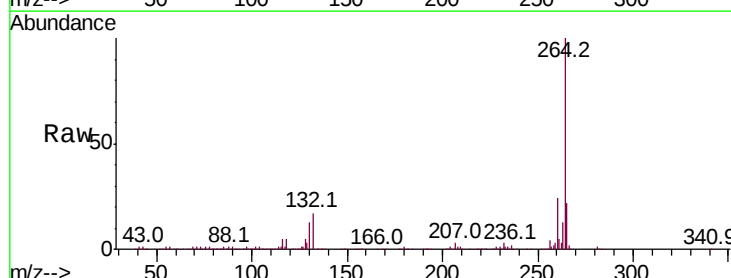
Tgt Ion:264 Resp: 384678

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.3 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

