Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116929.D
Acq On : 10 Sep 2019 18:54
Operator : HP/JU
Sample : K4721-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 11 01:01:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85576	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	341705	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	178549	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	291944	20.00	ng		0.00
76) Chrysene-d12	13.98	240	202098	20.00	ng		0.00
87) Perylene-d12	15.44	264	179198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	391892	74.19	ng		0.00
7) Phenol-d6	6.46	99	535604	77.22	ng		-0.01
23) Nitrobenzene-d5	7.39	82	339486	56.72	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	96084	80.50	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	610169	57.65	ng		0.00
79) Terphenyl-d14	12.93	244	592867	54.27	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	22002	2.865	ng		92
19) n-Nitroso-di-n-propylamine	7.39	70	44441	9.731	ng	#	71
25) Isophorone	7.39	82	339483	27.989	ng	#	66
50) Dimethylphthalate	9.58	163	60037	4.870	ng		98
51) 2,6-Dinitrotoluene	9.86	165	22103	9.398	ng	#	20
57) 2,4-Dinitrotoluene	9.86	165	22103	7.686	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.65	198	225	7.628	ng	#	1
67) 4-Bromophenyl-phenylether	10.65	248	6490	2.188	ng	#	1

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

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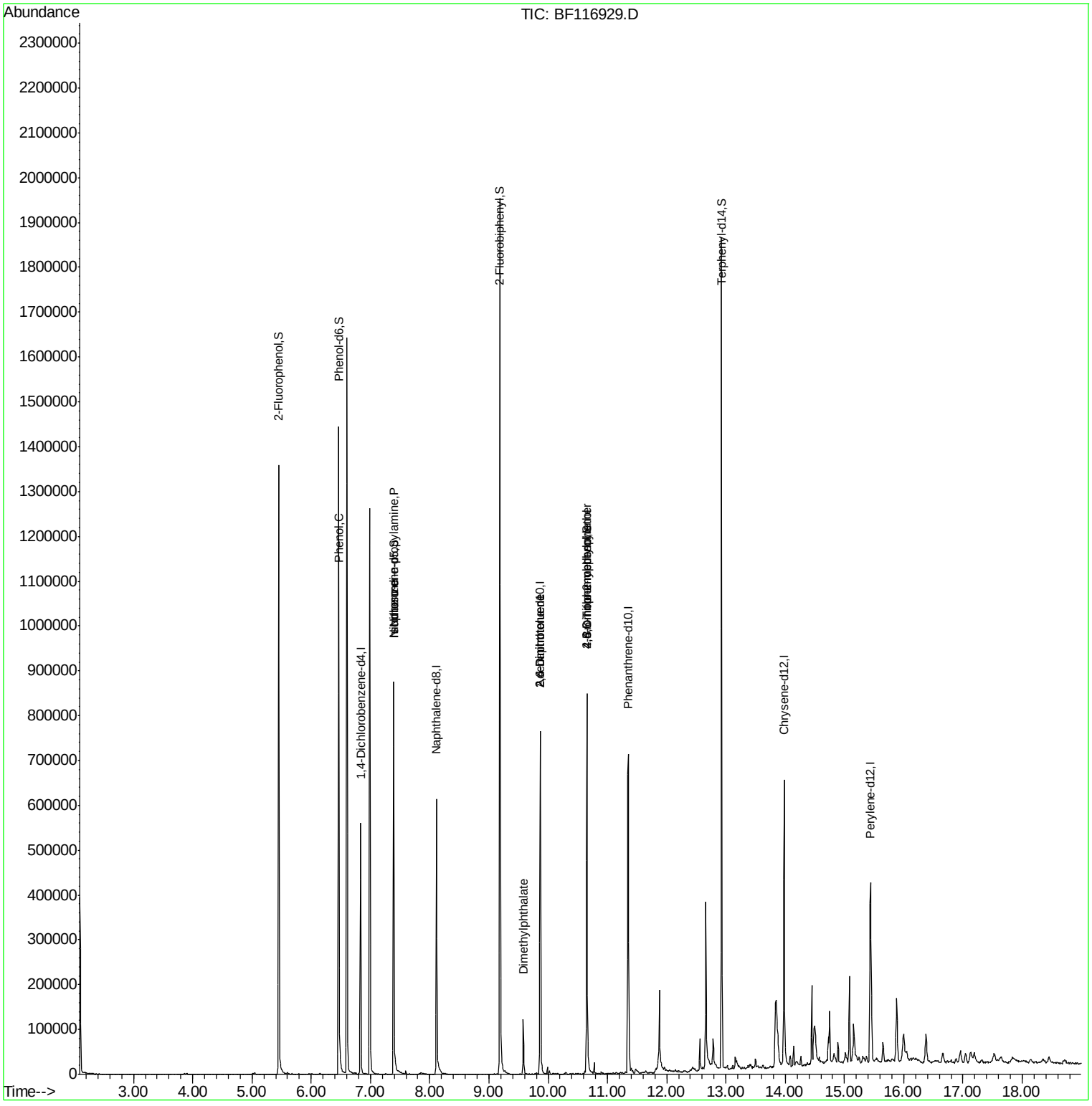
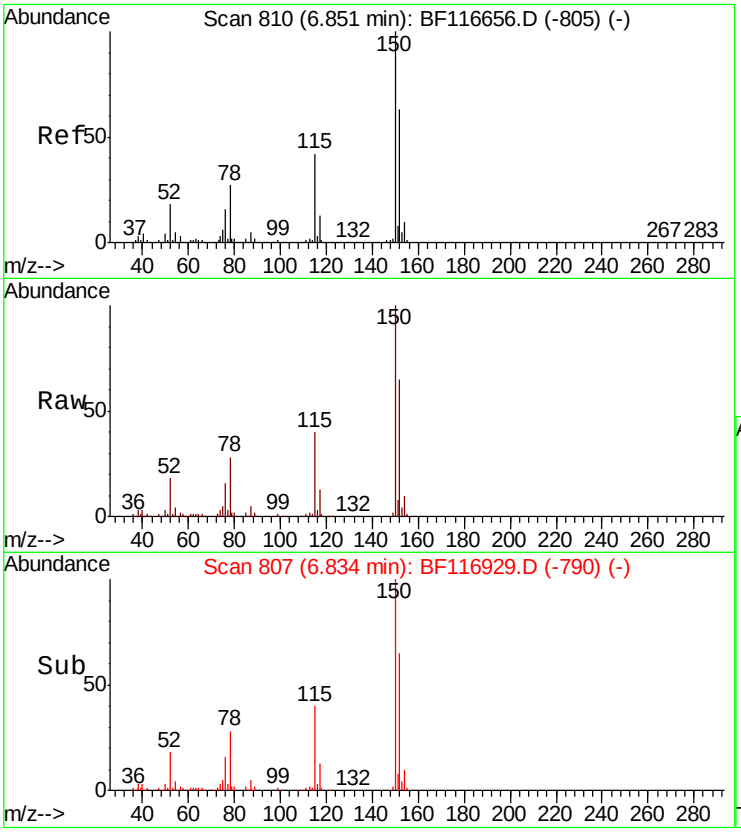


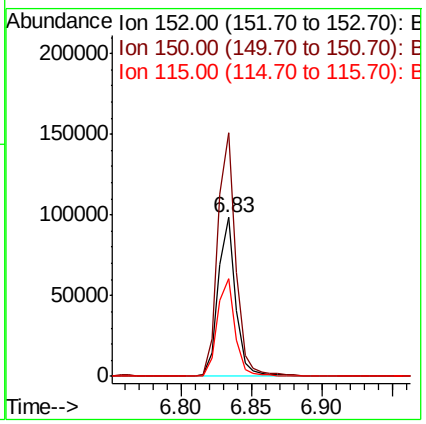


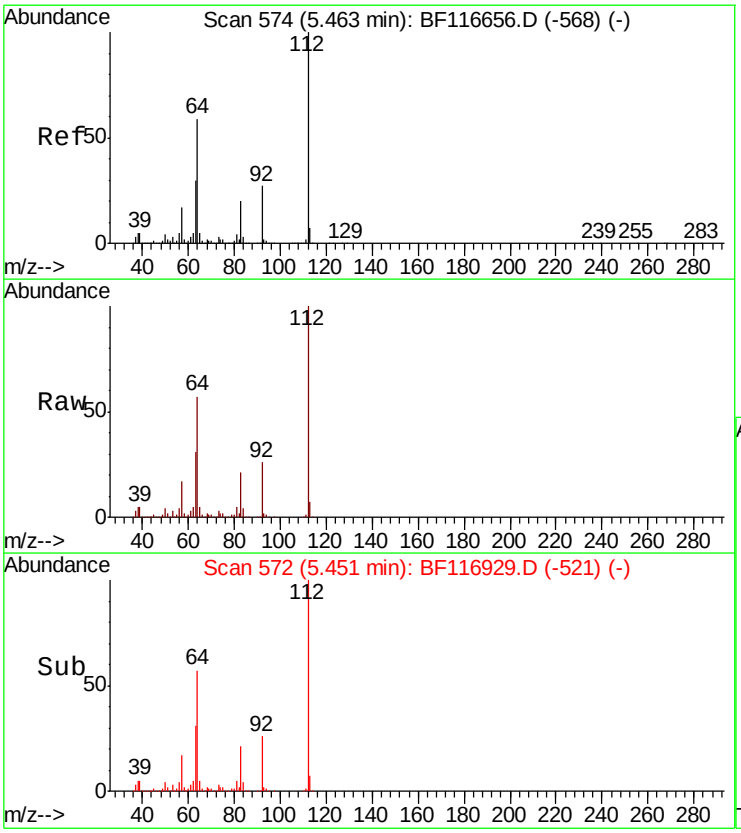
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 85576

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.4	186.6
115	61.6	49.9	74.9

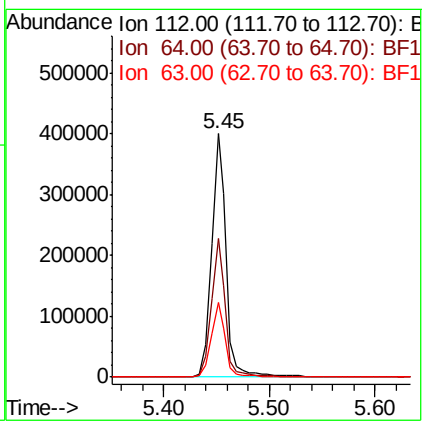


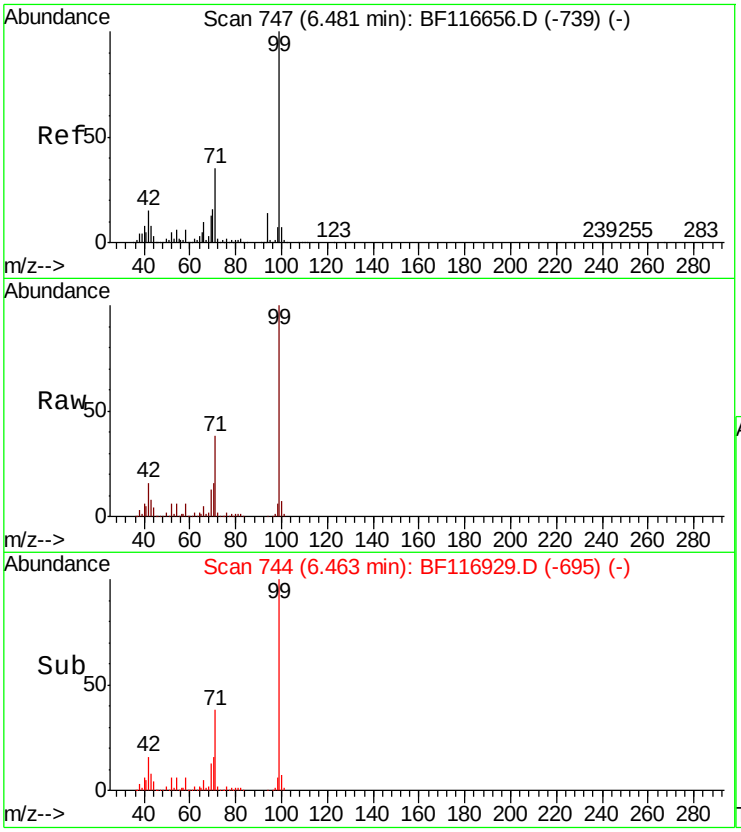


#5
2-Fluorophenol
Concen: 74.190 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:112 Resp: 391892

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.1	70.7
63	30.6	24.9	37.3



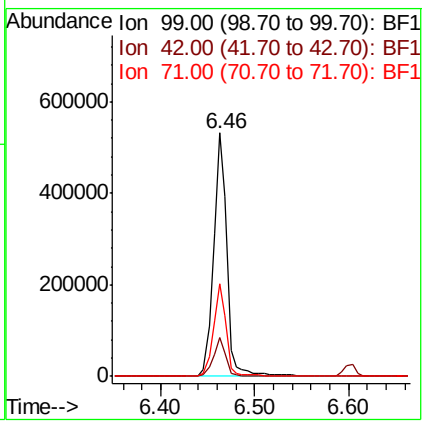


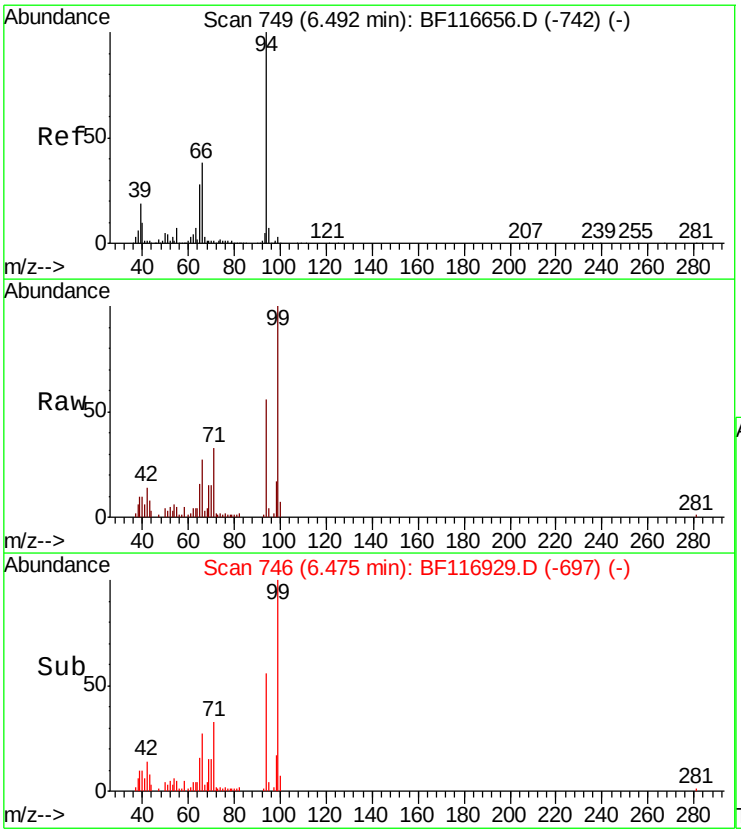
#7
Phenol-d6
Concen: 77.218 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 535604

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	38.1	30.8	46.2

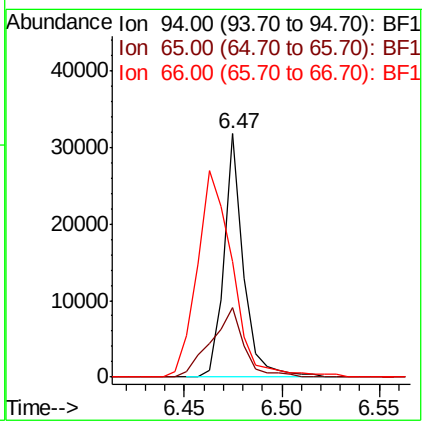


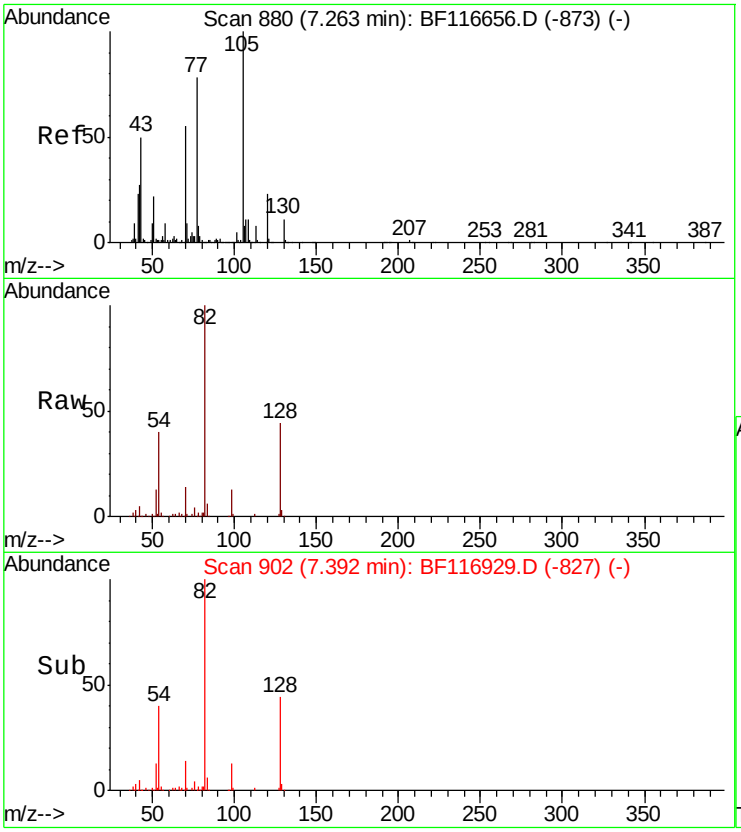


#10
Phenol
Concen: 2.865 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion: 94 Resp: 22002

Ion	Ratio	Lower	Upper
94	100		
65	28.5	10.8	50.8
66	47.5	21.1	61.1



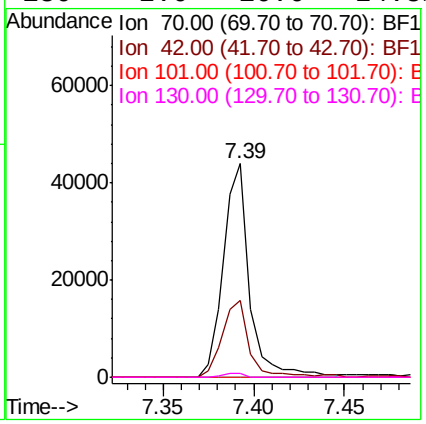


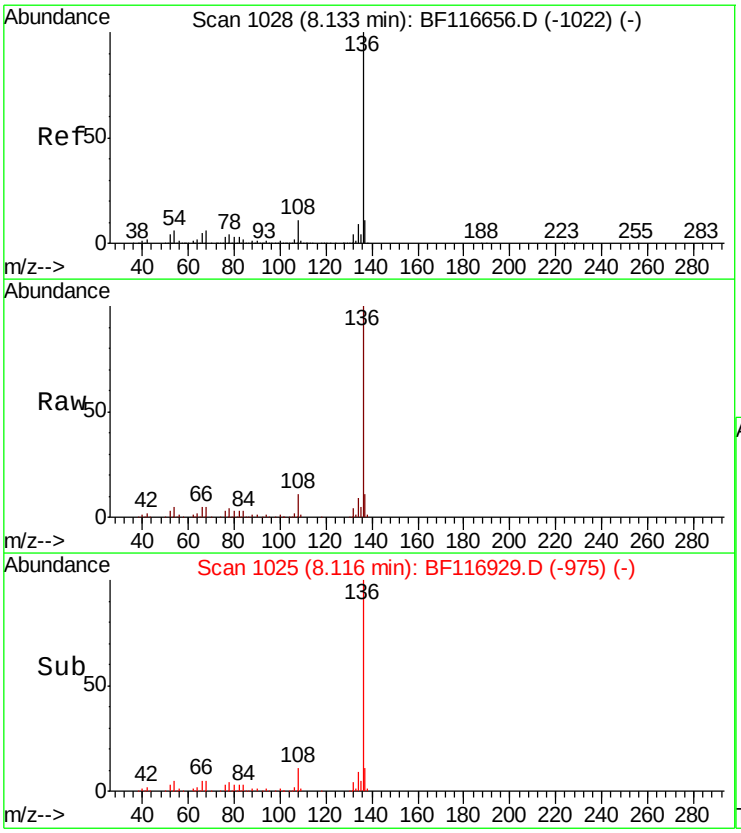
#19
n-Nitroso-di-n-propylamine
Concen: 9.731 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 44441

Ion	Ratio	Lower	Upper
70	100		
42	36.2	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#

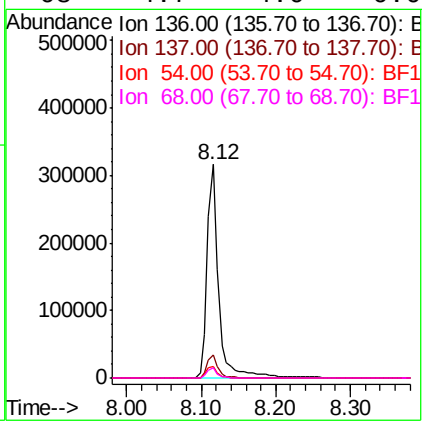


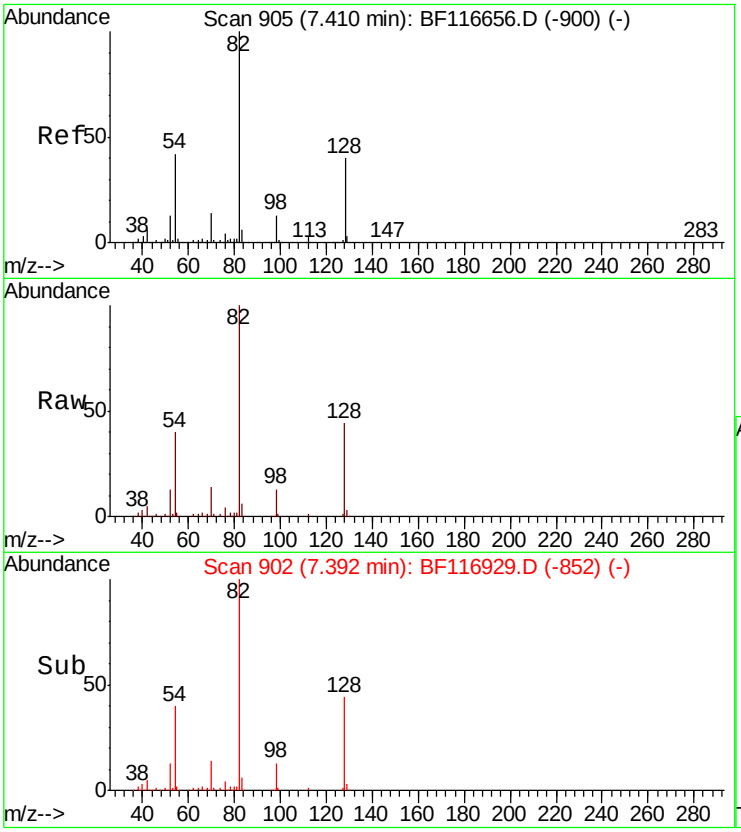


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:136 Resp: 341705

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.3	4.8	7.2
68	4.7	4.0	6.0



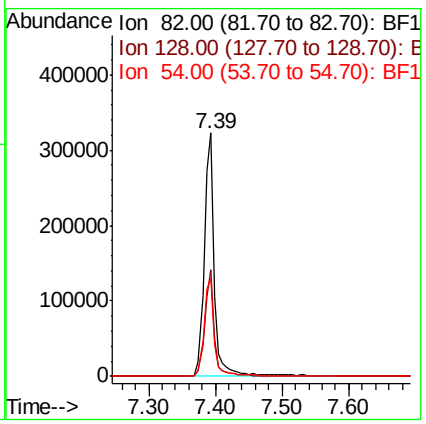


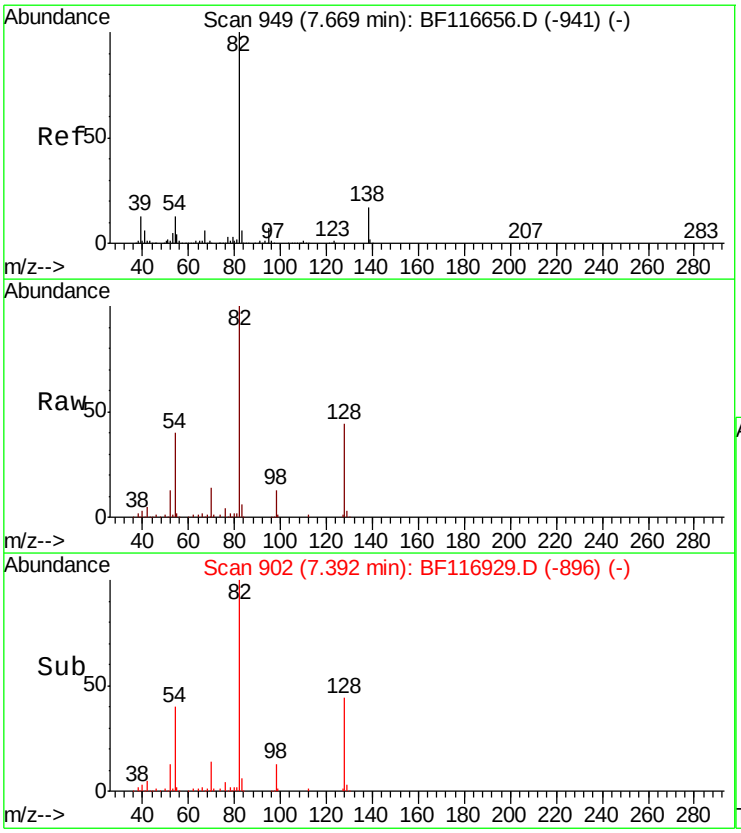
#23
Nitrobenzene-d5
Concen: 56.717 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 339486

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.8	49.2
54	40.1	36.9	55.3

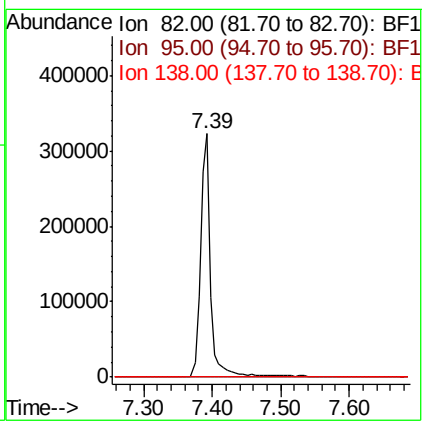


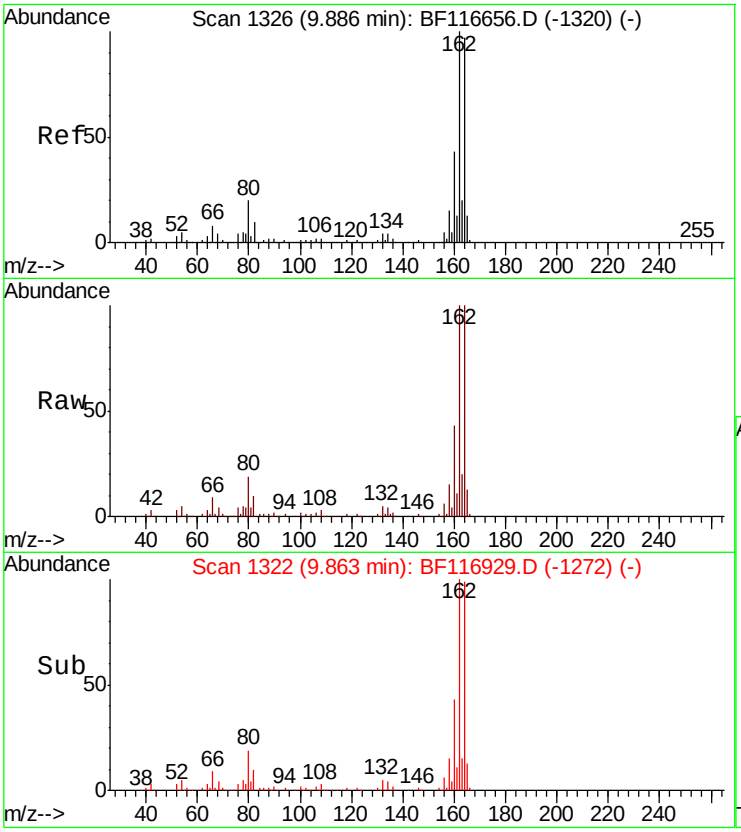


#25
Isophorone
Concen: 27.989 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion: 82 Resp: 339483

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



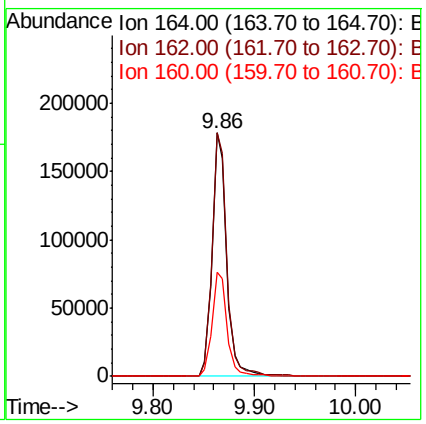


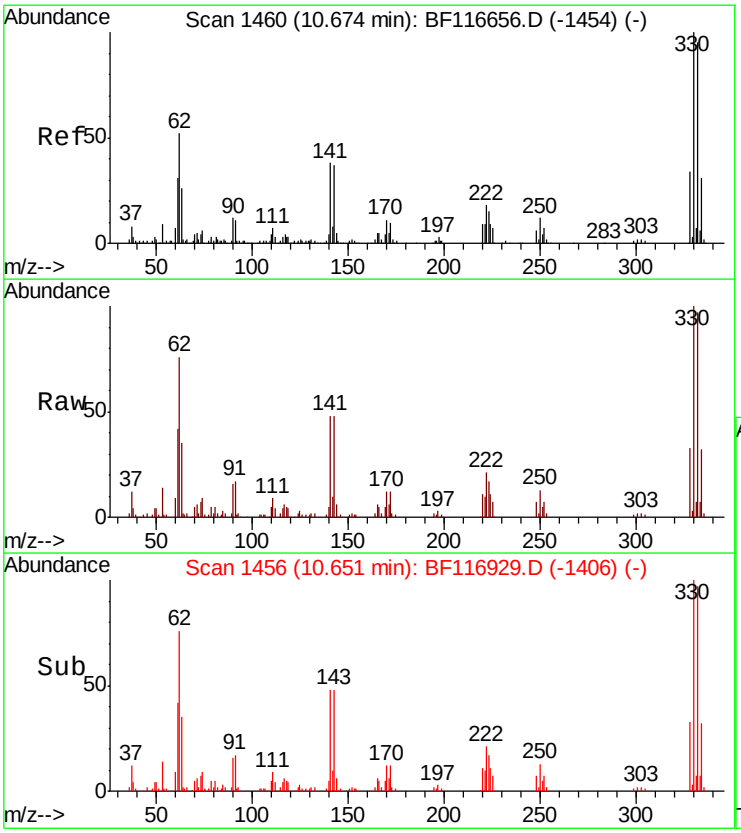
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 178549

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.0
160	42.5	35.4	53.2

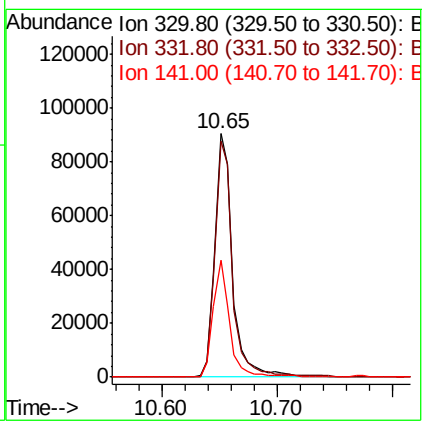


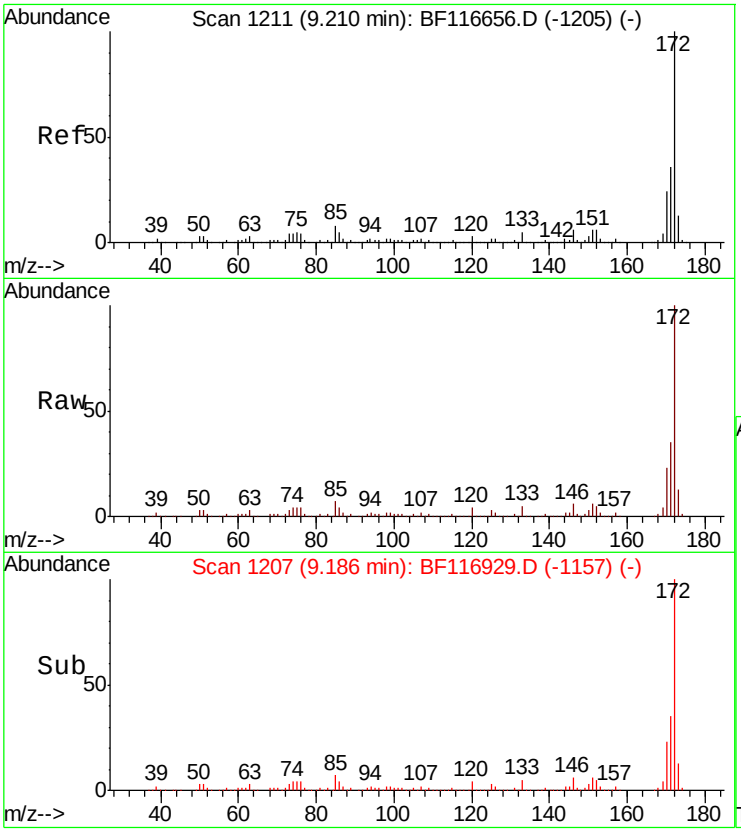


#42
2,4,6-Tribromophenol
Concen: 80.497 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:330 Resp: 96084

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	45.3	31.4	47.2



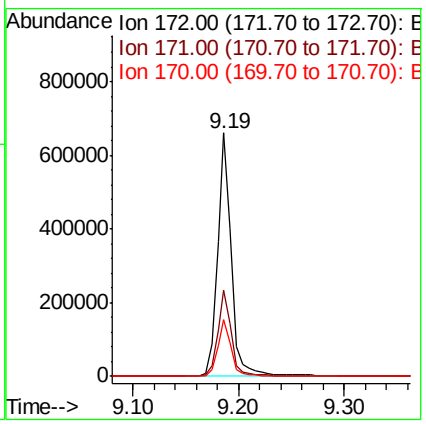


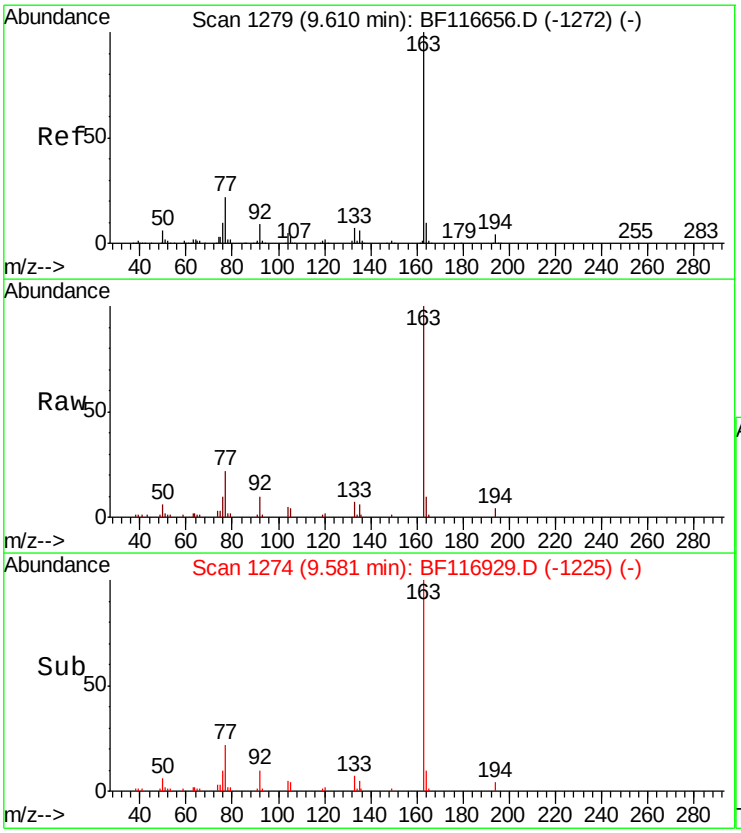
#45
2-Fluorobiphenyl
Concen: 57.648 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 610169

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.1	18.9	28.3

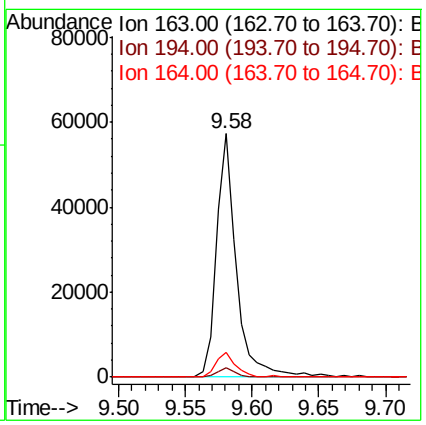


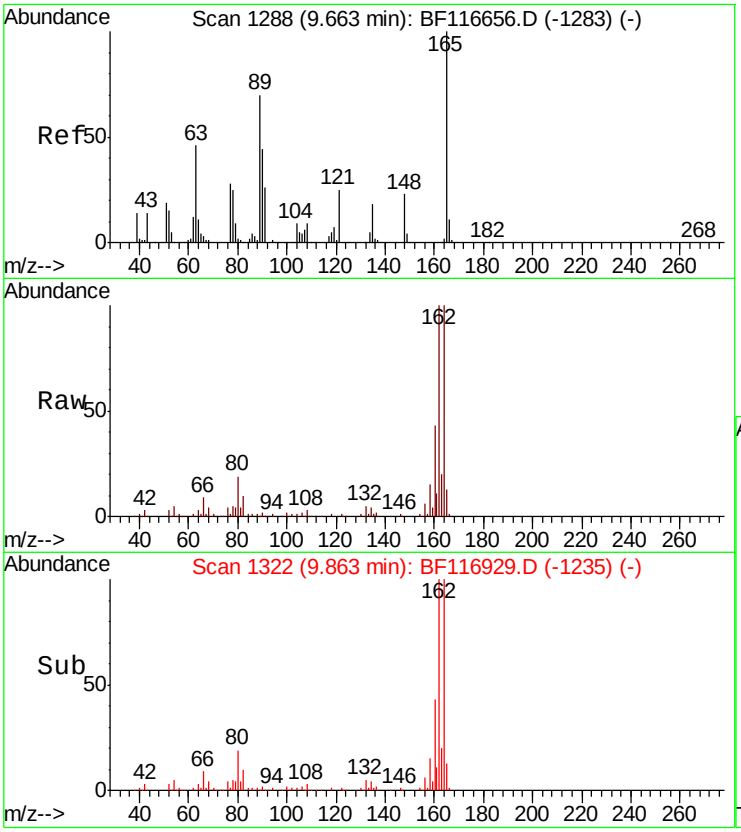


#50
Dimethylphthalate
Concen: 4.870 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:163 Resp: 60037

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.9	8.6	12.8



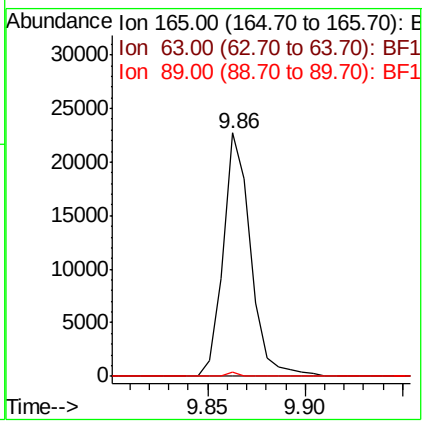


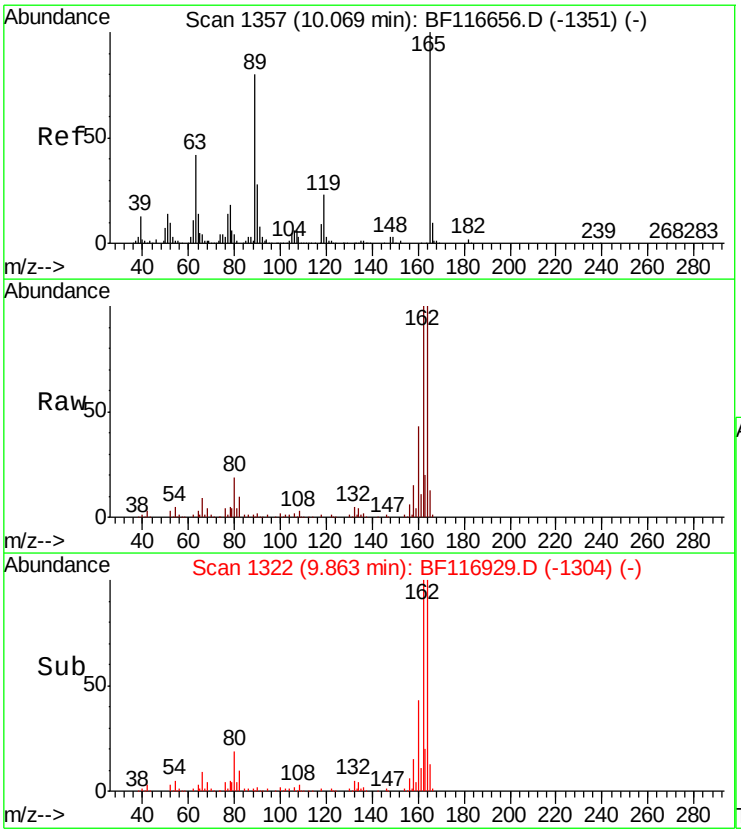
#51
2,6-Dinitrotoluene
Concen: 9.398 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22103

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	1.9	52.5	78.7#

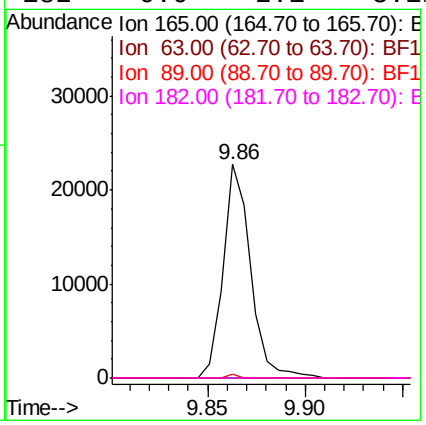


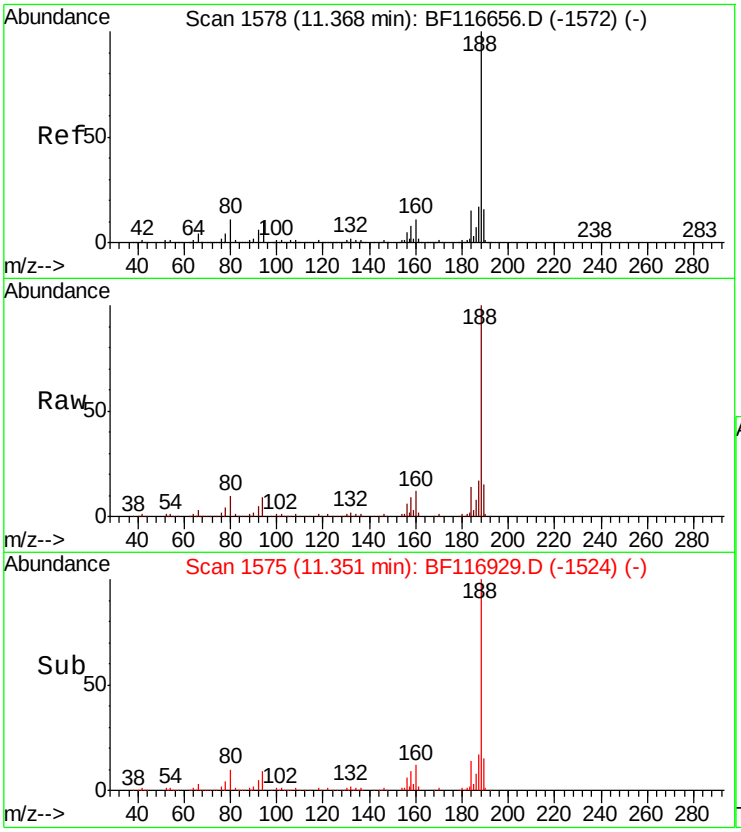


#57
2,4-Dinitrotoluene
Concen: 7.686 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.19 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:165 Resp: 22103

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	62.6	94.0#
182	0.0	2.1	3.1#



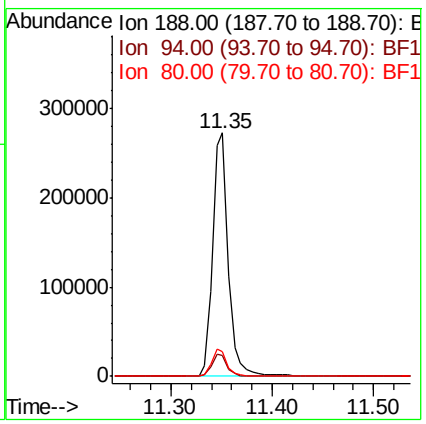


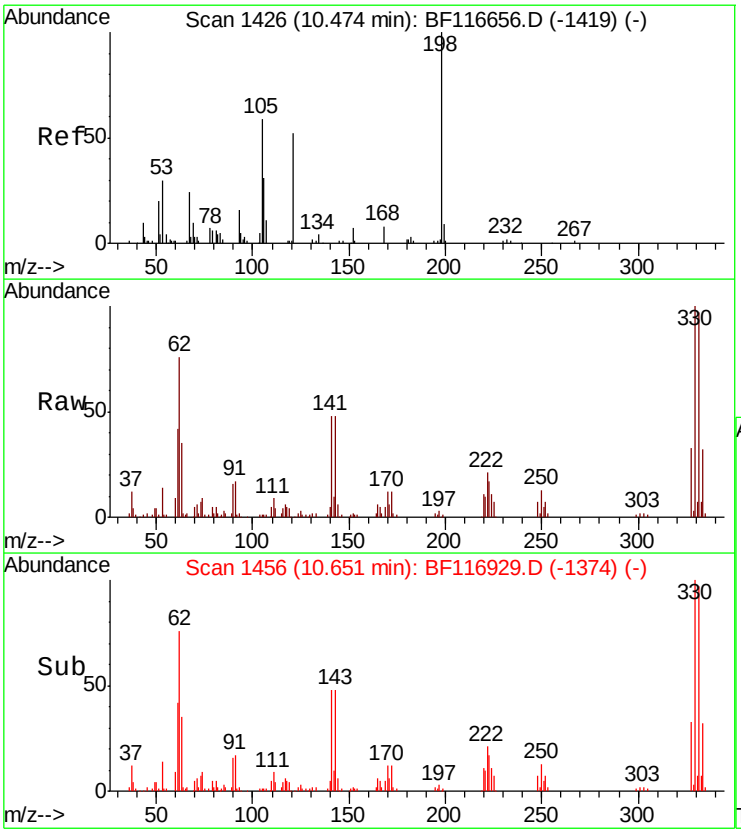
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 291944

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	9.9	8.4	12.6

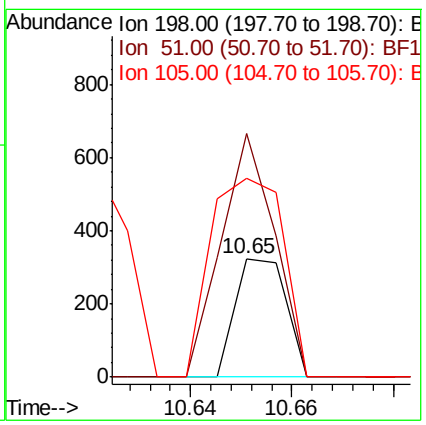


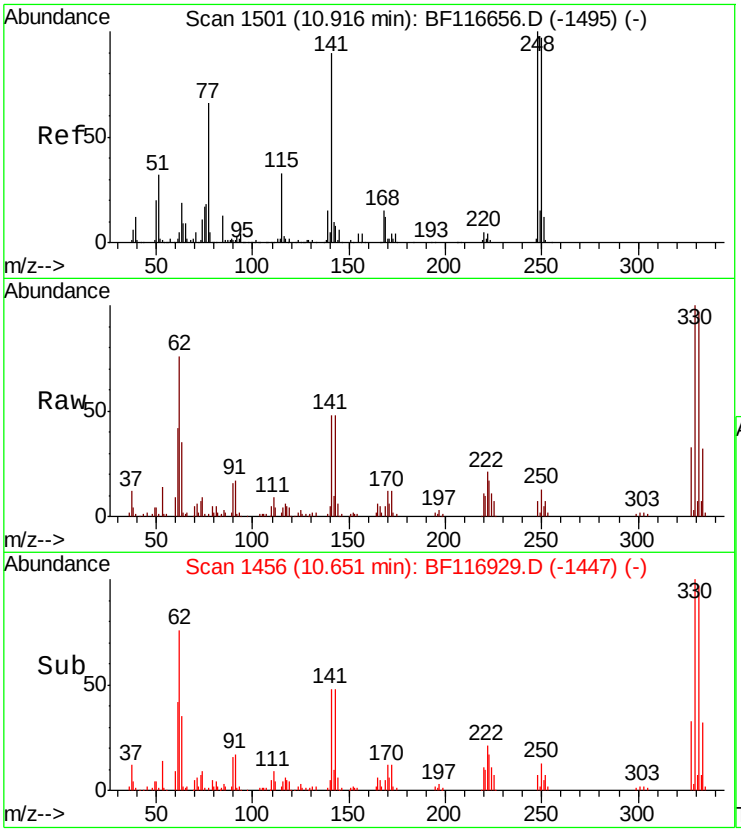


#65
4,6-Dinitro-2-methylphenol
Concen: 7.628 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.18 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:198 Resp: 225

Ion	Ratio	Lower	Upper
198	100		
51	205.6	18.4	58.4#
105	167.3	22.9	62.9#



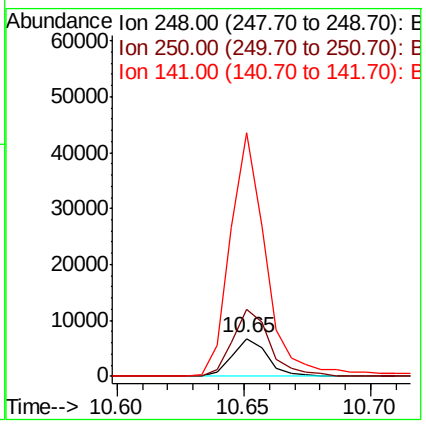


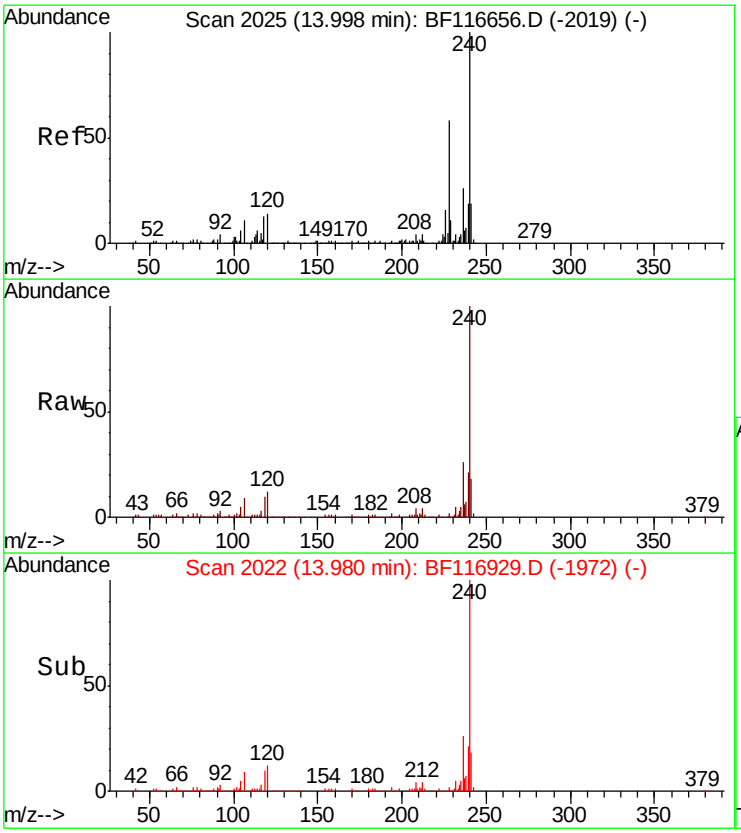
#67
4-Bromophenyl-phenylether
Concen: 2.188 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6490

Ion	Ratio	Lower	Upper
248	100		
250	177.7	77.8	116.8#
141	646.3	75.9	113.9#

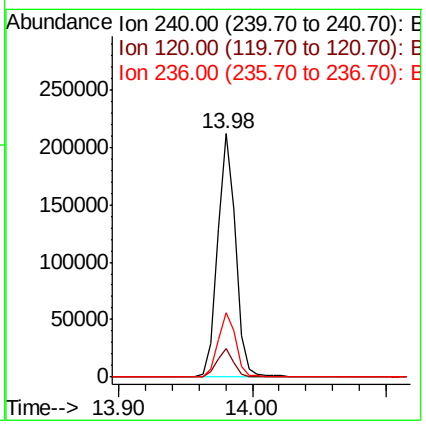


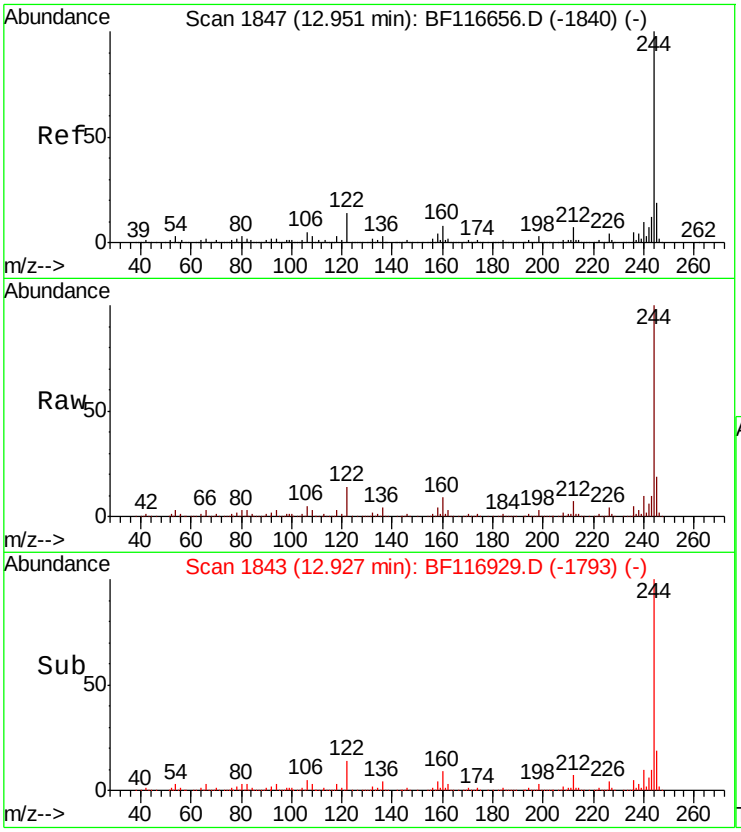


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:240 Resp: 202098

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.1	13.7
236	26.3	21.1	31.7



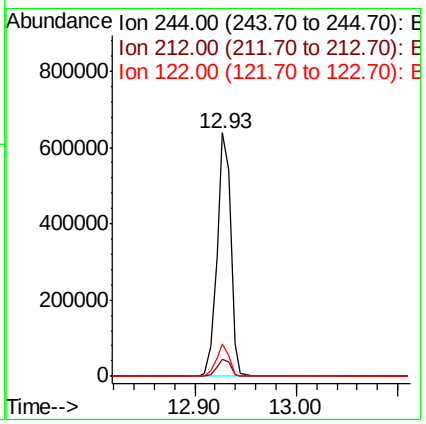


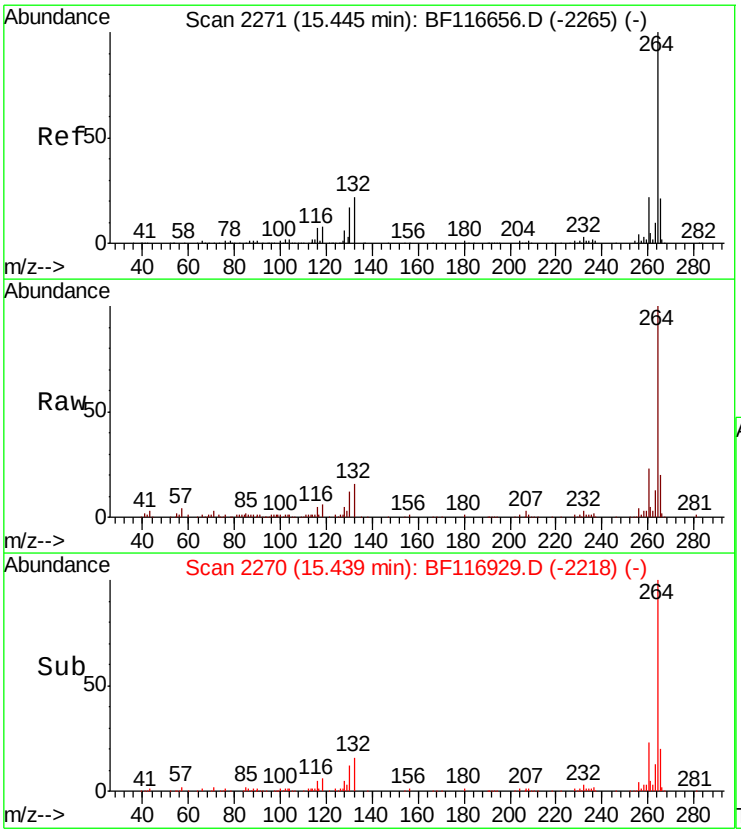
#79
Terphenyl-d14
Concen: 54.269 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 592867

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	13.5	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF116929.D
Acq: 10 Sep 2019 18:54

Tgt Ion:264 Resp: 179198

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.2	16.5	24.7