Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
Data File : BF116909.D
Acq On : 9 Sep 2019 20:59
Operator : HP/JU
Sample : K4752-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

Quant Time: Sep 10 03:03:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	68402	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	270874	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	142701	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	249855	20.00	ng		-0.02
76) Chrysene-d12	13.98	240	207503	20.00	ng		-0.02
87) Perylene-d12	15.43	264	195328	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	389636	92.28	ng		-0.01
7) Phenol-d6	6.46	99	539952	97.39	ng		-0.02
23) Nitrobenzene-d5	7.39	82	326210	68.75	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	119608	125.38	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	596312	70.49	ng		-0.02
79) Terphenyl-d14	12.93	244	665075	59.29	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	9744	2.668	ng		90
19) n-Nitroso-di-n-propylamine	7.39	70	42898	11.751	ng	#	69
25) Isophorone	7.39	82	326208	33.928	ng	#	66
50) Dimethylphthalate	9.58	163	80432	8.164	ng	#	98
57) 2,4-Dinitrotoluene	9.87	165	17915	7.795	ng	#	19
67) 4-Bromophenyl-phenylether	10.65	248	8281	3.263	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 9 Sep 2019 20:59
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ALS Vial : 16 Sample Multiplier: 1

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BNA_F
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Quant Time: Sep 10 03:03:32 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
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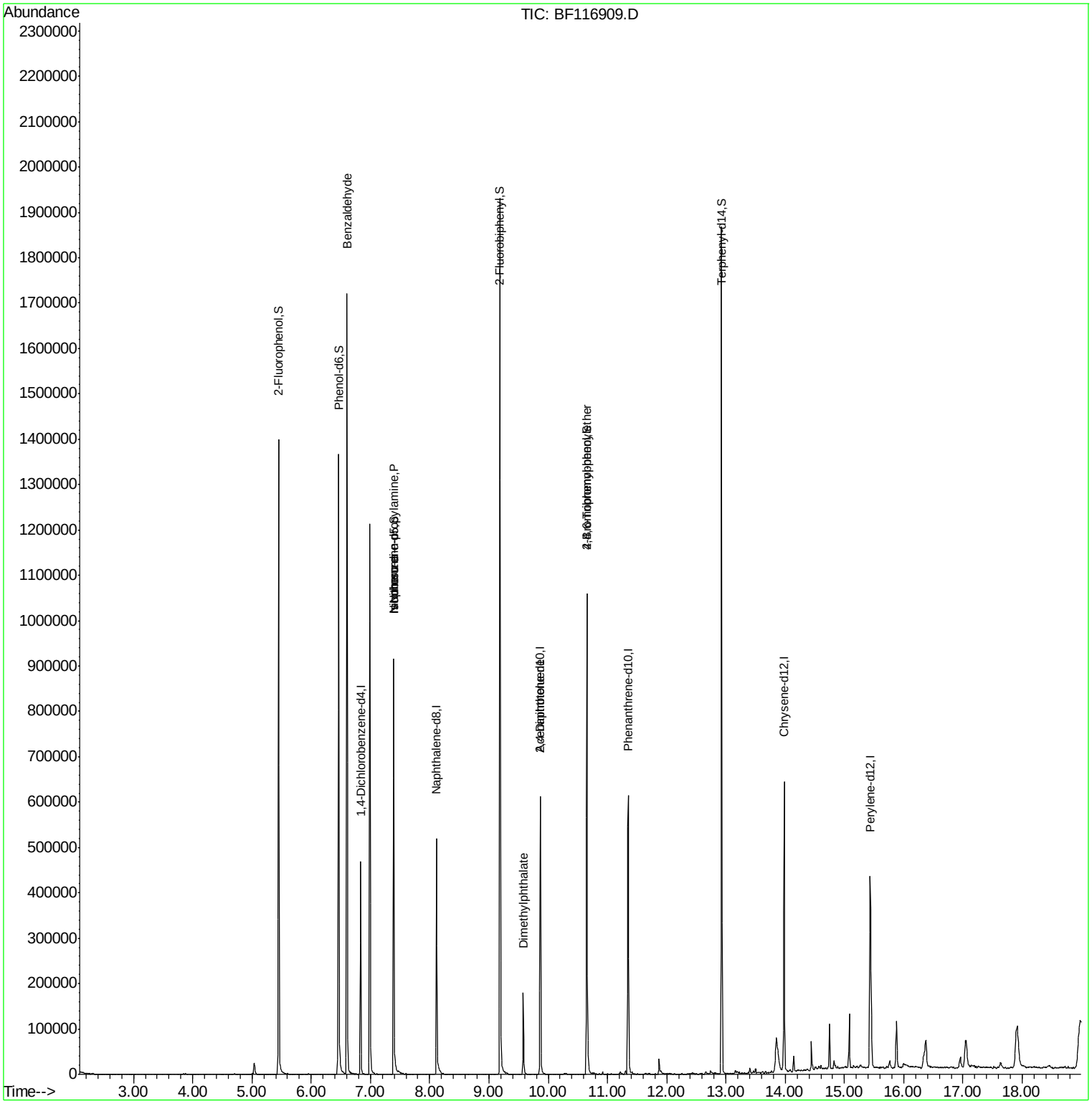
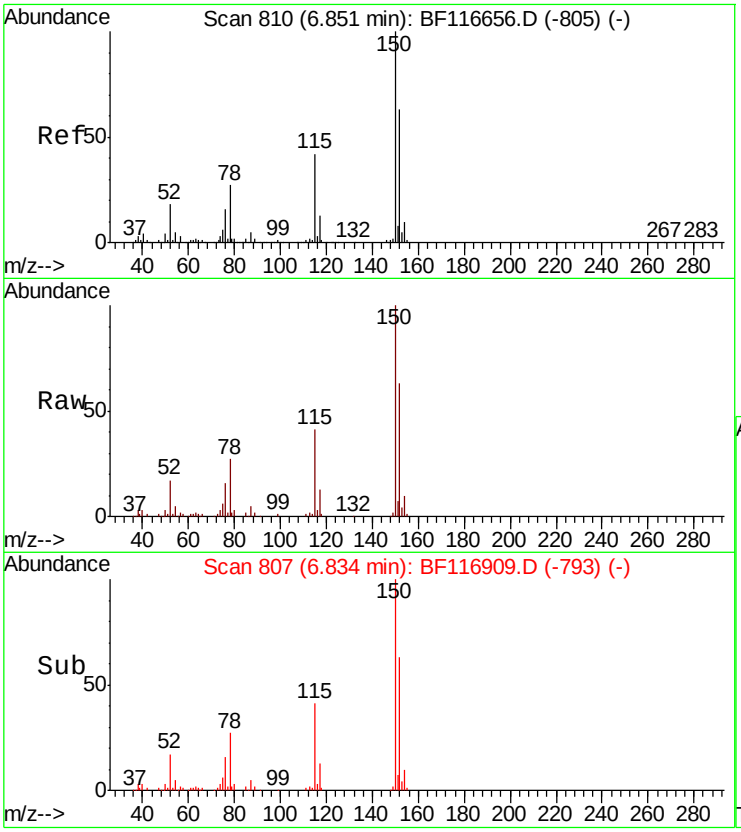


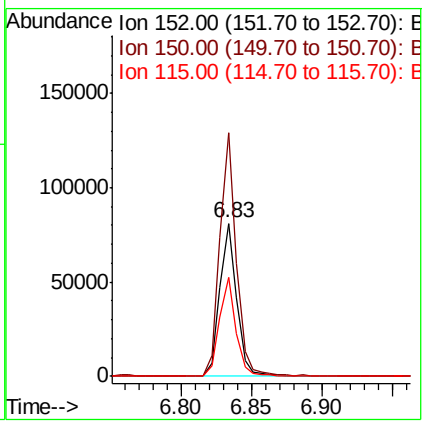


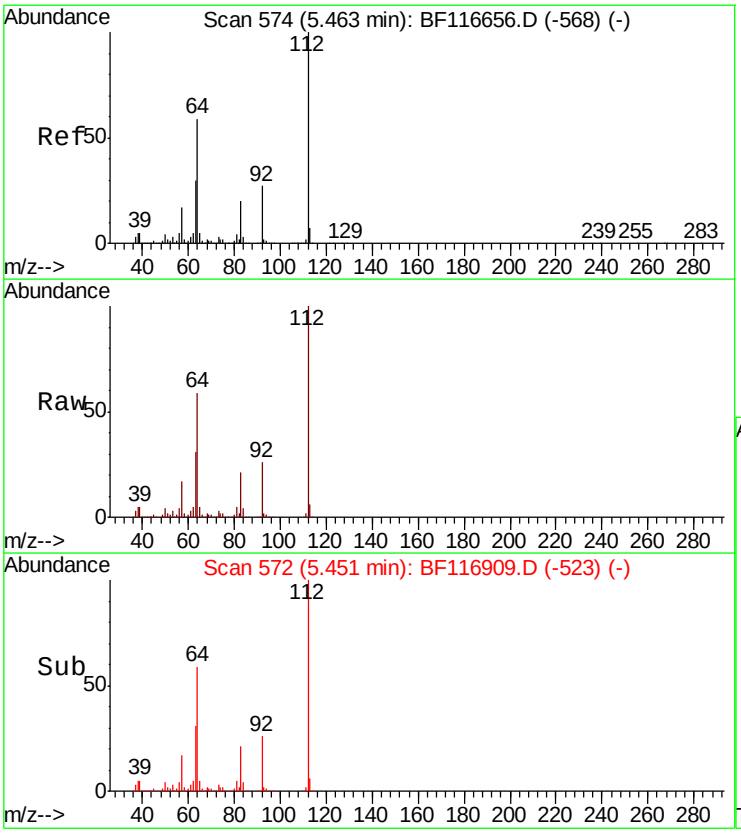
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:152 Resp: 68402

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.4	186.6
115	64.7	49.9	74.9

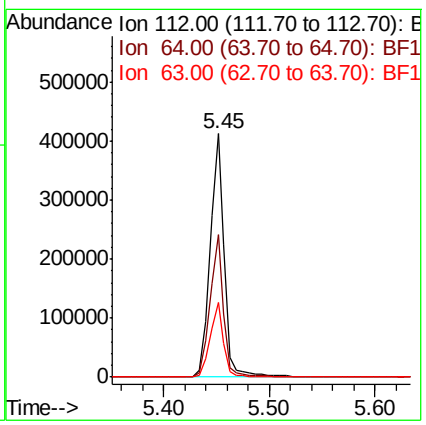


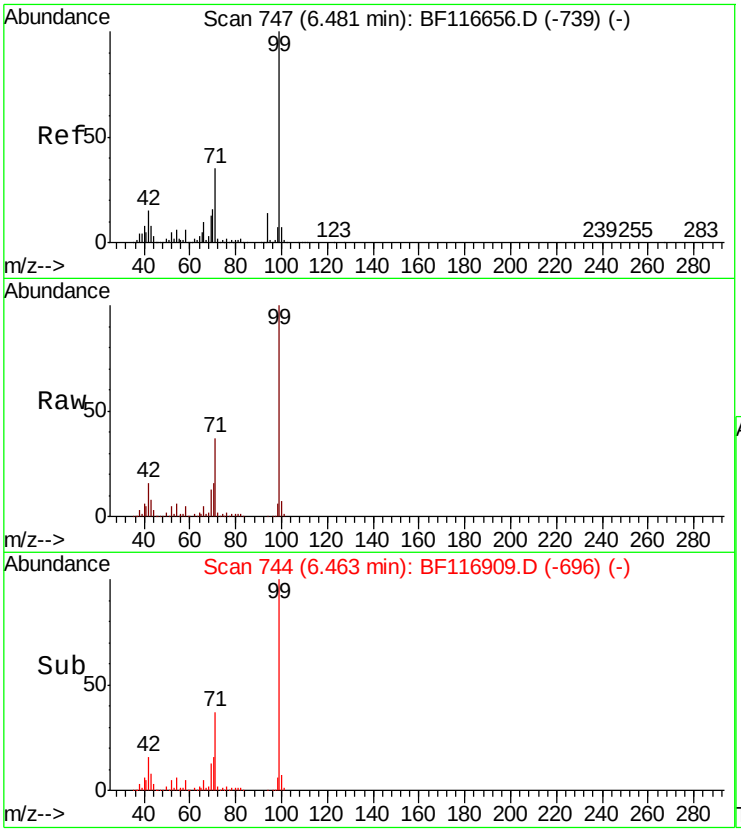


#5
2-Fluorophenol
Concen: 92.283 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:112 Resp: 389636

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.1	70.7
63	30.5	24.9	37.3



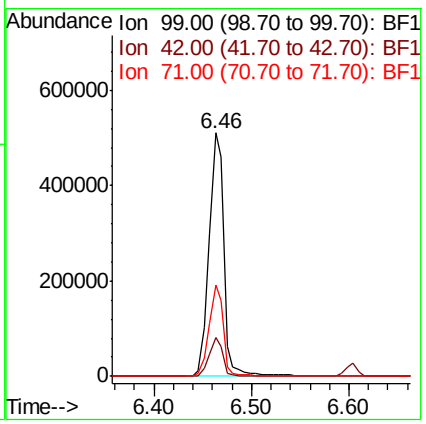


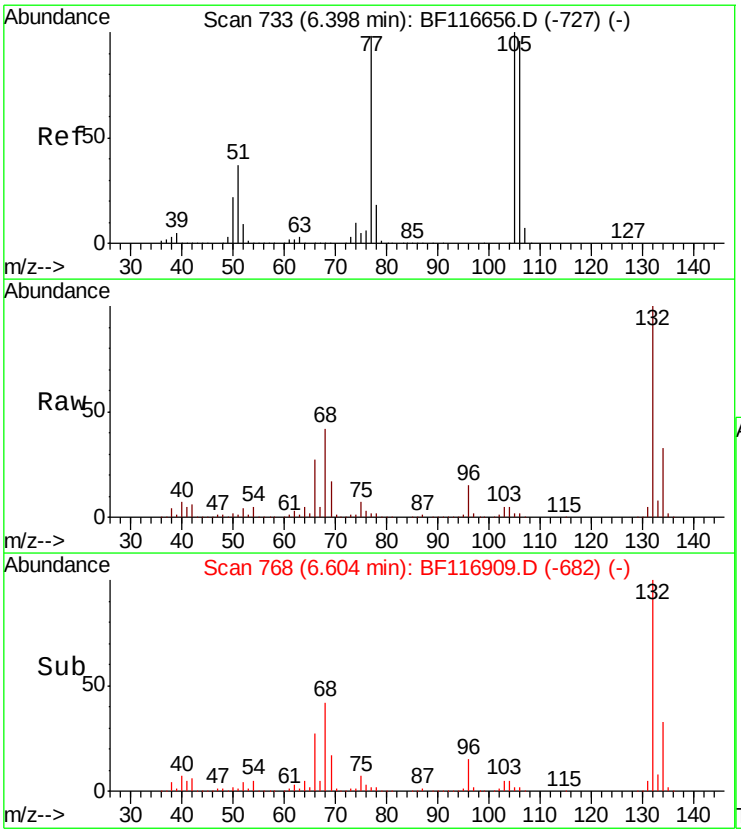
#7
Phenol-d6
Concen: 97.390 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 99 Resp: 539952

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.7	20.5
71	37.4	30.8	46.2

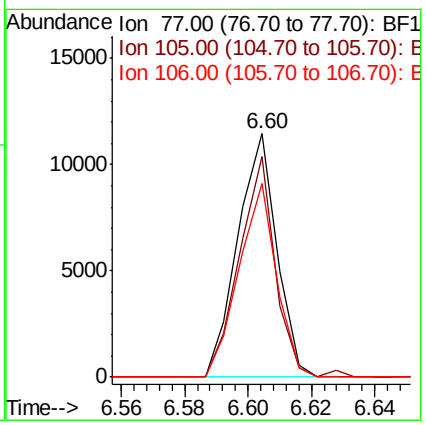


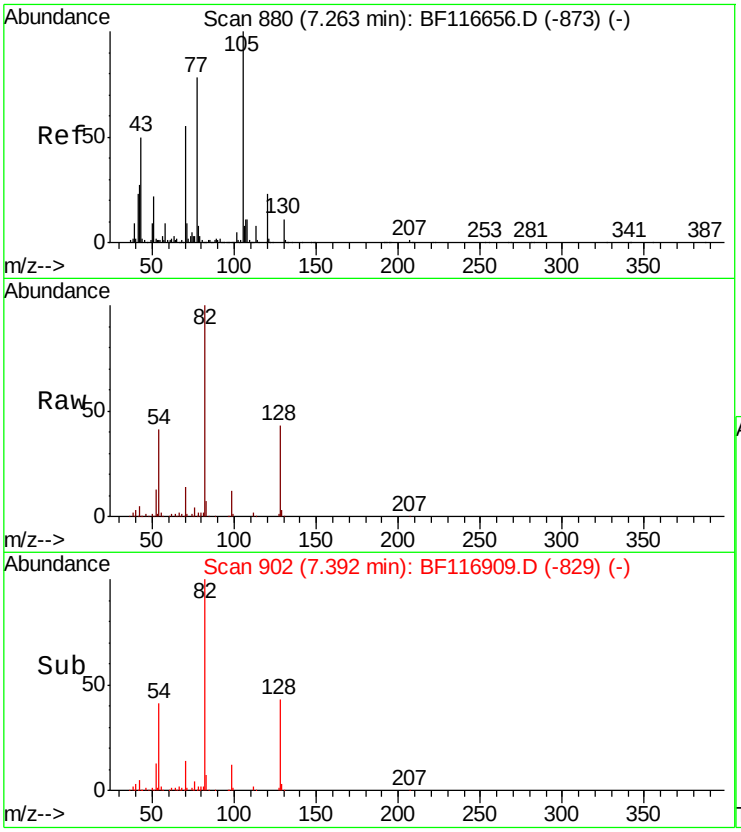


#9
Benzaldehyde
Concen: 2.668 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.21 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion: 77 Resp: 9744

Ion	Ratio	Lower	Upper
77	100		
105	90.8	76.7	116.7
106	79.8	73.1	113.1



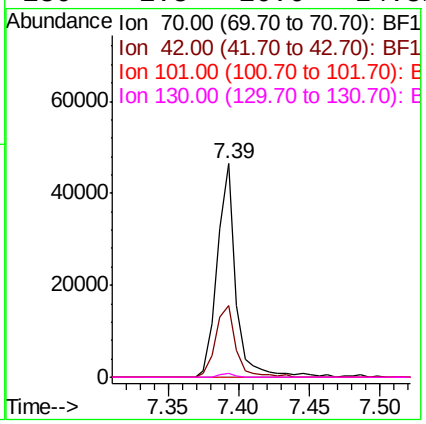


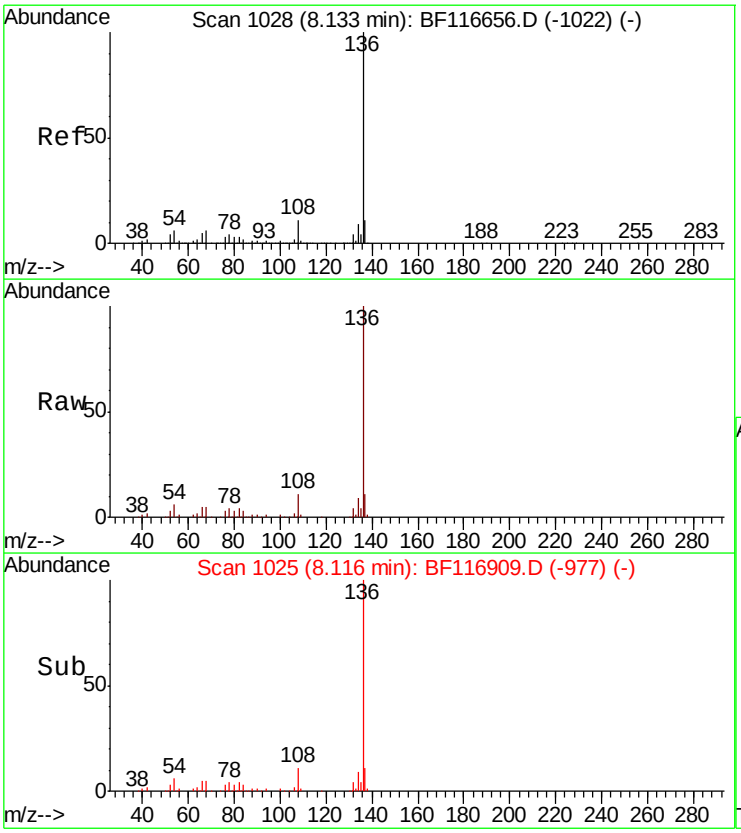
#19
n-Nitroso-di-n-propylamine
Concen: 11.751 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 70 Resp: 42898

Ion	Ratio	Lower	Upper
70	100		
42	33.8	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#

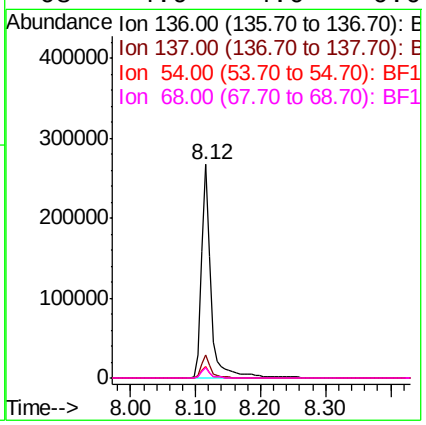


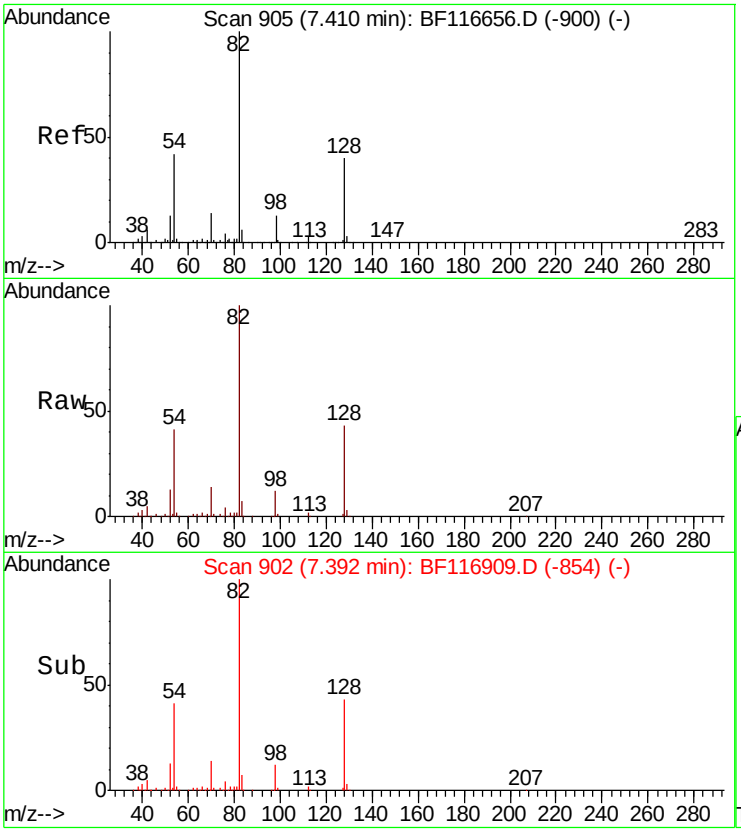


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:136 Resp: 270874

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.5	4.8	7.2
68	4.9	4.0	6.0



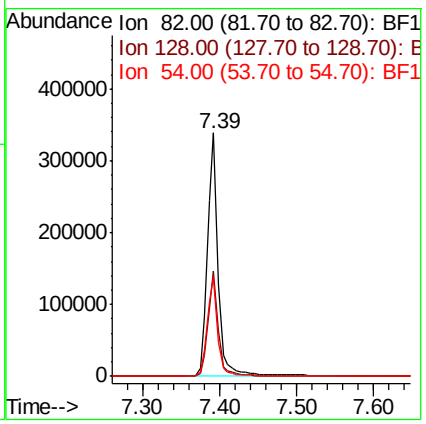


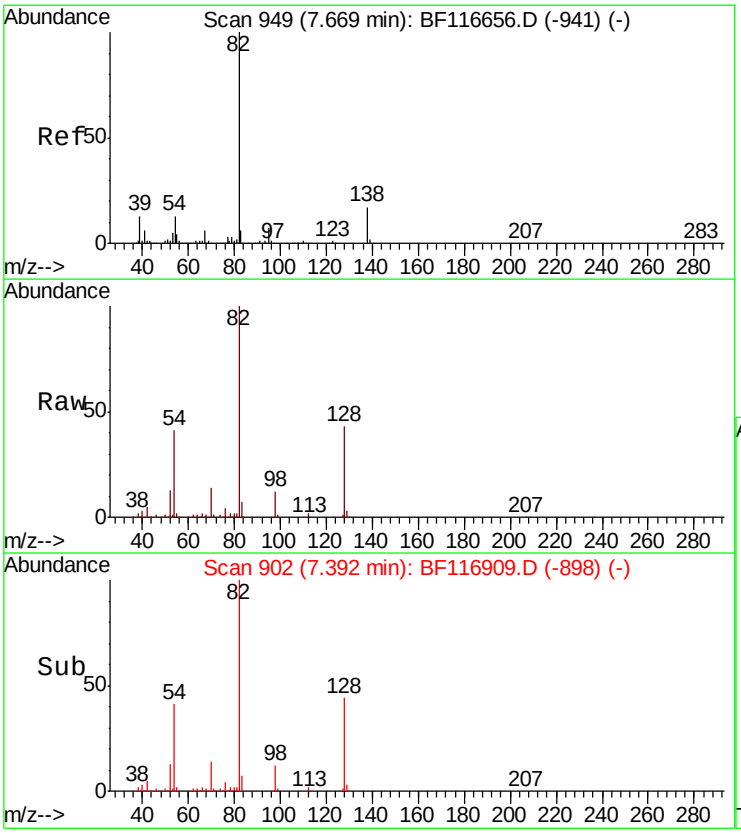
#23
Nitrobenzene-d5
Concen: 68.750 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 82 Resp: 326210

Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.8	49.2
54	40.7	36.9	55.3

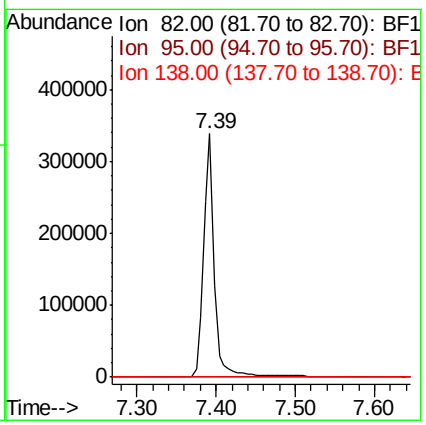


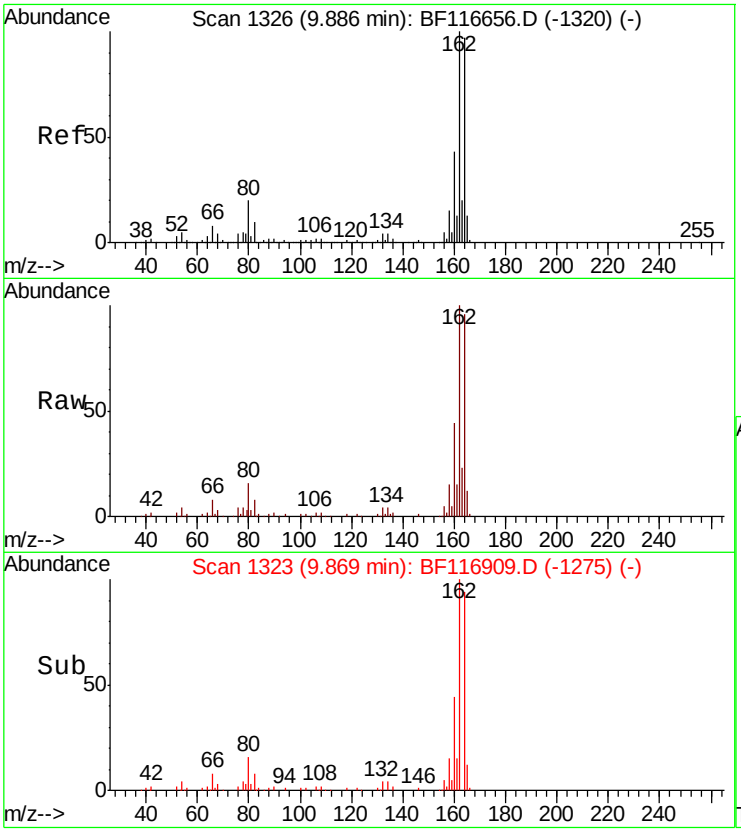


#25
Isophorone
Concen: 33.928 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion: 82 Resp: 326208

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



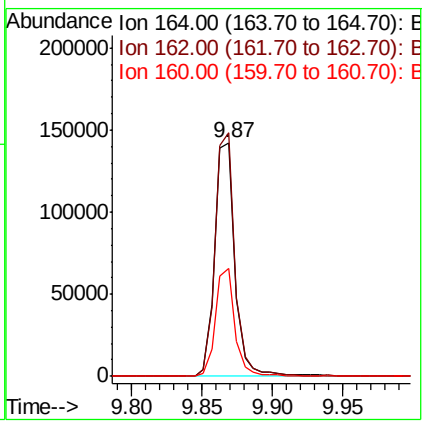


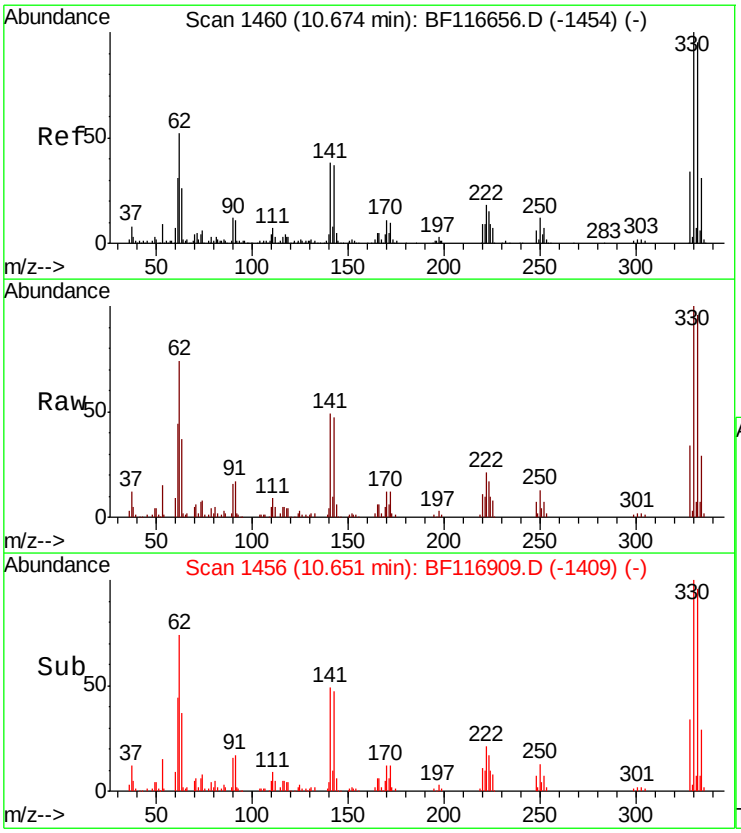
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:164 Resp: 142701

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.0
160	45.9	35.4	53.2

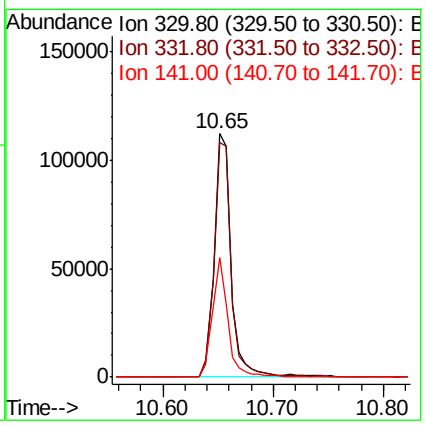


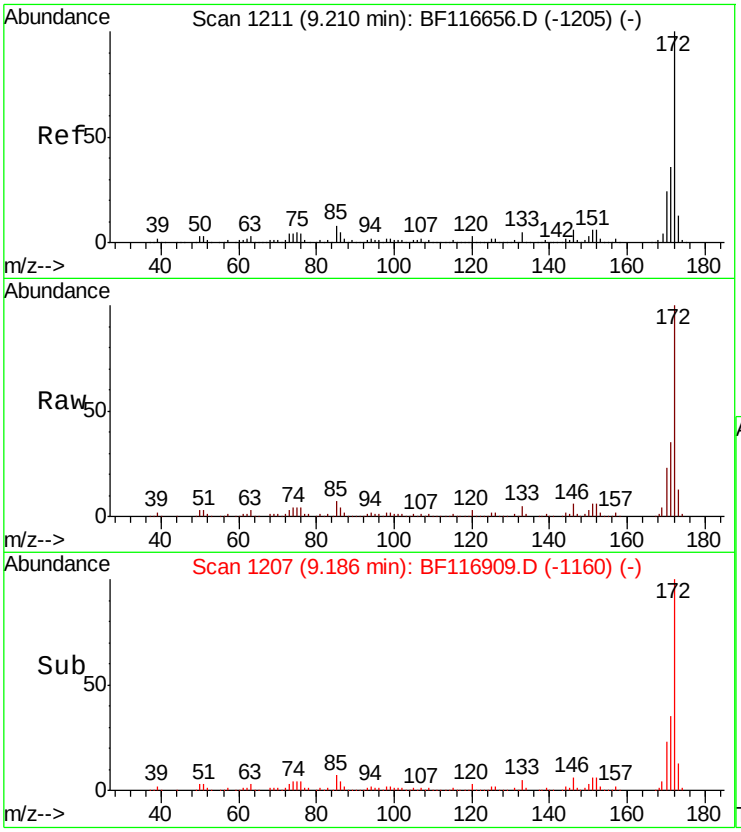


#42
2,4,6-Tribromophenol
Concen: 125.377 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:330 Resp: 119608

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	44.7	31.4	47.2



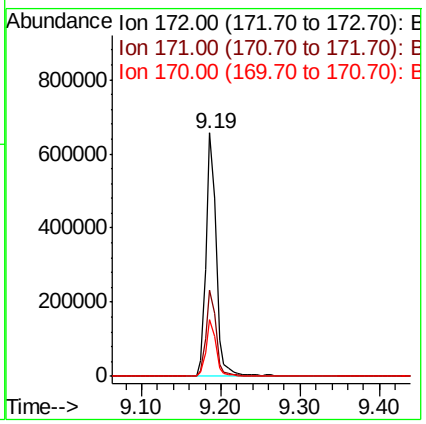


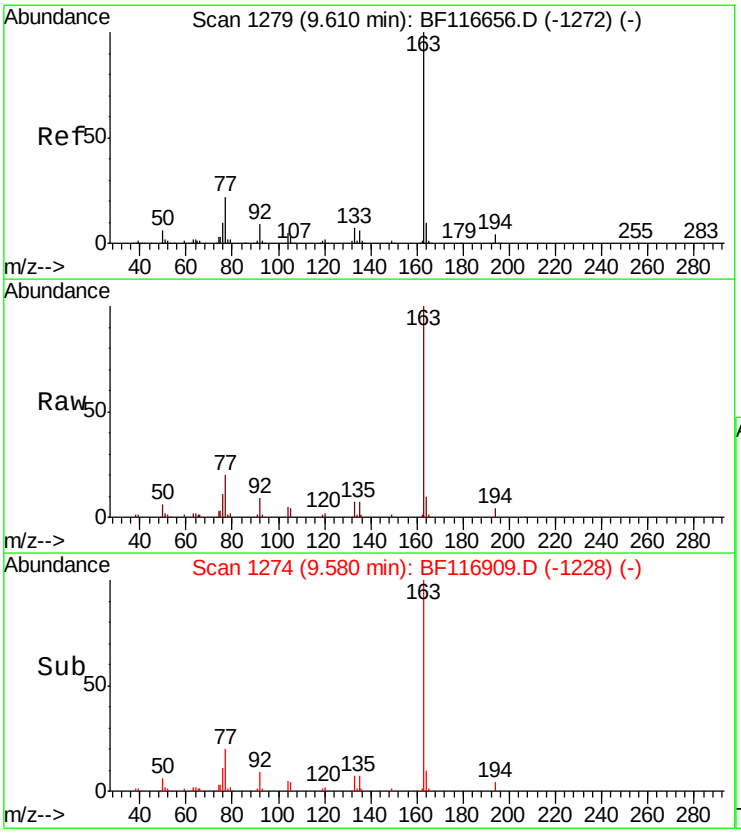
#45
2-Fluorobiphenyl
Concen: 70.491 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:172 Resp: 596312

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.3	18.9	28.3

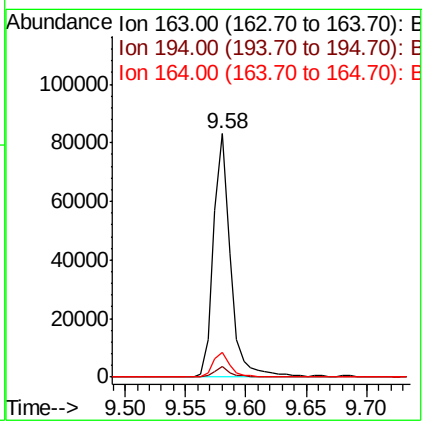


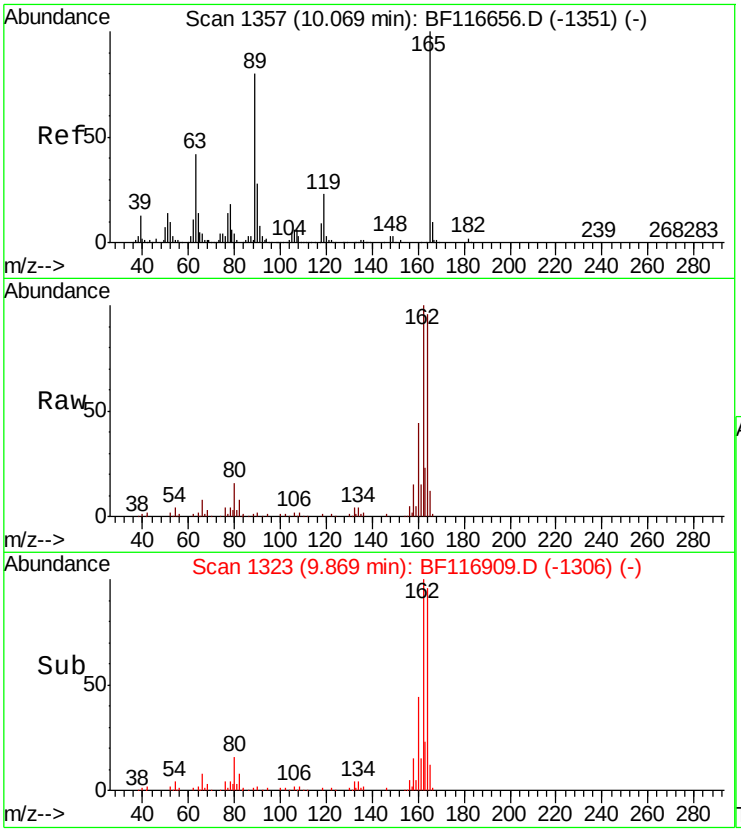


#50
Dimethylphthalate
Concen: 8.164 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:163 Resp: 80432

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	10.1	8.6	12.8



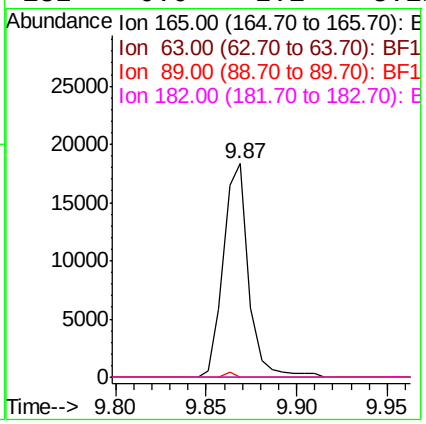


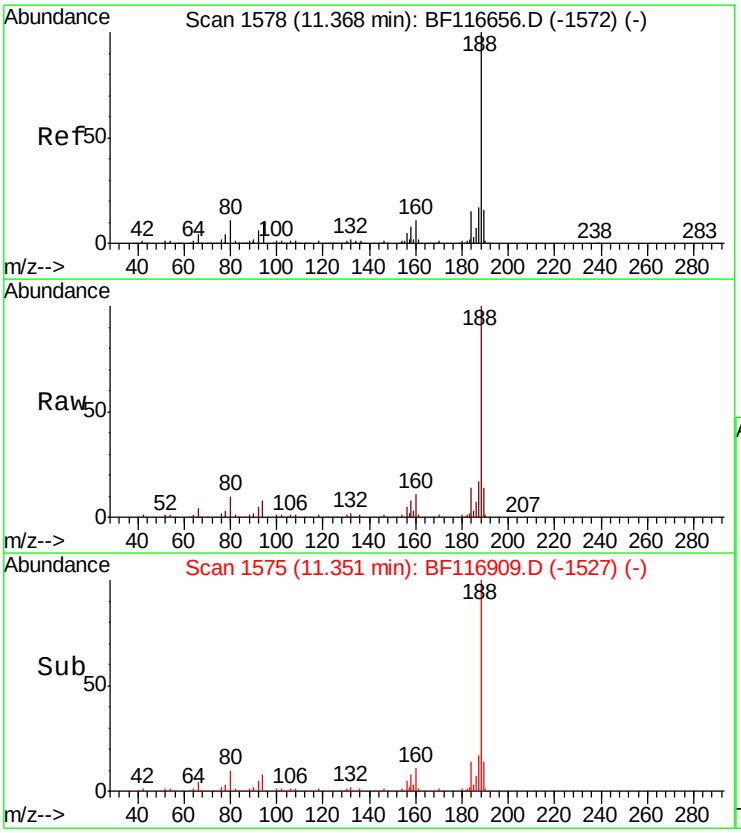
#57
2,4-Dinitrotoluene
Concen: 7.795 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.20 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:165 Resp: 17915

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

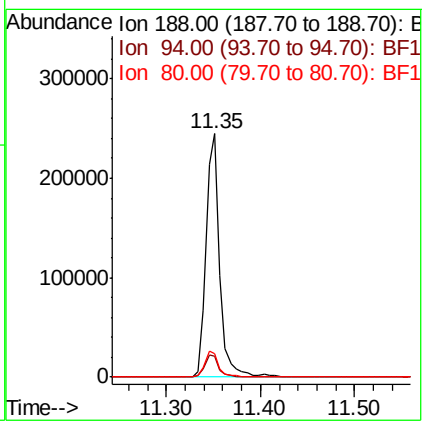


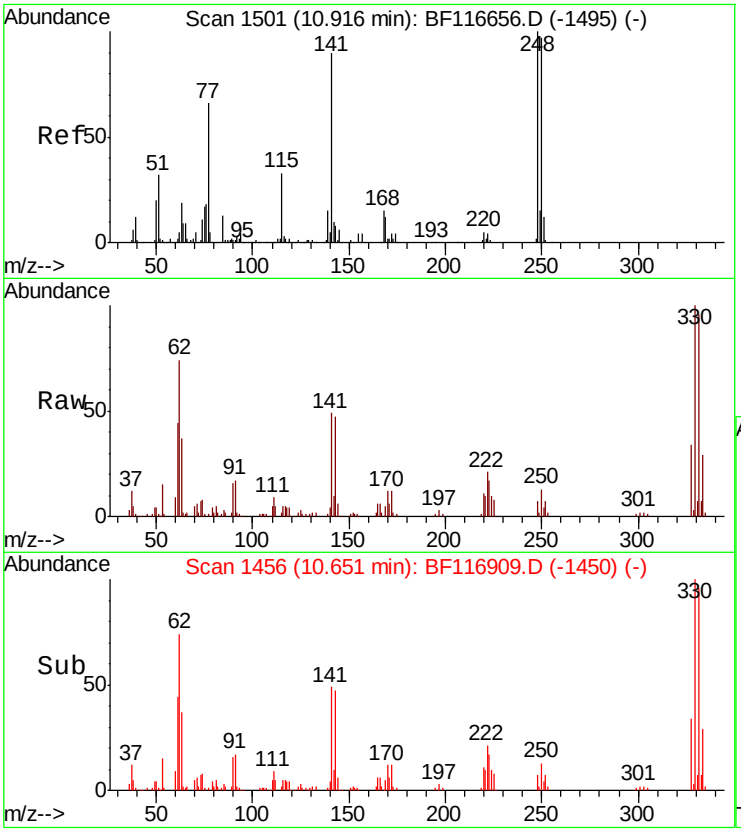


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:188 Resp: 249855

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.3	10.9
80	9.6	8.4	12.6



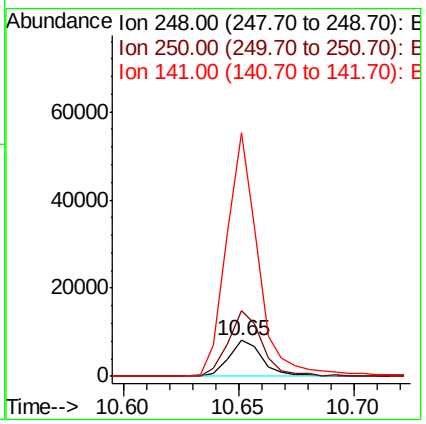


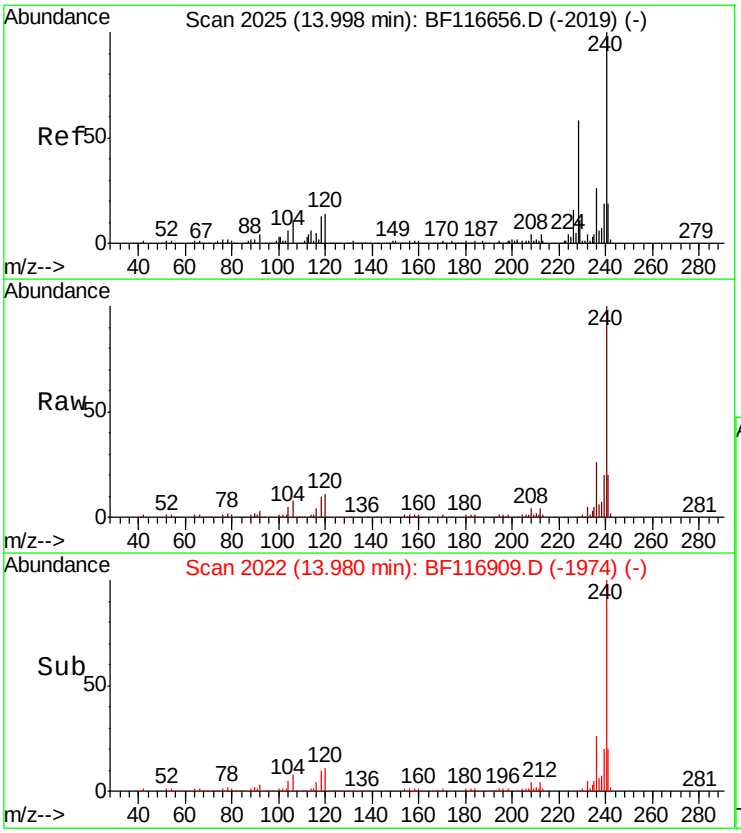
#67
4-Bromophenyl-phenylether
Concen: 3.263 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.26 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:248 Resp: 8281

Ion	Ratio	Lower	Upper
248	100		
250	182.0	77.8	116.8#
141	672.5	75.9	113.9#

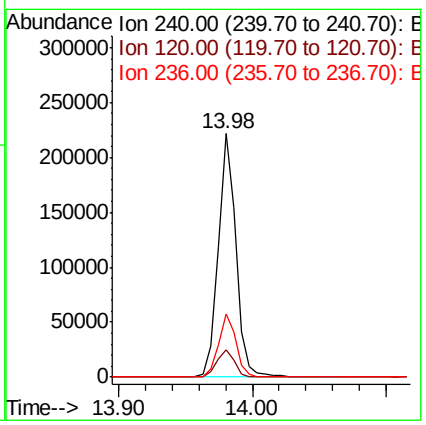


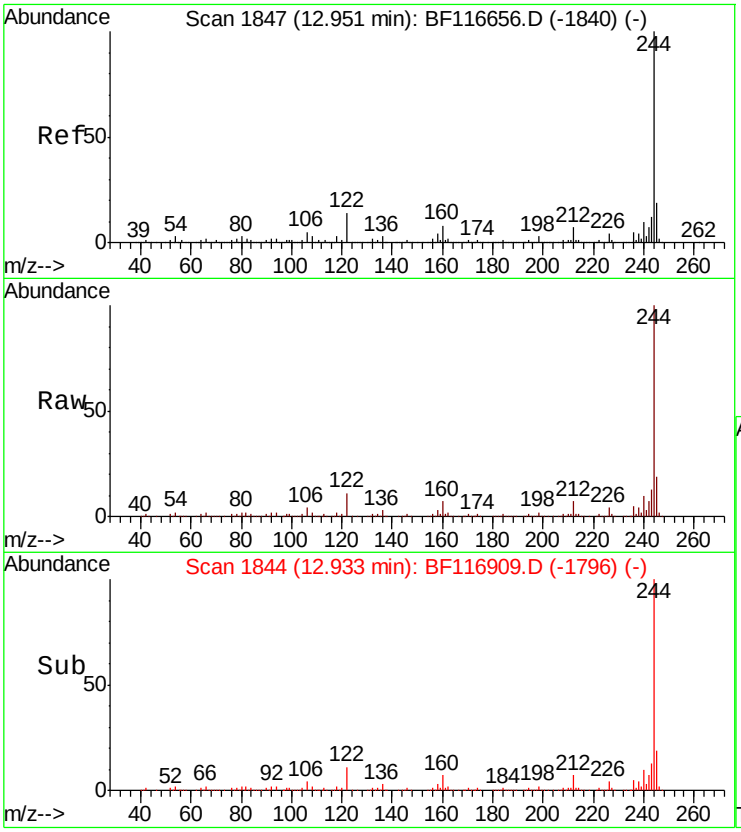


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:240 Resp: 207503

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	25.8	21.1	31.7



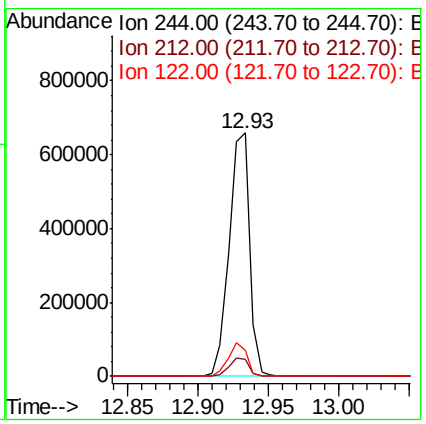


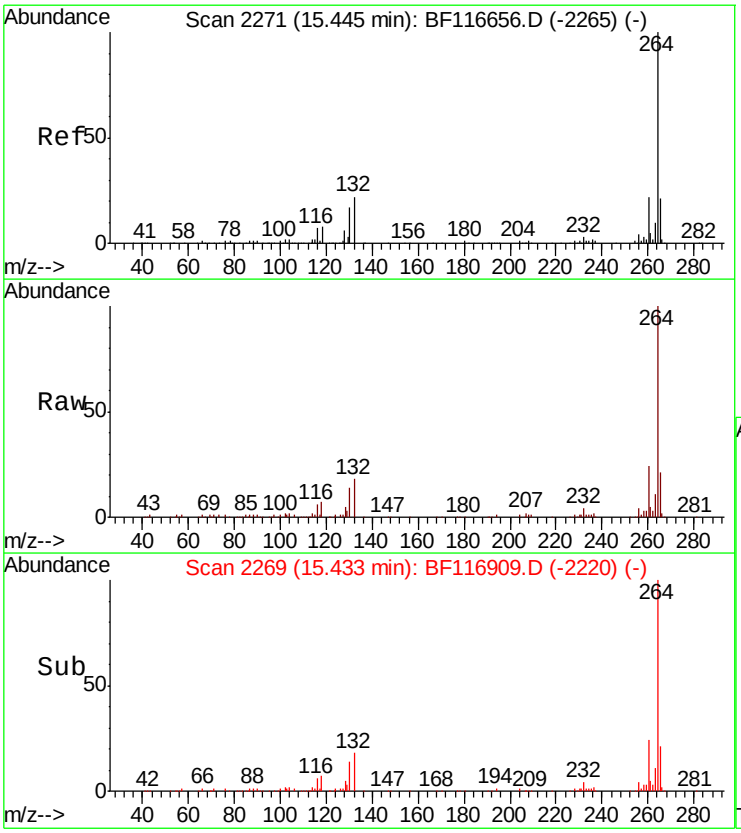
#79
Terphenyl-d14
Concen: 59.293 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:244 Resp: 665075

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	10.9	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:264 Resp: 195328

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.0	16.5	24.7