

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114583.D
 Acq On : 24 May 2019 21:25
 Operator : JU/SJ
 Sample : K2790-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0509-DH-4

Quant Time: May 24 22:37:56 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

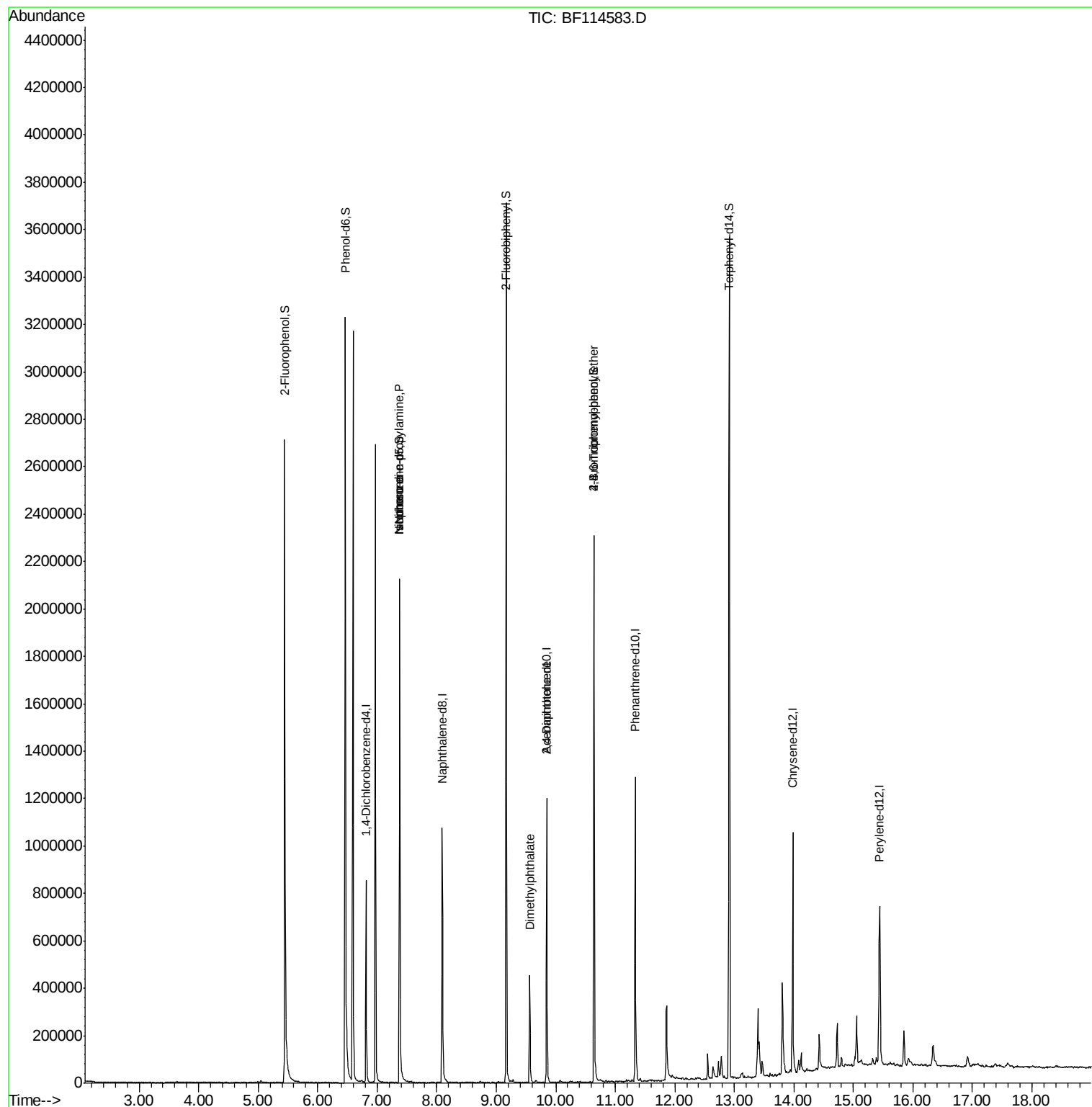
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130593	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	495252	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	242024	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	493197	20.00	ng	0.00
76) Chrysene-d12	13.98	240	323527	20.00	ng	0.00
87) Perylene-d12	15.44	264	314377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	858636	105.81	ng	0.00
7) Phenol-d6	6.46	99	1121367	116.83	ng	0.00
23) Nitrobenzene-d5	7.37	82	674498	76.43	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	281907	112.67	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1104271	69.02	ng	0.00
79) Terphenyl-d14	12.92	244	1187260	75.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	87543	14.390	ng	Qvalue # 76
25) Isophorone	7.37	82	674494	41.212	ng	# 64
50) Dimethylphthalate	9.56	163	180578	10.164	ng	98
57) 2,4-Dinitrotoluene	9.85	165	30362	5.677	ng	# 24
67) 4-Bromophenyl-phenylether	10.64	248	18521	3.411	ng	# 1

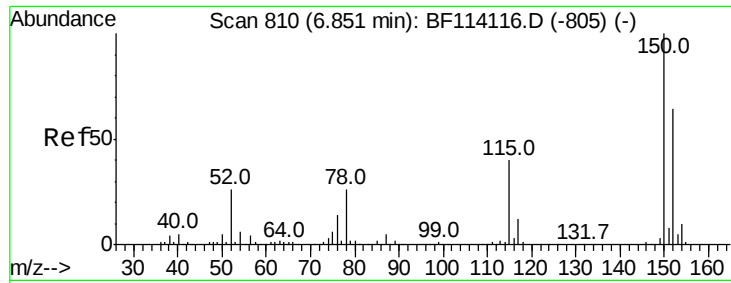
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



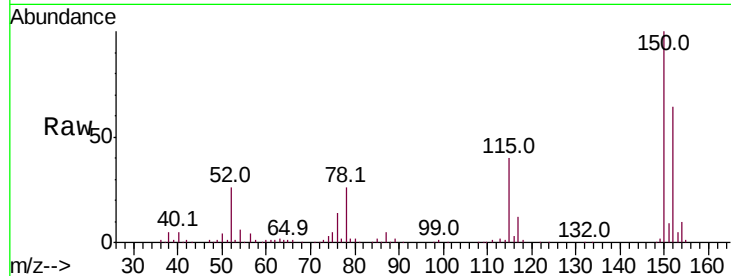


#1

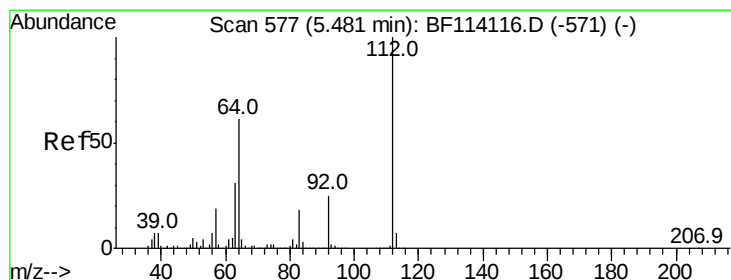
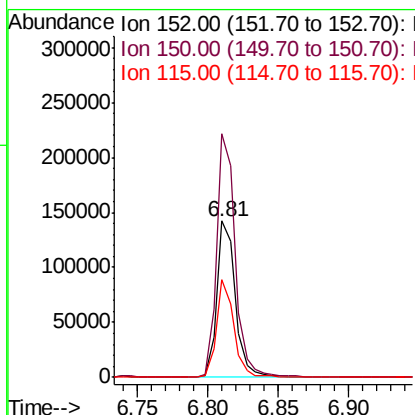
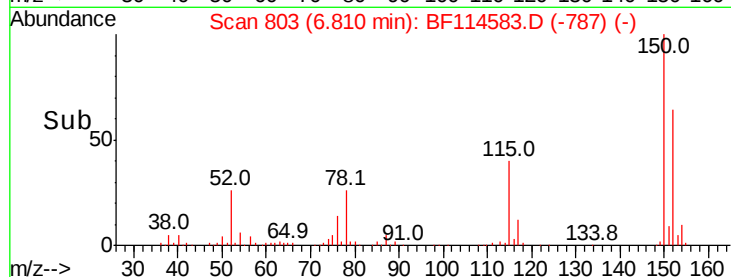
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114583.D
Acq: 24 May 2019 21:25

Instrument :
BNA_F
ClientSampleId :
SSSI-0509-DH-4

Tot Ion:152 Resp: 130593
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 62.2 49.1 73.7



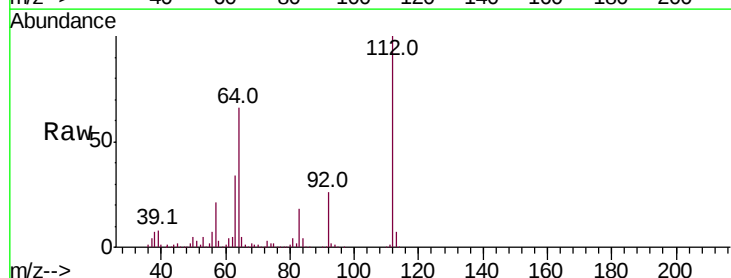
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



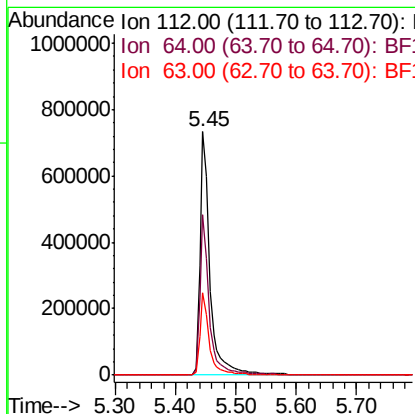
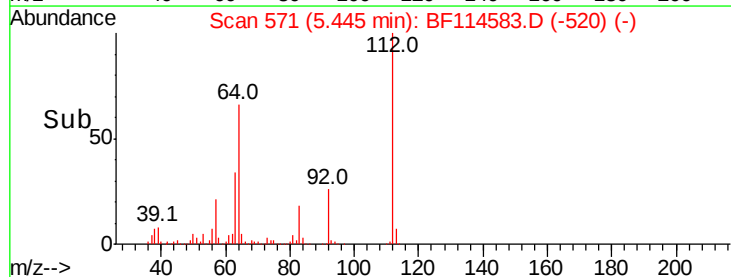
#5

2-Fluorophenol
Concen: 105.807 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114583.D
Acq: 24 May 2019 21:25

Tgt Ion:112 Resp: 858636
Ion Ratio Lower Upper
112 100
64 66.0 49.0 73.6
63 33.6 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: 116.834 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114583.D

Acq: 24 May 2019 21:25

Instrument :

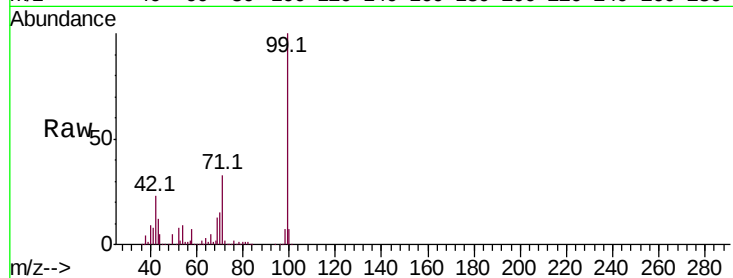
BNA_F

ClientSampleId :

SSSI-0509-DH-4

Tot Ion: 99 Resp: 1121367

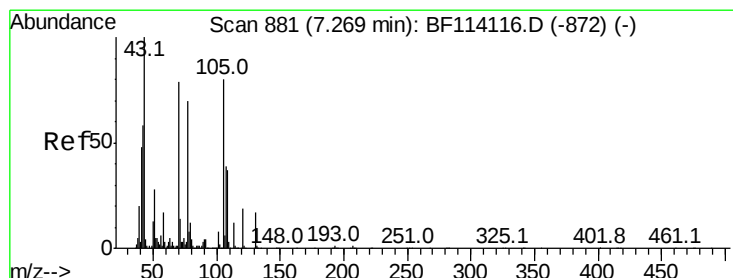
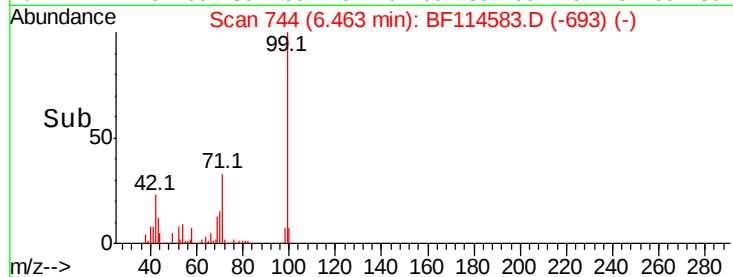
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	33.4	26.2	39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

1500000 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: 14.390 ng

RT: 7.37 min Scan# 899

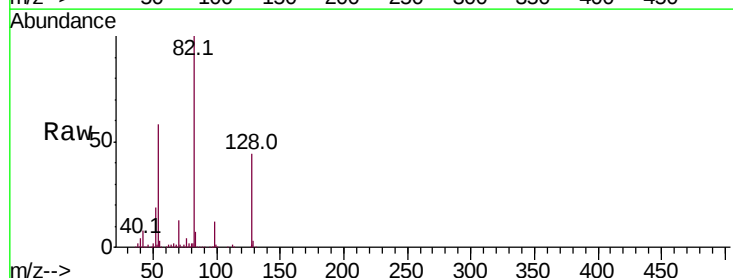
Delta R.T. 0.14 min

Lab File: BF114583.D

Acq: 24 May 2019 21:25

Tgt Ion: 70 Resp: 87543

Ion	Ratio	Lower	Upper
70	100		
42	56.9	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#

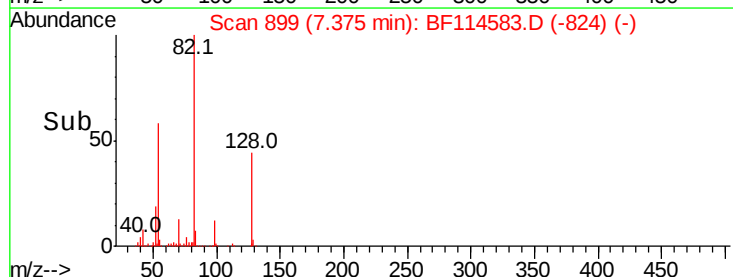


Abundance Ion 70.00 (69.70 to 70.70): BF1

150000 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: BF114583.D

Acq: 24 May 2019 21:25

Instrument :

BNA_F

ClientSampleId :

SSSI-0509-DH-4

Tot Ion:136 Resp: 495252

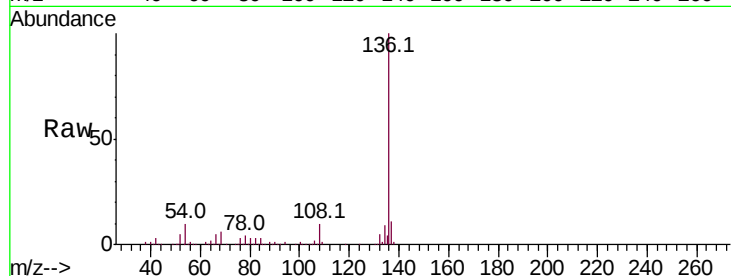
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.7 7.8 11.8

68 6.1 5.1 7.7

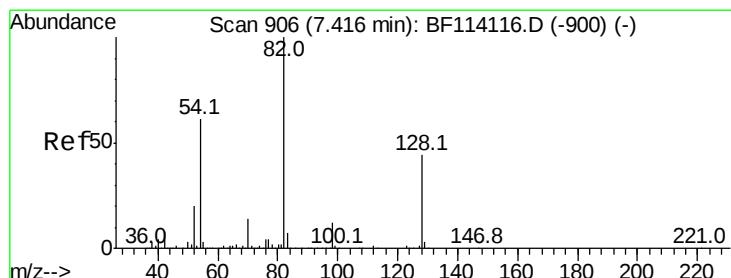
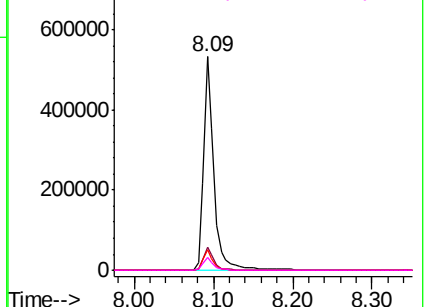
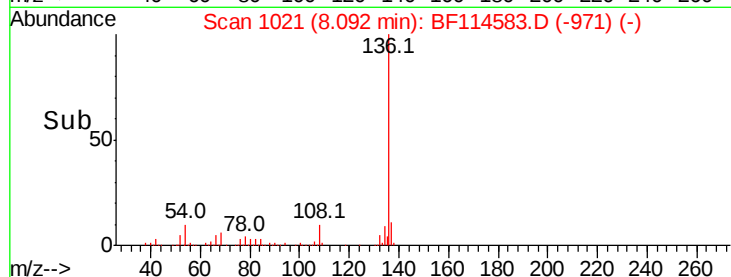


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.432 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114583.D

Acq: 24 May 2019 21:25

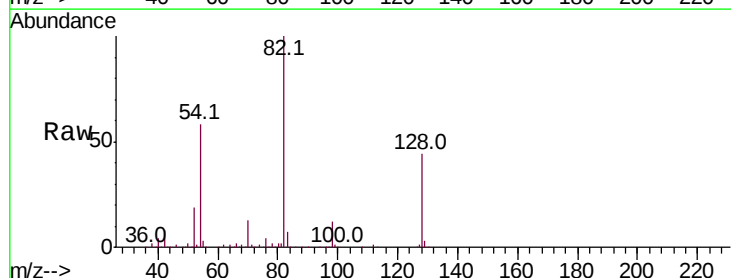
Tgt Ion: 82 Resp: 674498

Ion Ratio Lower Upper

82 100

128 44.1 35.5 53.3

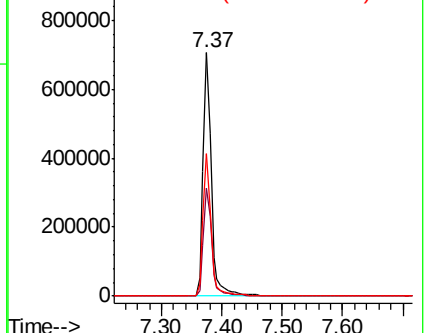
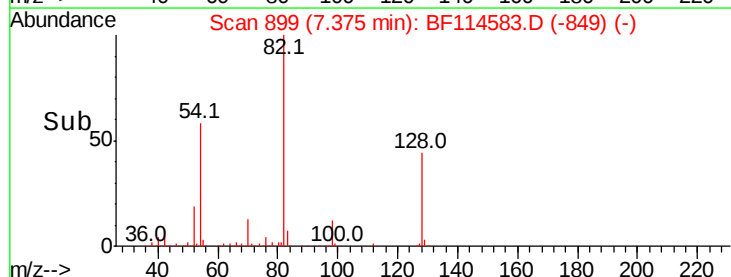
54 58.3 48.5 72.7



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: 41.212 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114583.D

Acq: 24 May 2019 21:25

Instrument :

BNA_F

ClientSampleId :

SSSI-0509-DH-4

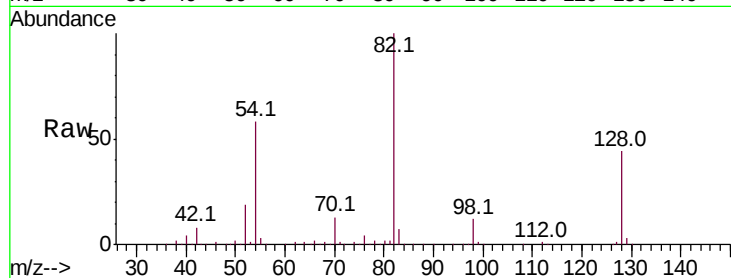
Tot Ion: 82 Resp: 674494

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

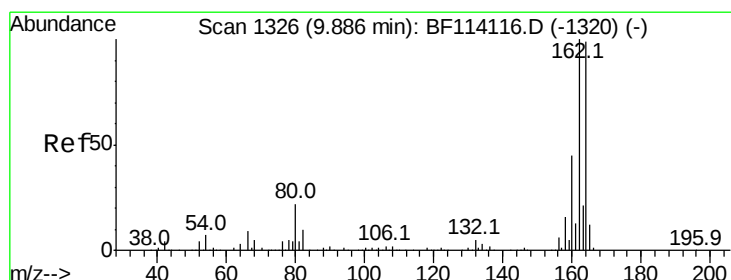
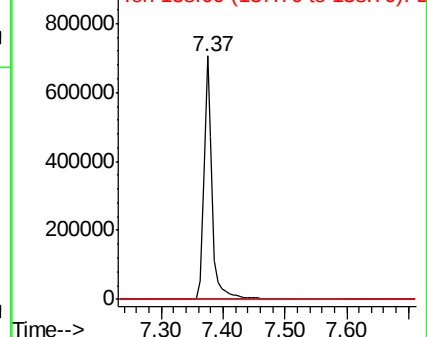
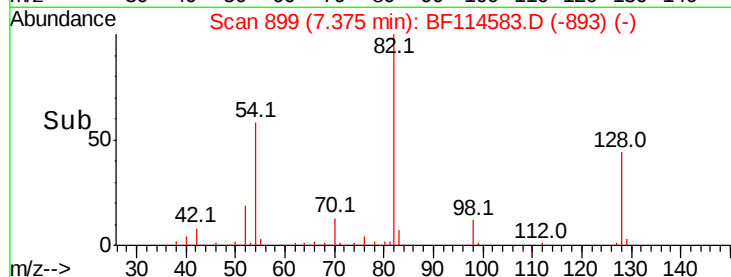
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114583.D

Acq: 24 May 2019 21:25

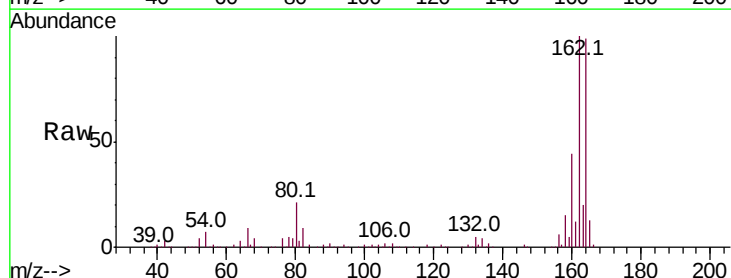
Tgt Ion:164 Resp: 242024

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

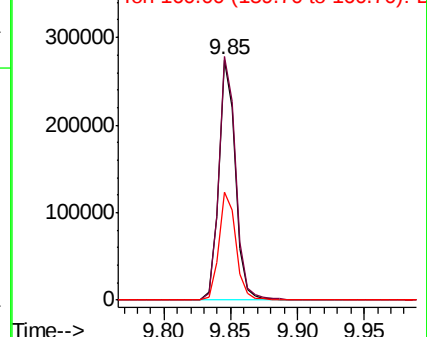
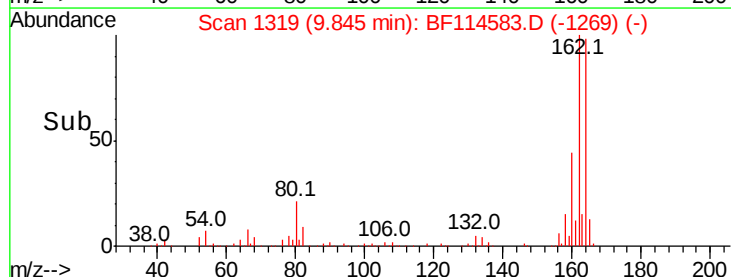
160 44.9 36.5 54.7

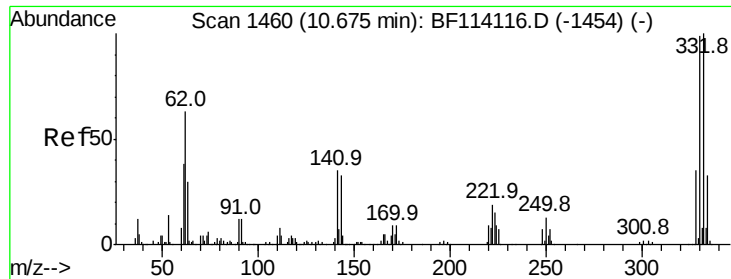


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

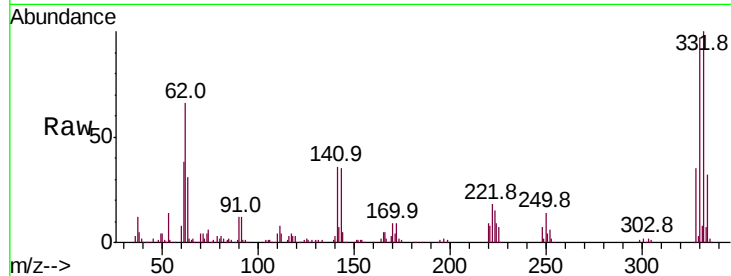




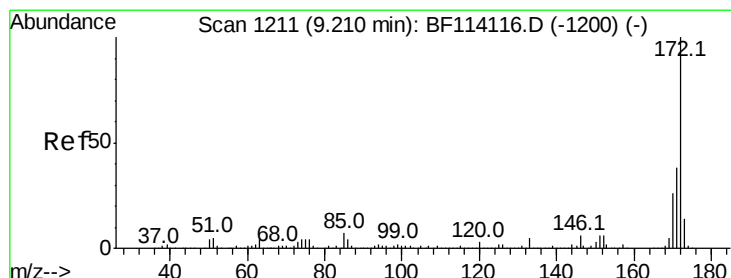
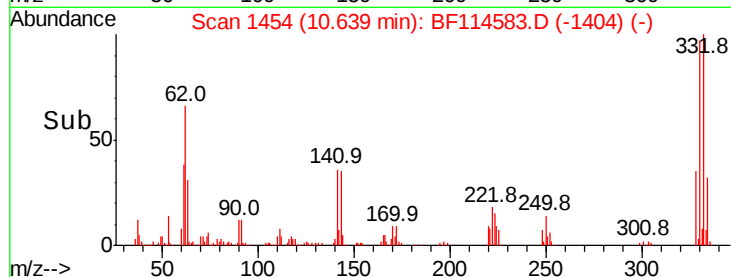
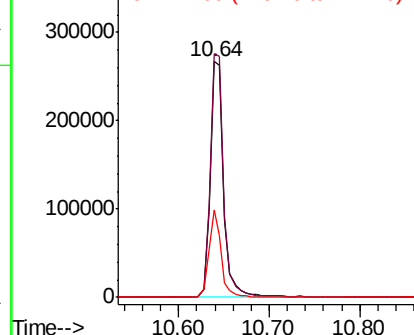
#42
 2,4,6-Tribromophenol
 Concen: 112.667 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114583.D
 Acq: 24 May 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0509-DH-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.7	81.4	122.2
141	33.7	26.6	40.0

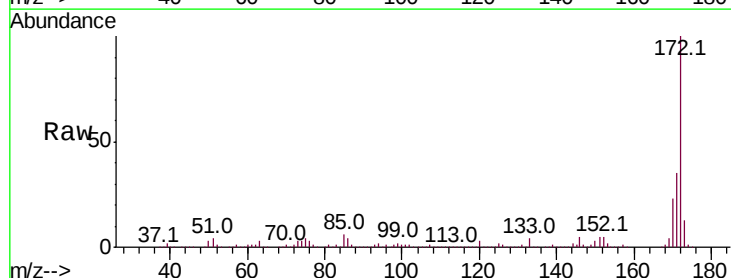


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

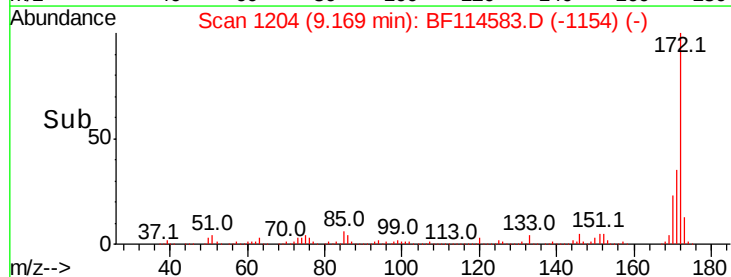
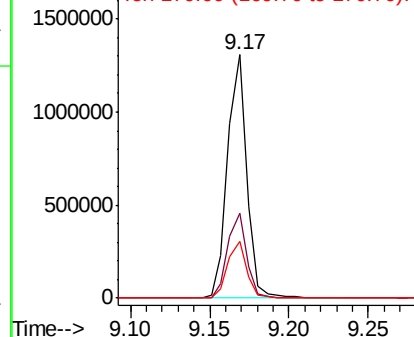


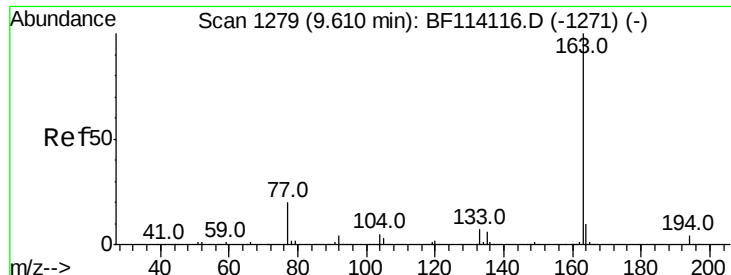
#45
 2-Fluorobiphenyl
 Concen: 69.018 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114583.D
 Acq: 24 May 2019 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.7	46.1
170	23.3	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

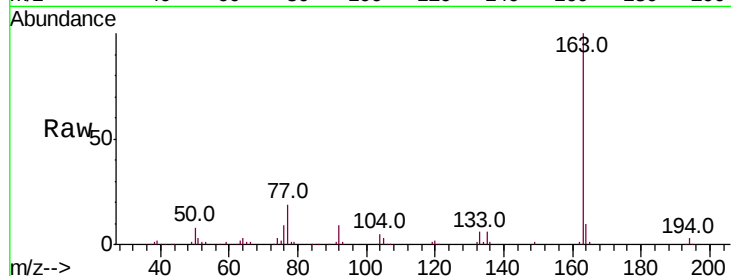




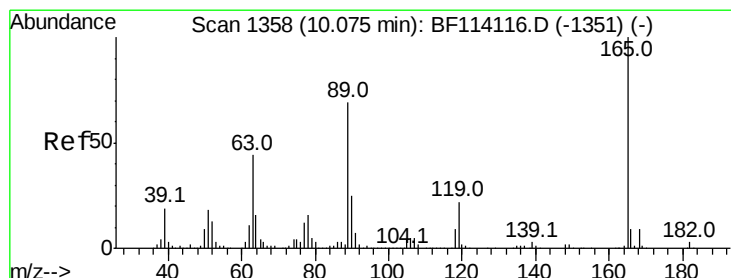
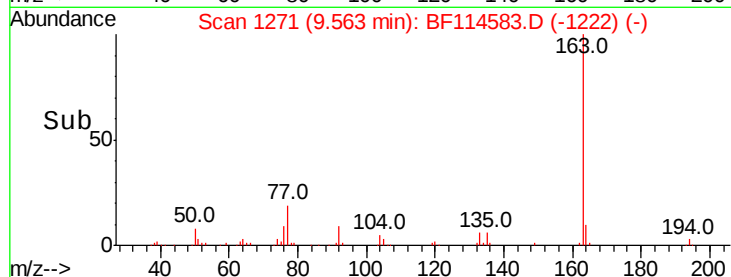
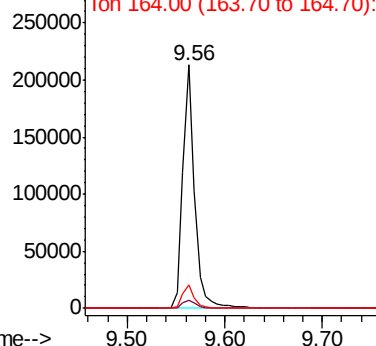
#50
Dimethylphthalate
Concen: 10.164 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114583.D
Acq: 24 May 2019 21:25

Instrument :
BNA_F
ClientSampleId :
SSSI-0509-DH-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	9.8	8.2	12.2

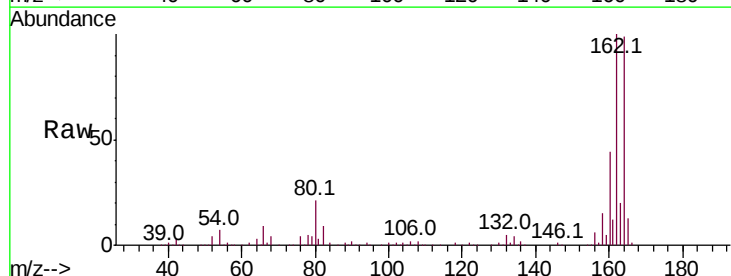


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

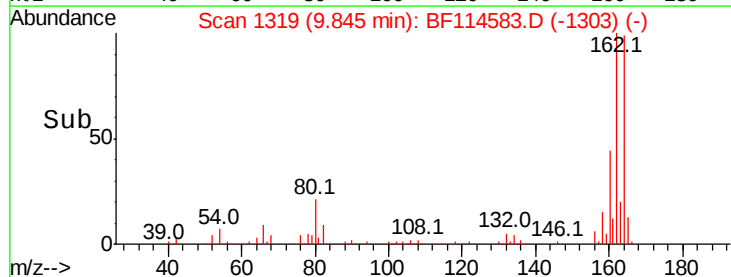
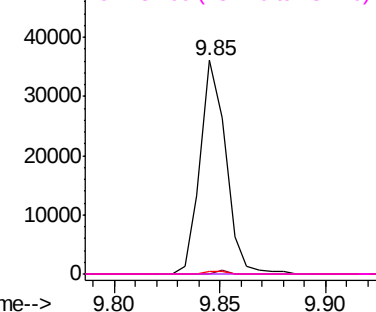


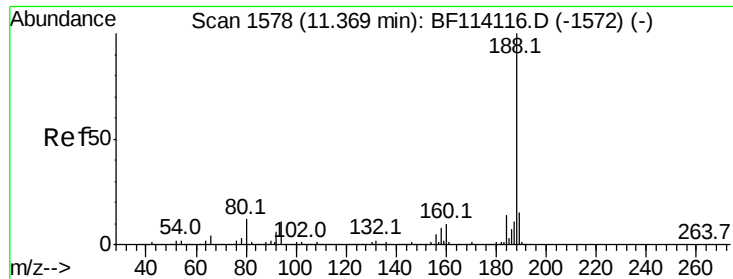
#57
2,4-Dinitrotoluene
Concen: 5.677 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF114583.D
Acq: 24 May 2019 21:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.5	53.3#
89	1.1	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: BF114583.D

Acq: 24 May 2019 21:25

Instrument :

BNA_F

ClientSampleId :

SSSI-0509-DH-4

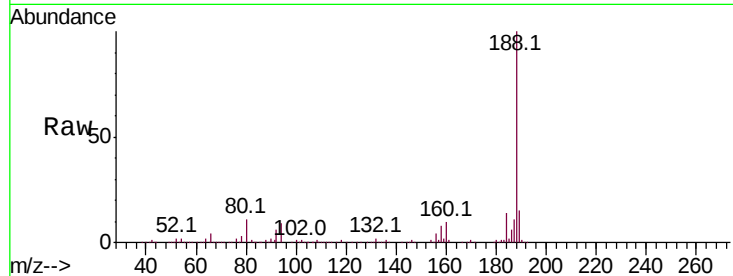
Tot Ion:188 Resp: 493197

Ion Ratio Lower Upper

188 100

94 9.3 8.4 12.6

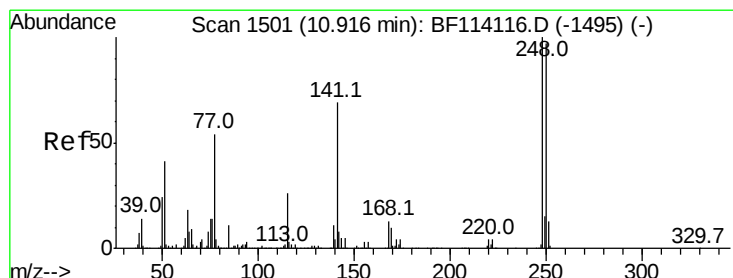
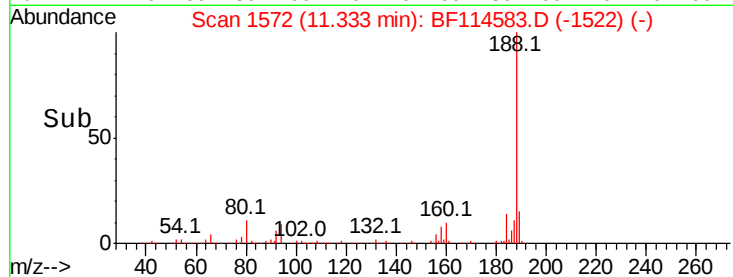
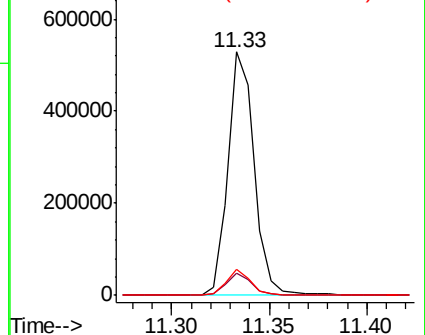
80 10.6 9.2 13.8



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: 3.411 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF114583.D

Acq: 24 May 2019 21:25

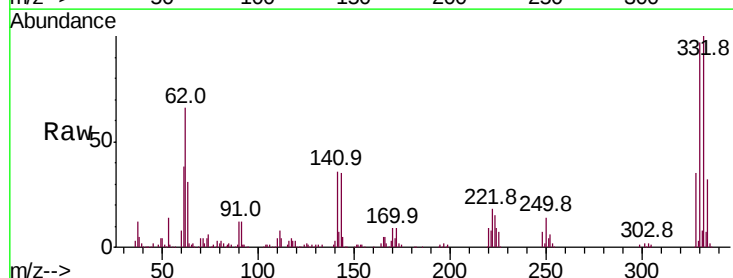
Tgt Ion:248 Resp: 18521

Ion Ratio Lower Upper

248 100

250 198.0 77.4 116.2#

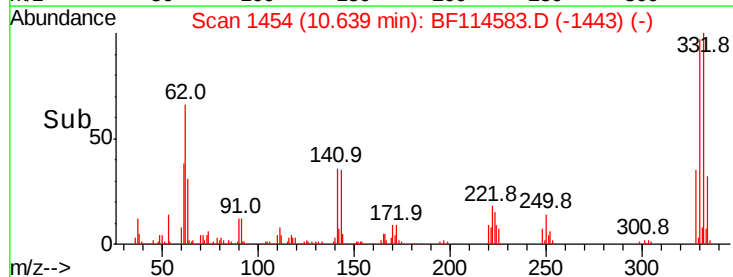
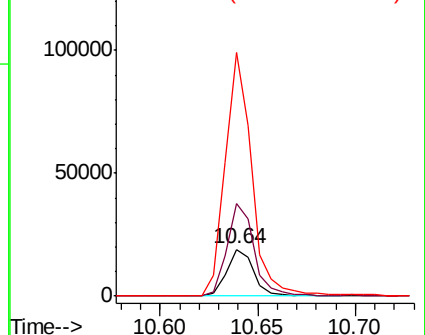
141 517.6 55.6 83.4#

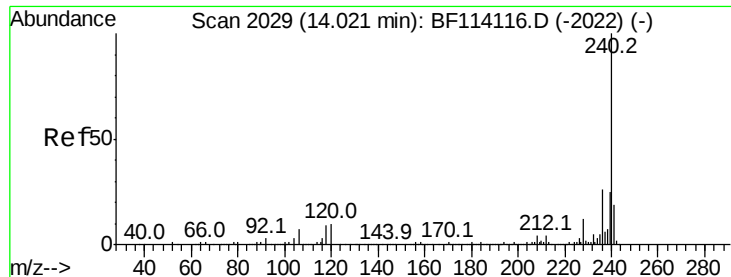


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF114583.D

Acq: 24 May 2019 21:25

Instrument :

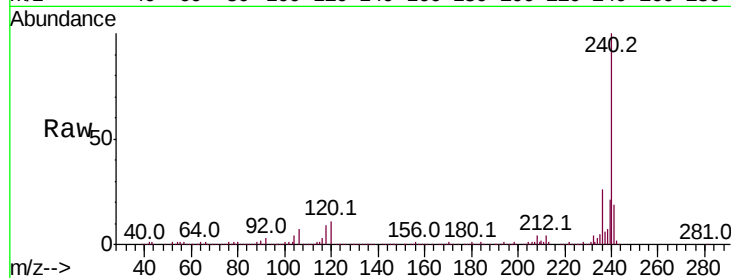
BNA_F

ClientSampleId :

SSSI-0509-DH-4

Tot Ion:240 Resp: 323527

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.7	20.8	31.2

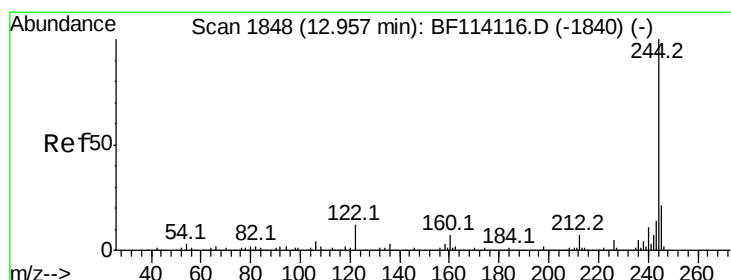
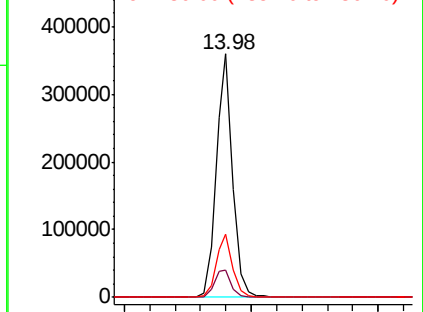
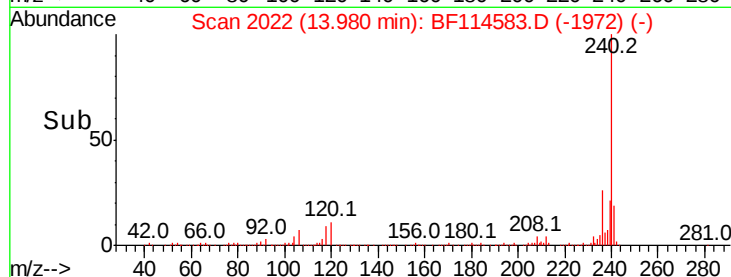


Abundance

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: 75.649 ng

RT: 12.92 min Scan# 1841

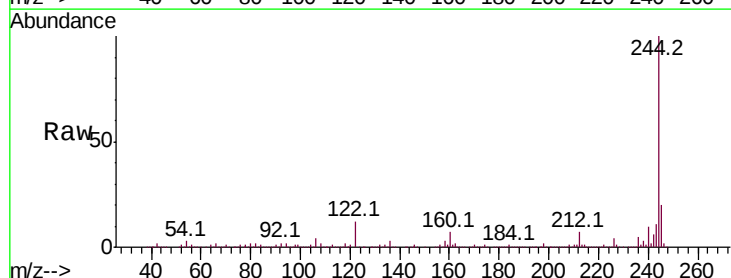
Delta R.T. -0.00 min

Lab File: BF114583.D

Acq: 24 May 2019 21:25

Tgt Ion:244 Resp: 1187260

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.0	9.4	14.2

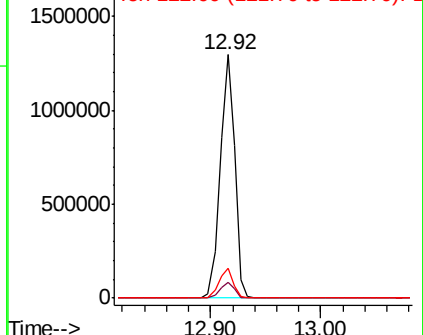
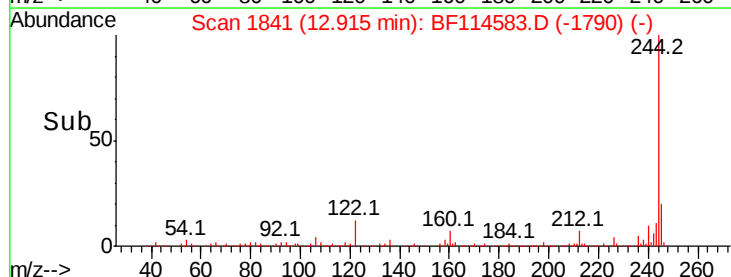


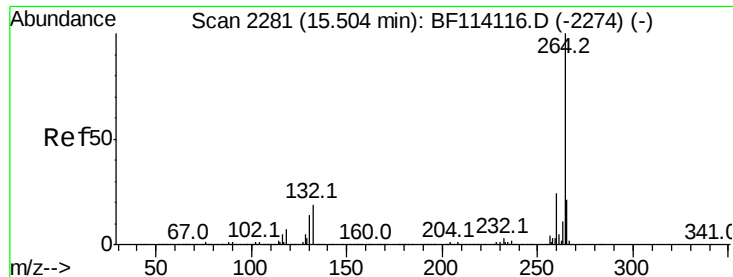
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114583.D
Acq: 24 May 2019 21:25

Instrument :
BNA_F
ClientSampleId :
SSSI-0509-DH-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.9	16.9	25.3

