

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114576.D
 Acq On : 24 May 2019 18:19
 Operator : JU/SJ
 Sample : K2993-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: May 24 22:36:51 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

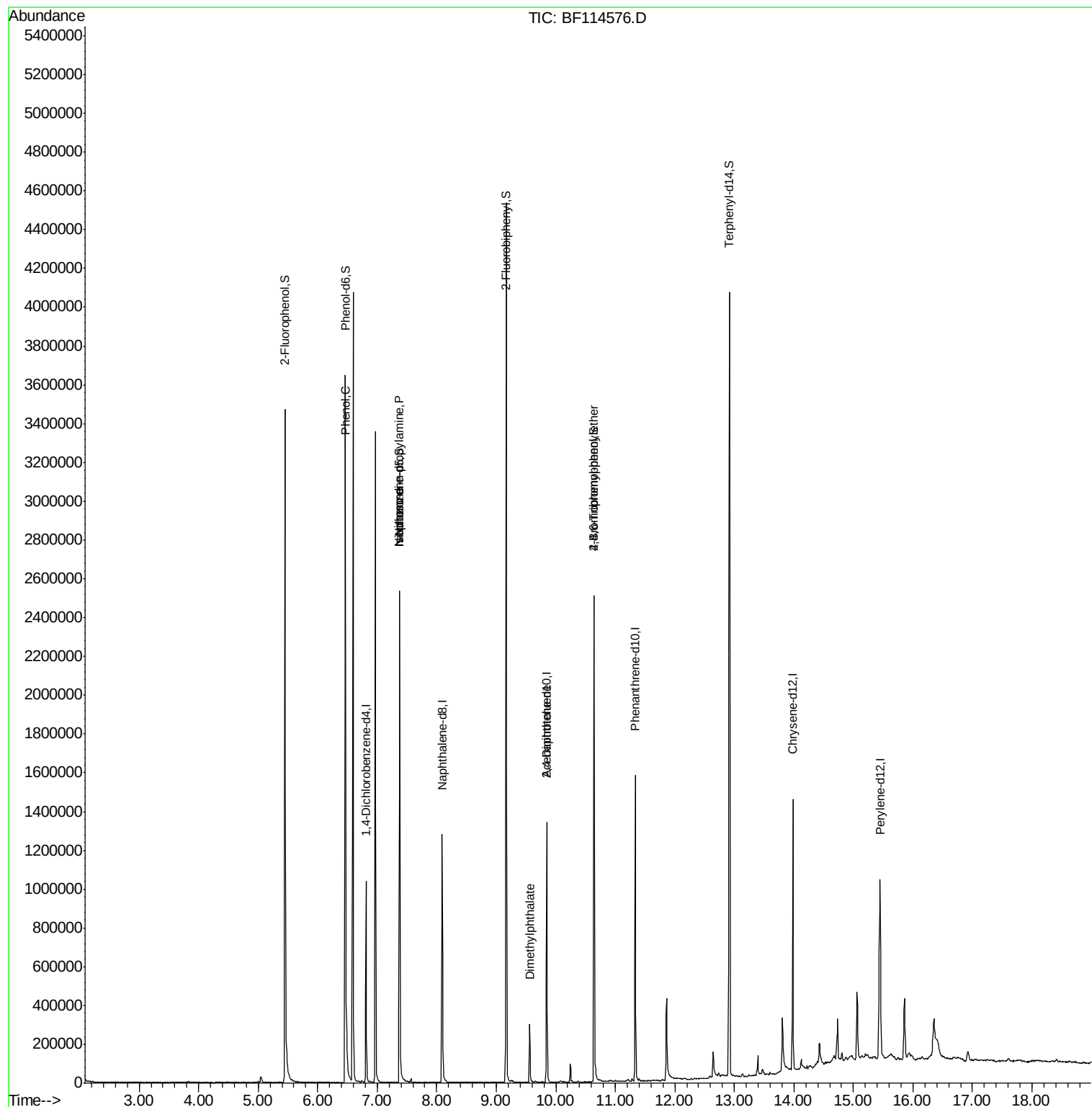
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153850	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	589583	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	281075	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	572352	20.00	ng	0.00
76) Chrysene-d12	13.98	240	441383	20.00	ng	0.00
87) Perylene-d12	15.45	264	416518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1058738	110.74	ng	0.00
7) Phenol-d6	6.46	99	1362776	120.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	819318	77.99	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	327371	112.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1404447	75.58	ng	0.00
79) Terphenyl-d14	12.92	244	1515753	70.79	ng	0.00
Target Compounds						
10) Phenol	6.47	94	41008	3.083	ng	81
19) n-Nitroso-di-n-propylamine	7.37	70	108763	15.175	ng	# 75
25) Isophorone	7.37	82	819309	42.050	ng	# 64
50) Dimethylphthalate	9.56	163	124045	6.012	ng	100
57) 2,4-Dinitrotoluene	9.85	165	35318	5.686	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	21533	3.417	ng	# 1

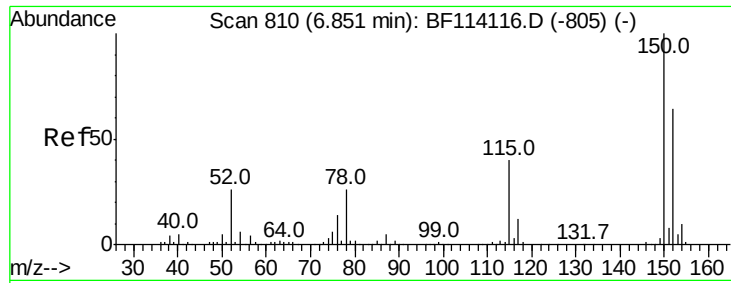
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 22:36:51 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
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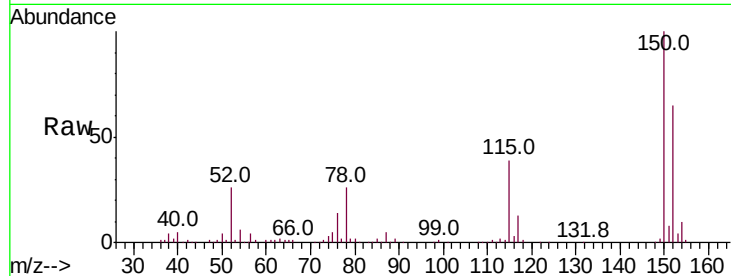


#1

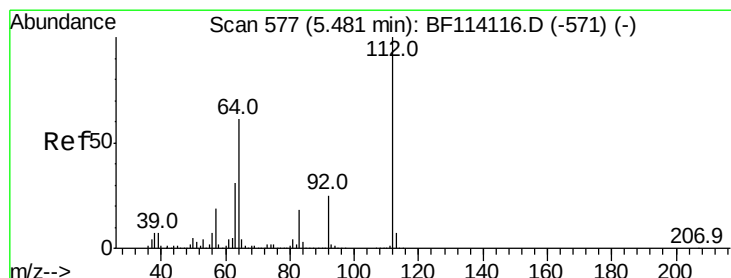
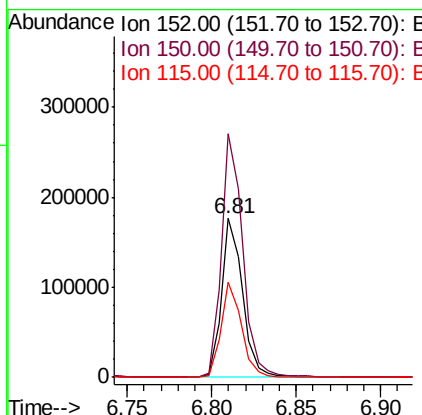
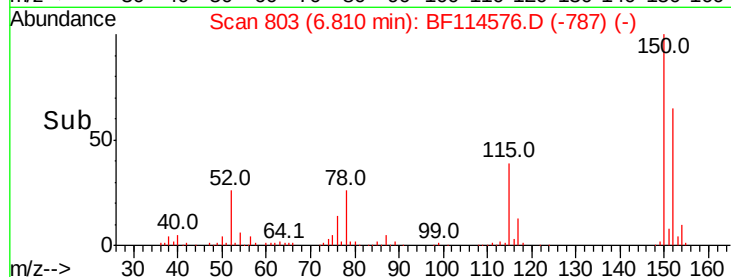
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114576.D
 Acq: 24 May 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tot Ion:152 Resp: 153850
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.3 186.5
 115 59.5 49.1 73.7



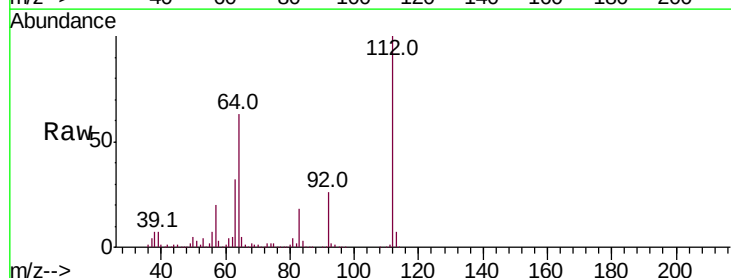
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



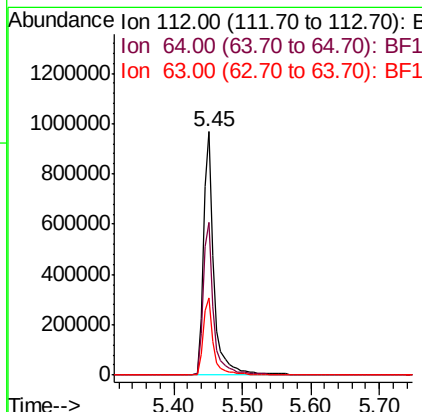
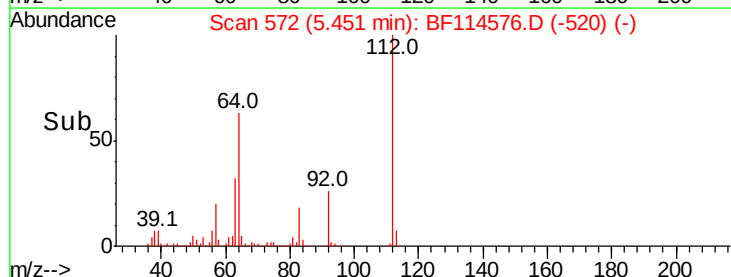
#5

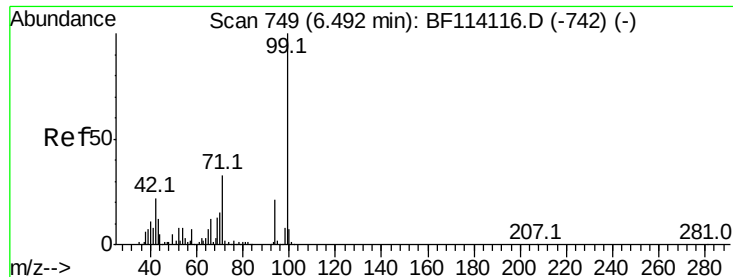
2-Fluorophenol
 Concen: 110.743 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF114576.D
 Acq: 24 May 2019 18:19

Tgt Ion:112 Resp: 1058738
 Ion Ratio Lower Upper
 112 100
 64 62.8 49.0 73.6
 63 31.8 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: 120.522 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114576.D

Acq: 24 May 2019 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

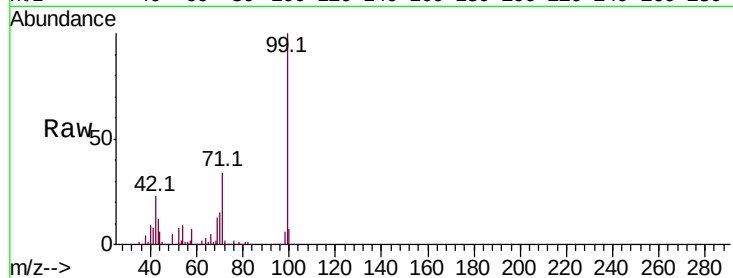
Tot Ion: 99 Resp: 1362776

Ion Ratio Lower Upper

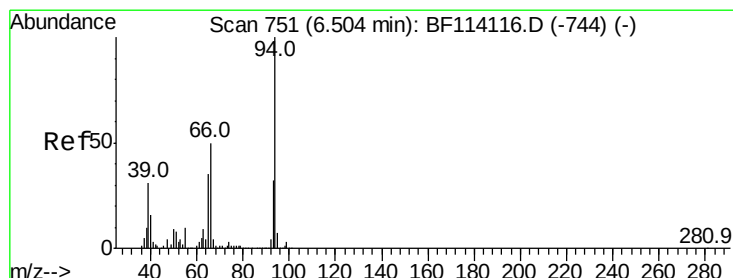
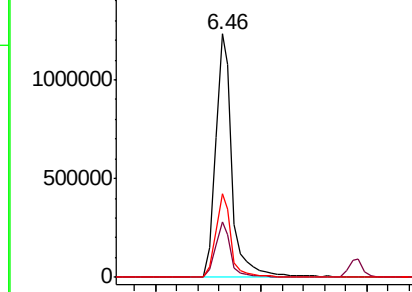
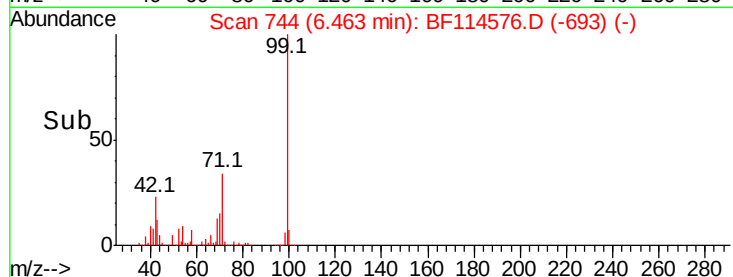
99 100

42 22.8 17.9 26.9

71 34.2 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



#10

Phenol

Concen: 3.083 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114576.D

Acq: 24 May 2019 18:19

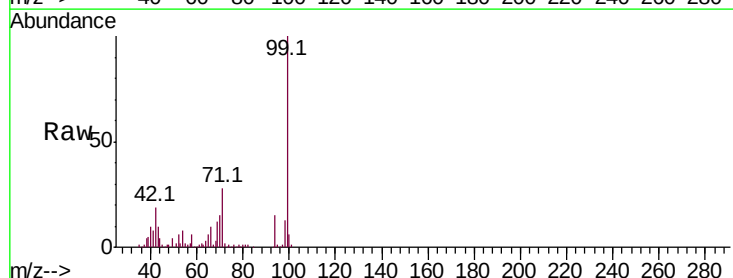
Tgt Ion: 94 Resp: 41008

Ion Ratio Lower Upper

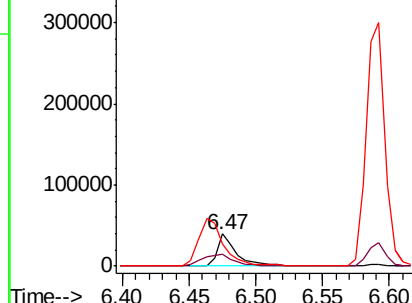
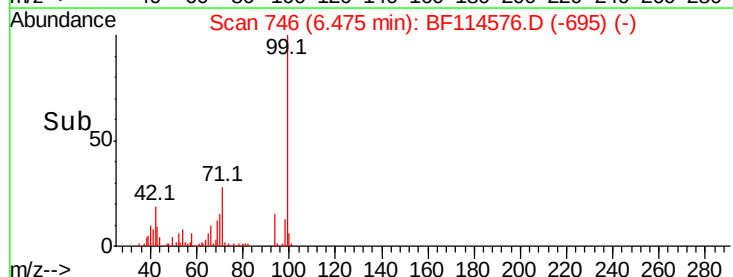
94 100

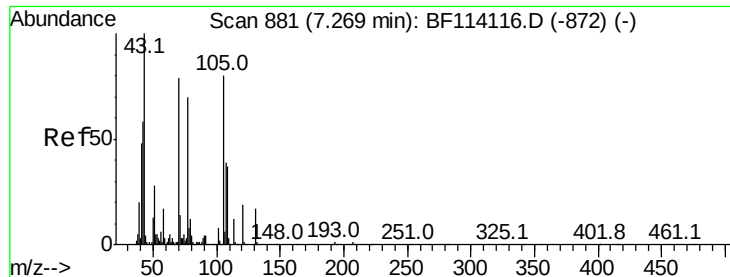
65 37.6 14.7 54.7

66 69.0 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

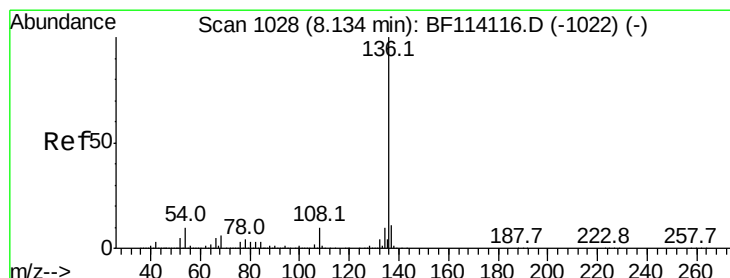
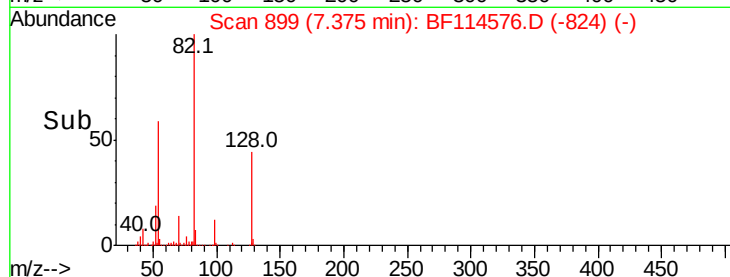
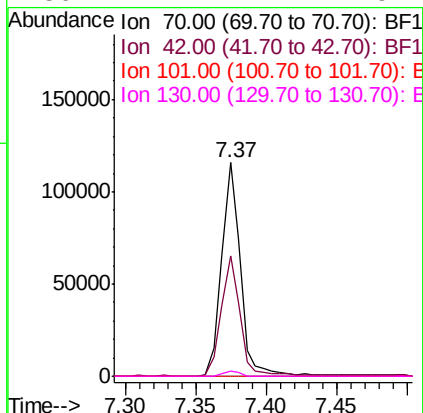
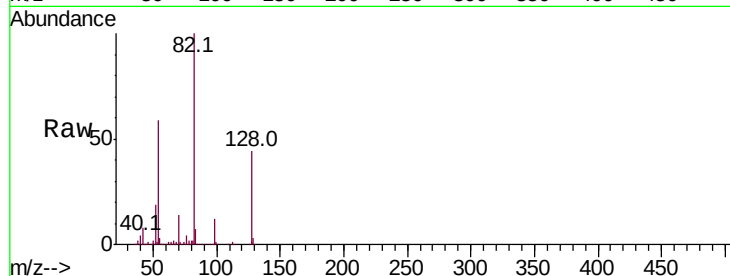




#19
n-Nitroso-di-n-propylamine
Concen: 15.175 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

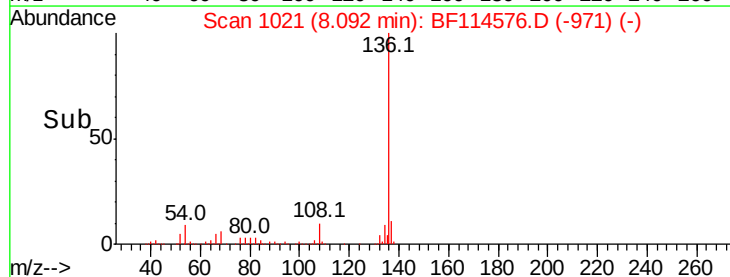
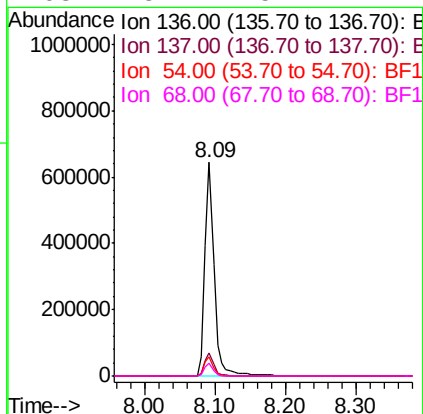
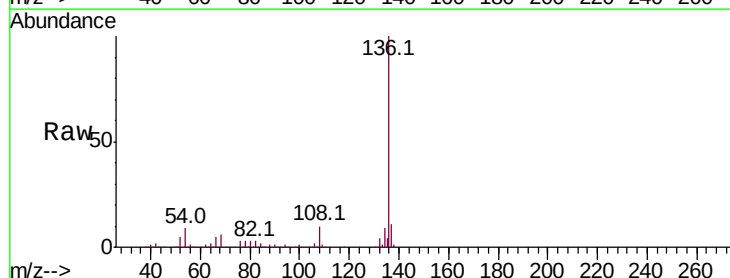
Instrument :
BNA_F
ClientSampleId :
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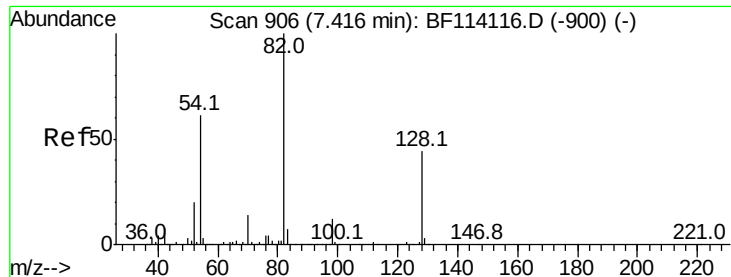
Tot Ion: 70 Resp: 108763
Ion Ratio Lower Upper
70 100
42 56.3 58.6 87.8#
101 0.0 7.8 11.8#
130 2.4 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

Tgt Ion:136 Resp: 589583
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.9 7.8 11.8
68 5.7 5.1 7.7

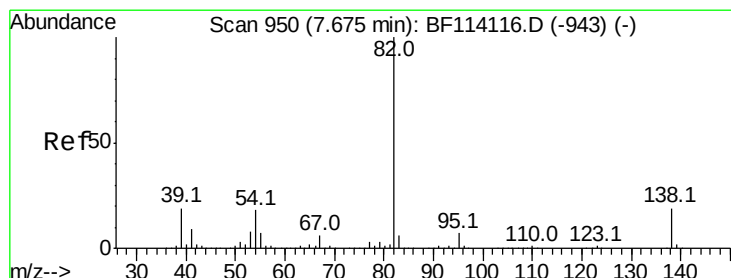
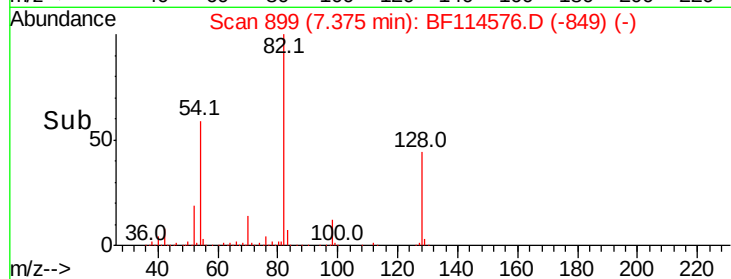
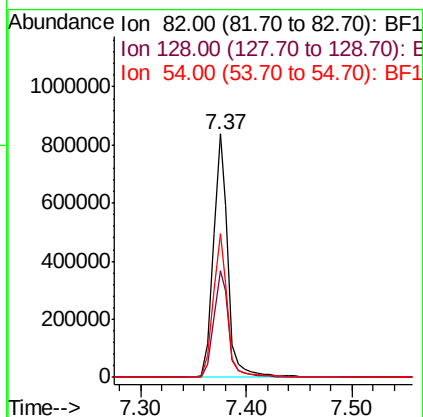
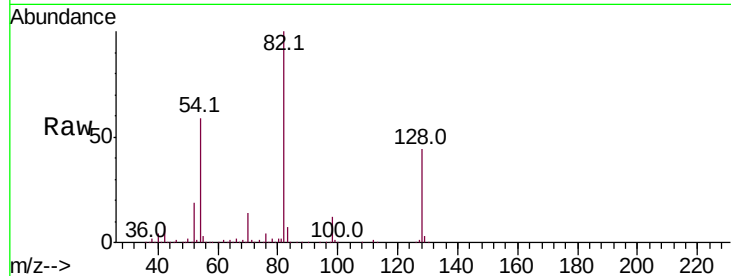




#23
Nitrobenzene-d5
Concen: 77.988 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

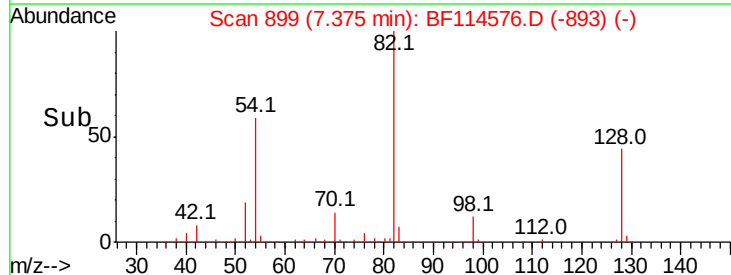
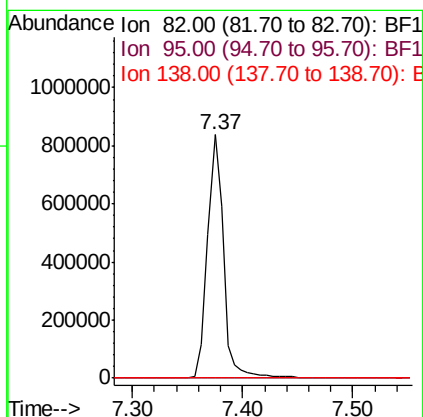
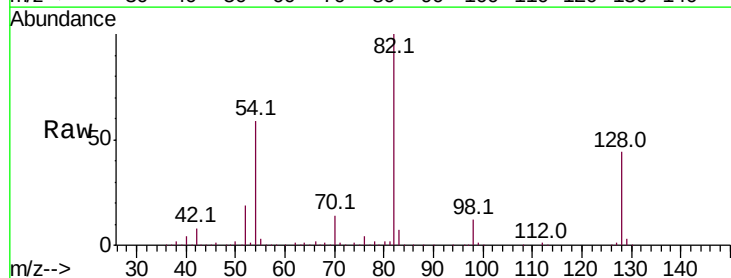
Instrument :
BNA_F
ClientSampleId :
COMP-3

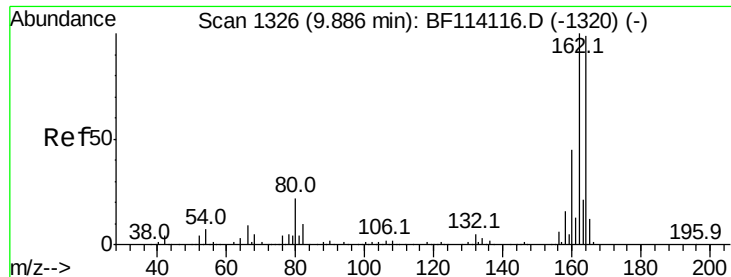
Tot Ion	82	Resp	819318
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.5	53.3
54	58.9	48.5	72.7



#25
Isophorone
Concen: 42.050 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

Tgt Ion	82	Resp	819309
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

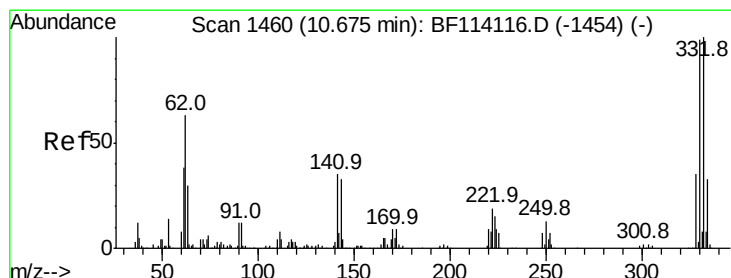
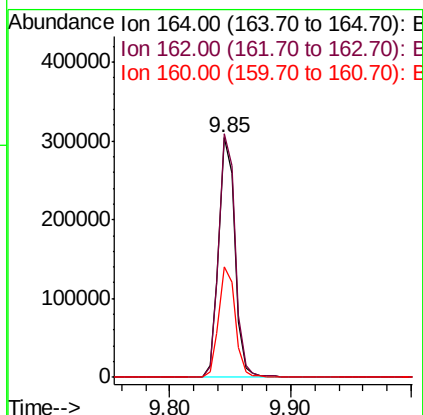
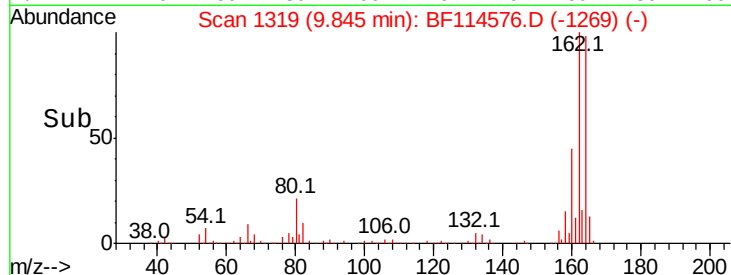
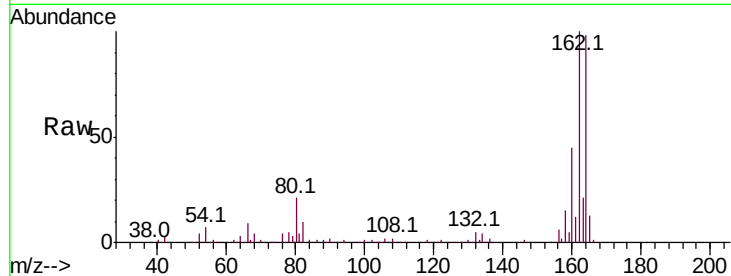




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

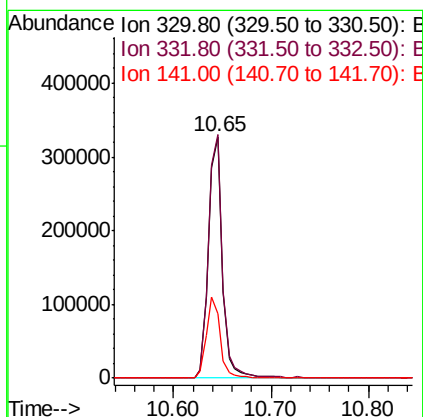
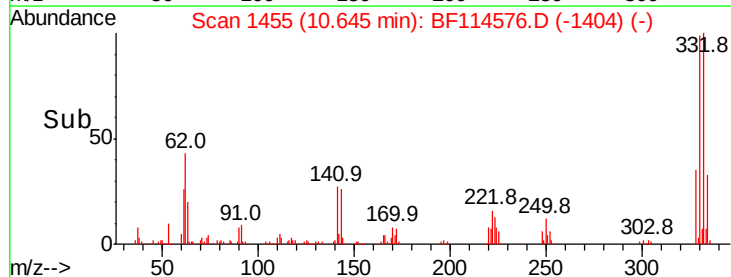
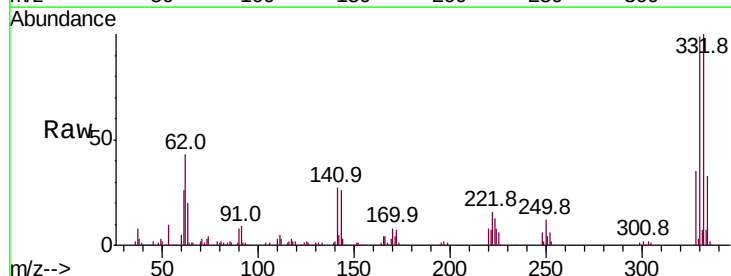
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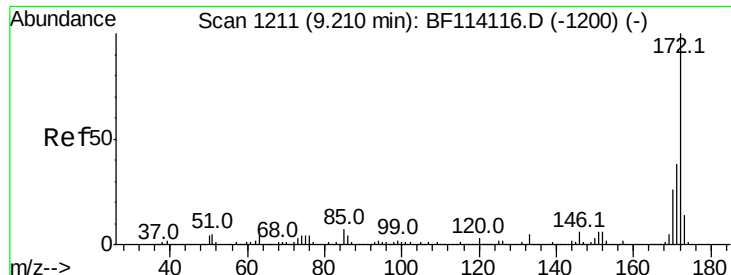
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	46.1	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 112.660 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.6	81.4	122.2
141	33.6	26.6	40.0



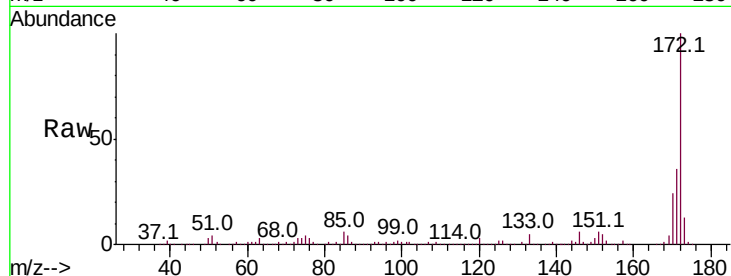


#45
 2-Fluorobiphenyl
 Concen: 75.583 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114576.D
 Acq: 24 May 2019 18:19

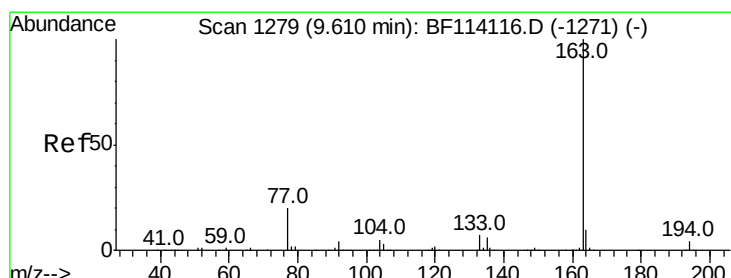
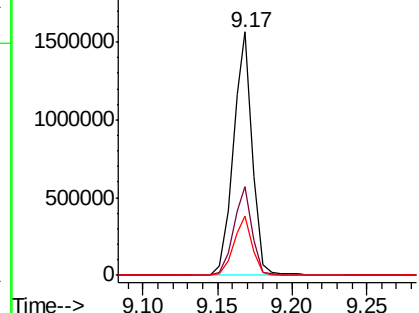
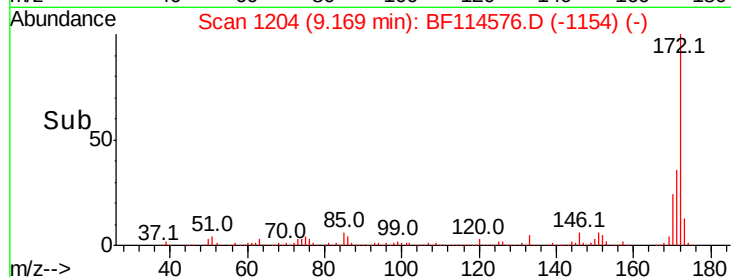
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1404447

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.1	20.5	30.7



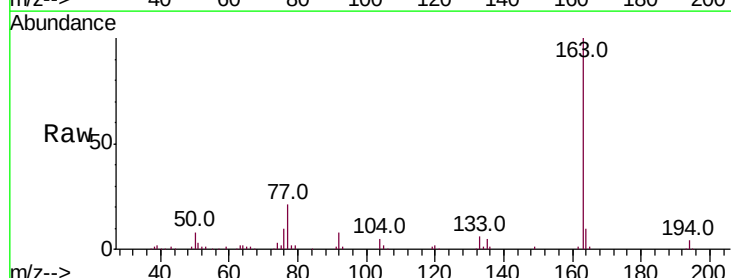
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



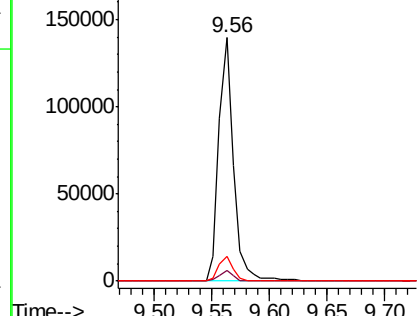
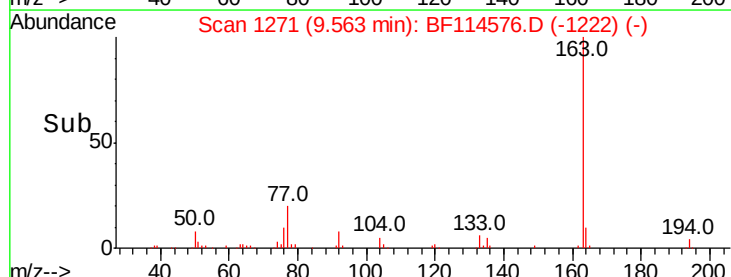
#50
 Dimethylphthalate
 Concen: 6.012 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114576.D
 Acq: 24 May 2019 18:19

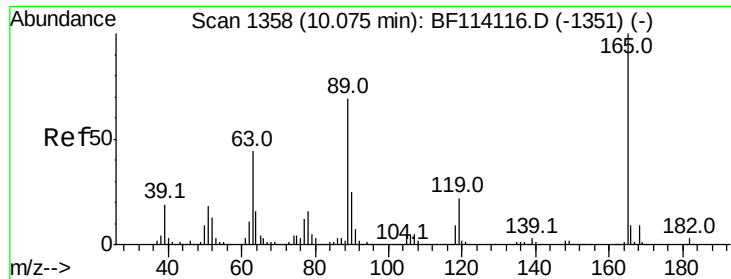
Tgt Ion:163 Resp: 124045

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	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

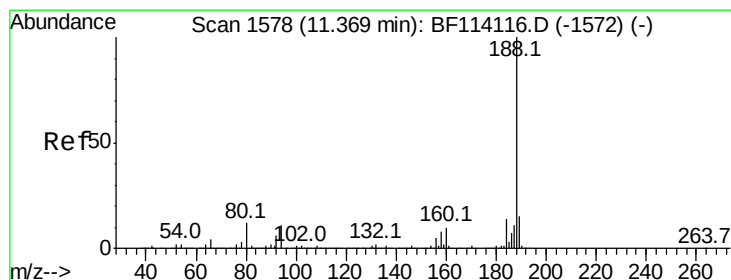
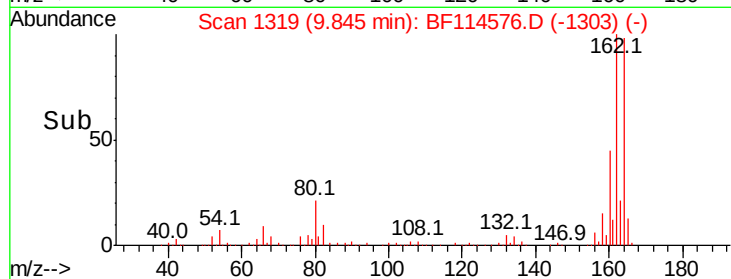
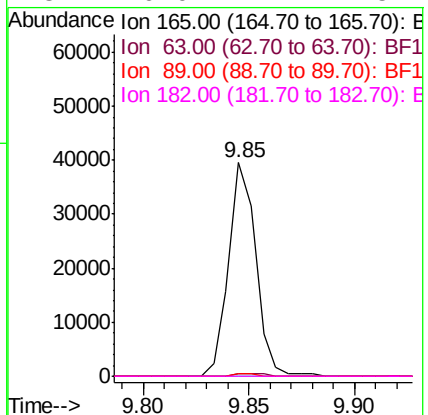
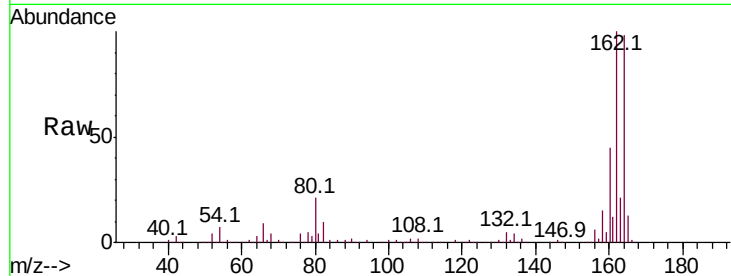




#57
 2,4-Dinitrotoluene
 Concen: 5.686 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114576.D
 Acq: 24 May 2019 18:19

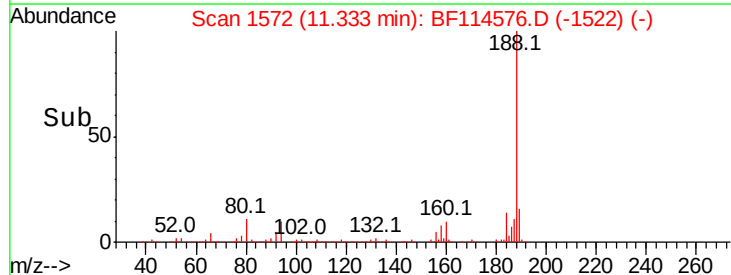
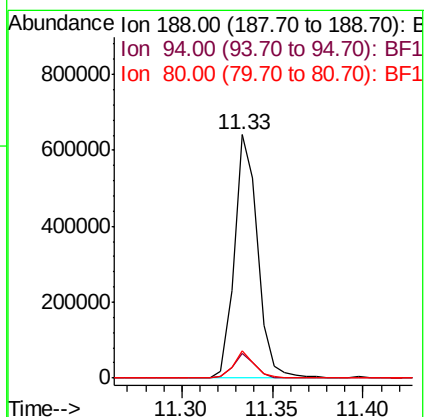
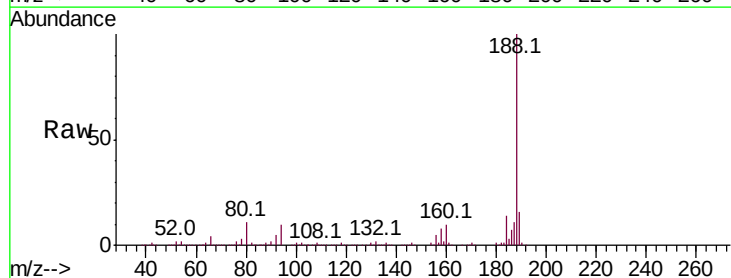
Instrument :
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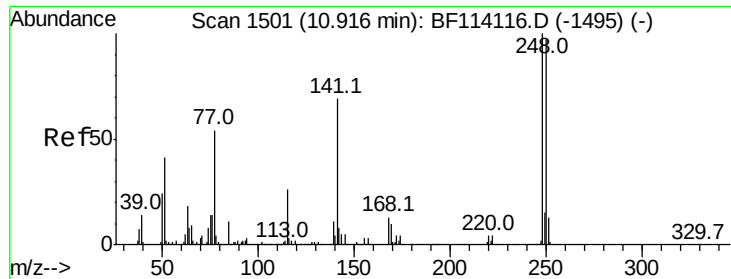
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF114576.D
 Acq: 24 May 2019 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	11.1	9.2	13.8

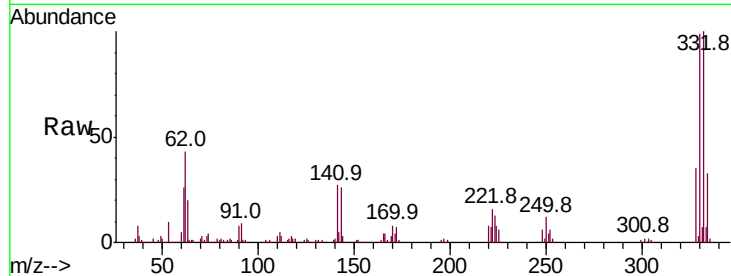




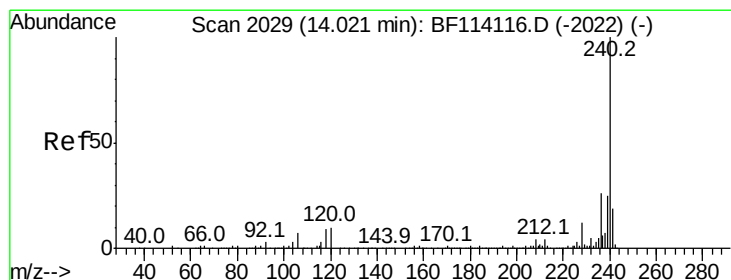
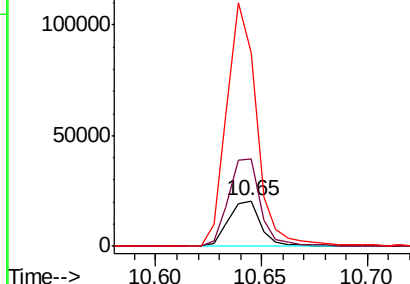
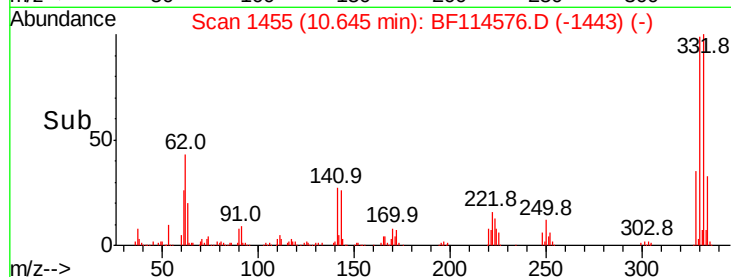
#67
4-Bromophenyl-phenylether
Concen: 3.417 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

Instrument :
BNA_F
ClientSampled :
COMP-3

Tot Ion:248 Resp: 21533
Ion Ratio Lower Upper
248 100
250 193.0 77.4 116.2#
141 425.5 55.6 83.4#

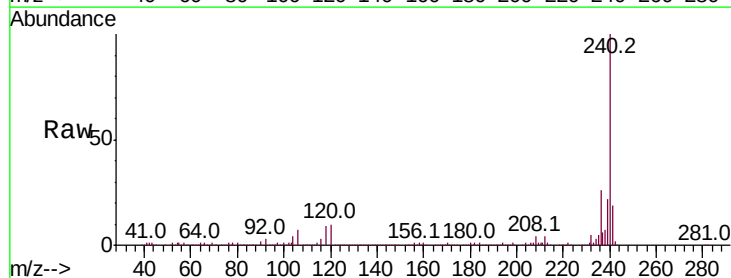


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

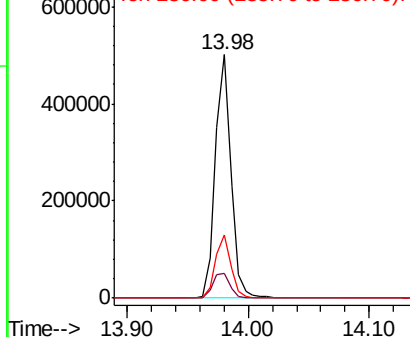
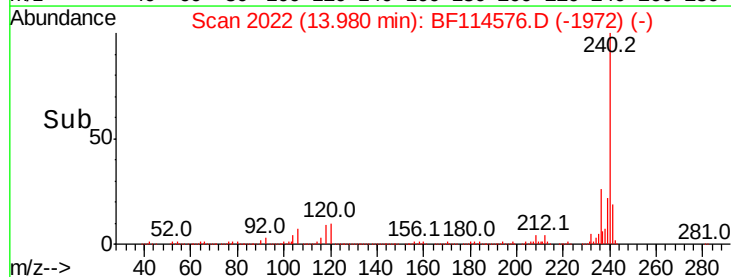


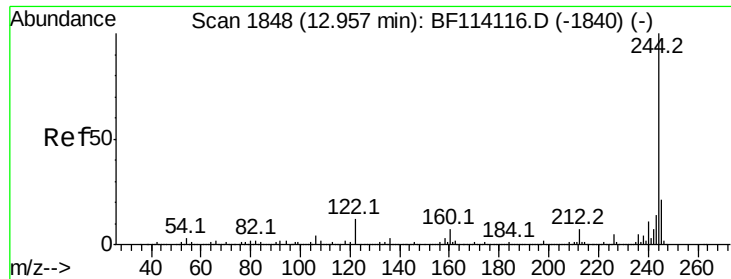
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114576.D
Acq: 24 May 2019 18:19

Tgt Ion:240 Resp: 441383
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.0 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
600000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.792 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114576.D

Acq: 24 May 2019 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

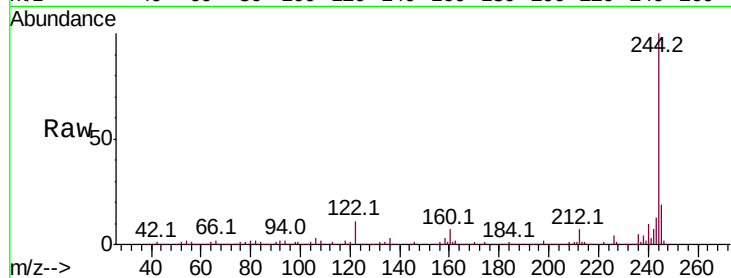
Tot Ion:244 Resp: 1515753

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

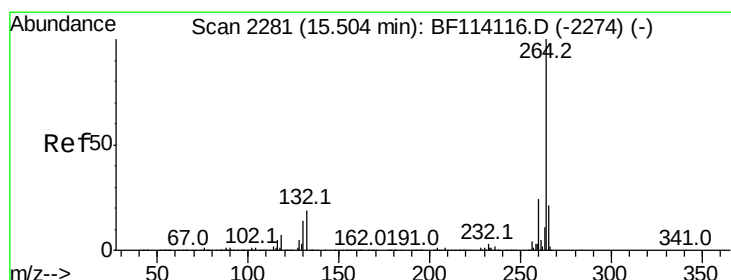
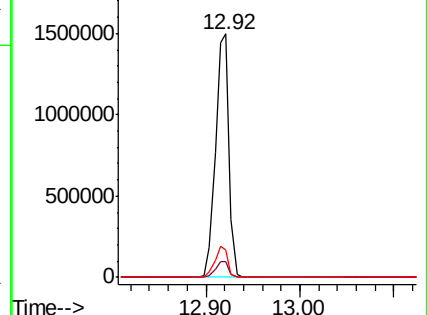
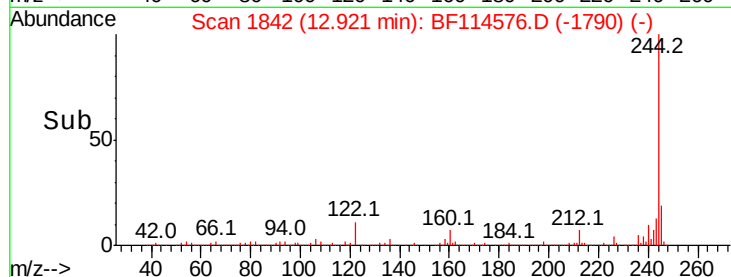
122 11.0 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF114576.D

Acq: 24 May 2019 18:19

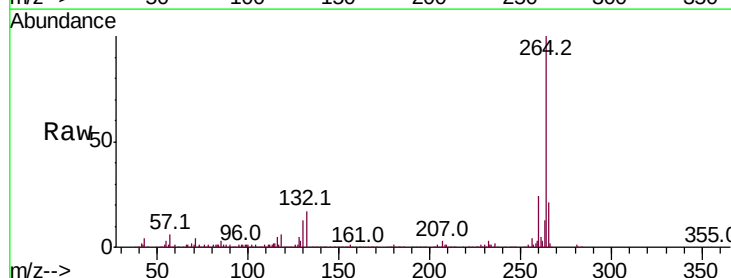
Tgt Ion:264 Resp: 416518

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.4 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

