Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
Data File : BF112668.D
Acq On : 22 Feb 2019 17:02
Operator : JU/SJ
Sample : PB117296BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117296BL

Quant Time: Feb 22 22:14:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	56753	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	222991	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	110191	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	229184	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	196071	20.00	ng		-0.03
87) Perylene-d12	15.45	264	161714	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	193600	72.46	ng		-0.02
7) Phenol-d6	6.47	99	258417	69.60	ng		-0.02
23) Nitrobenzene-d5	7.38	82	237333	61.33	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	72765	56.73	ng		-0.04
45) 2-Fluorobiphenyl	9.17	172	510712	65.55	ng		-0.04
79) Terphenyl-d14	12.91	244	546486	52.50	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	5004	2.579	ng		85
19) n-Nitroso-di-n-propylamine	7.38	70	31964	12.485	ng	#	79
25) Isophorone	7.38	82	237333	39.091	ng	#	63
51) 2,6-Dinitrotoluene	9.85	165	13718	7.154	ng	#	32
57) 2,4-Dinitrotoluene	9.85	165	13718	5.620	ng	#	30

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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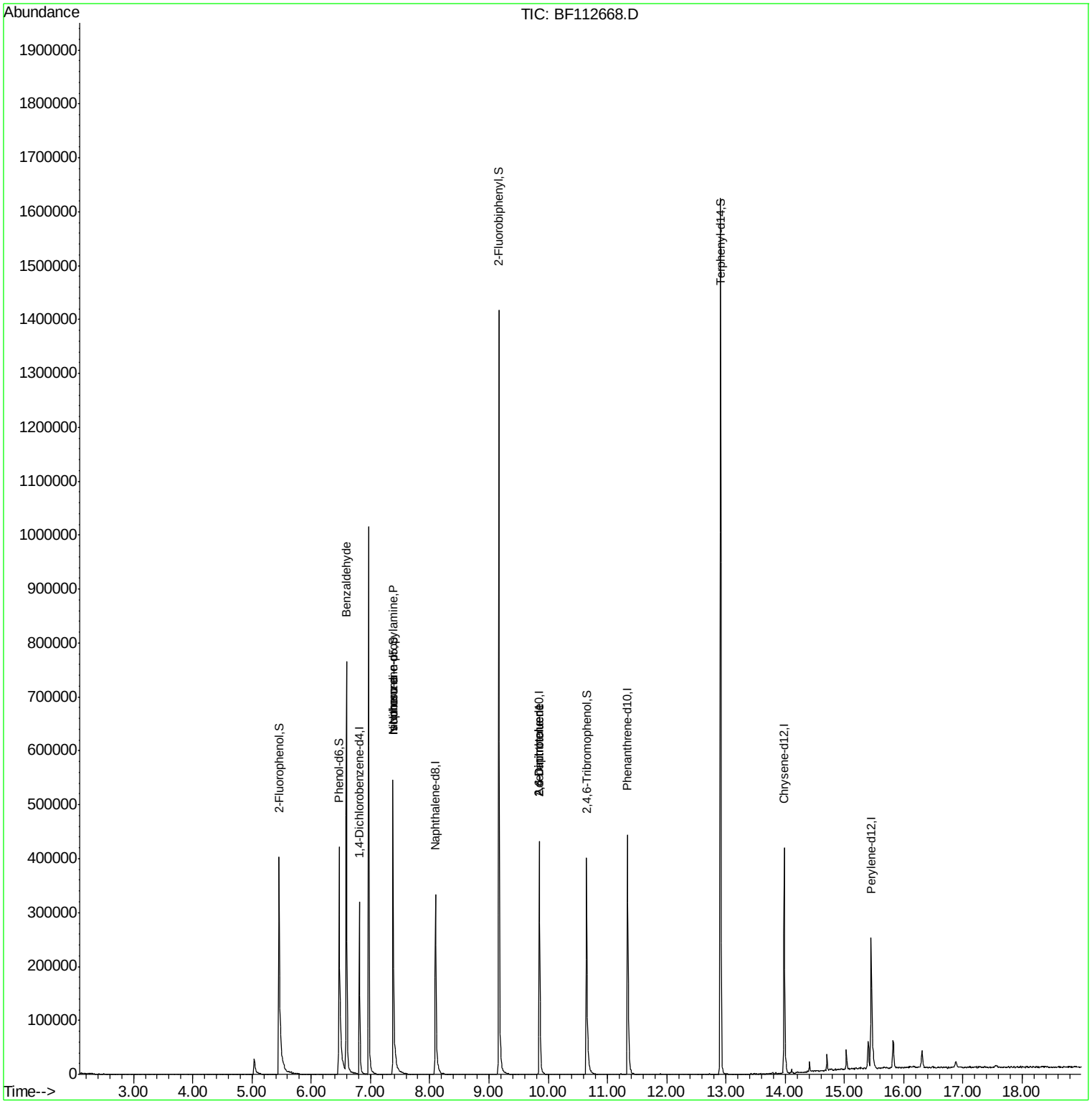
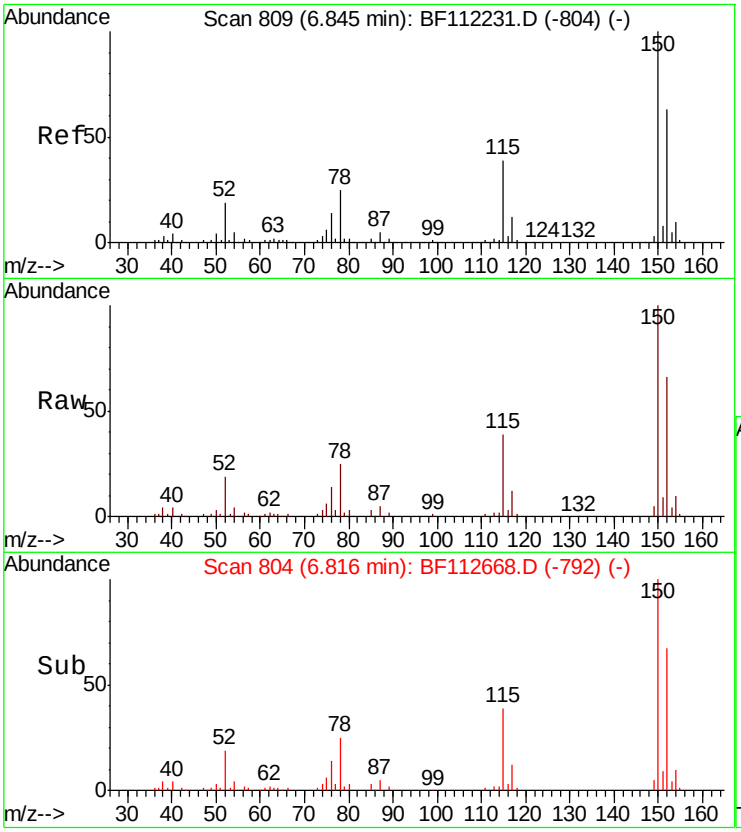


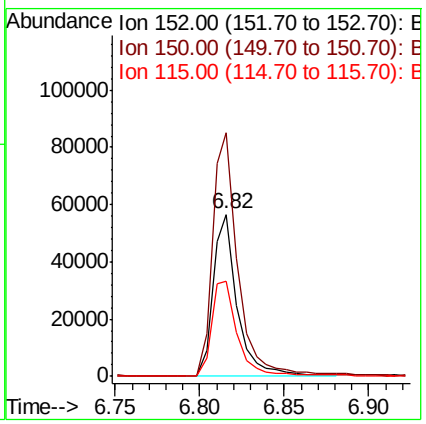


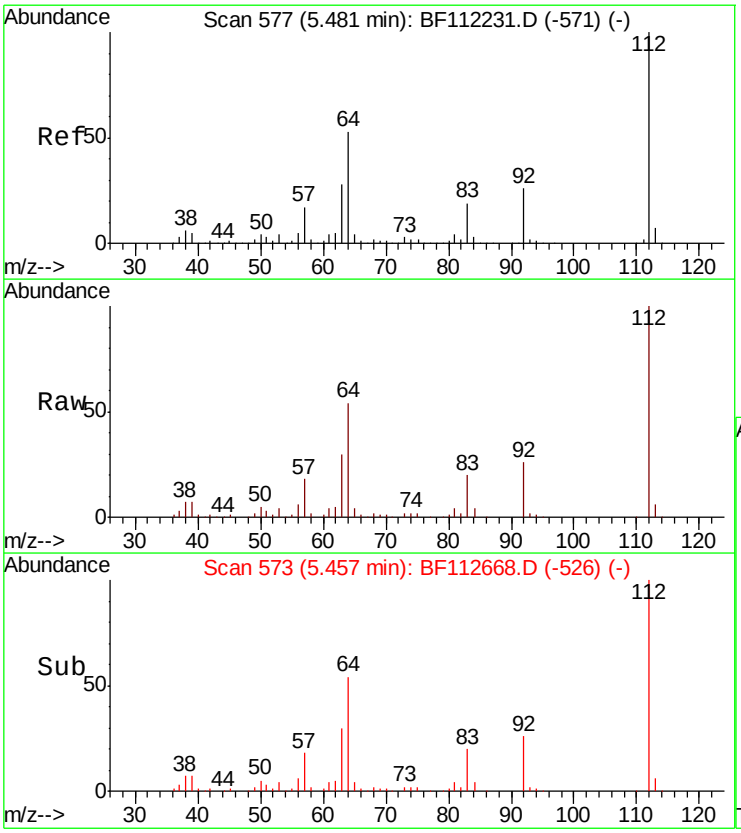
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion:152 Resp: 56753

Ion	Ratio	Lower	Upper
152	100		
150	150.5	127.4	191.0
115	58.8	45.5	68.3

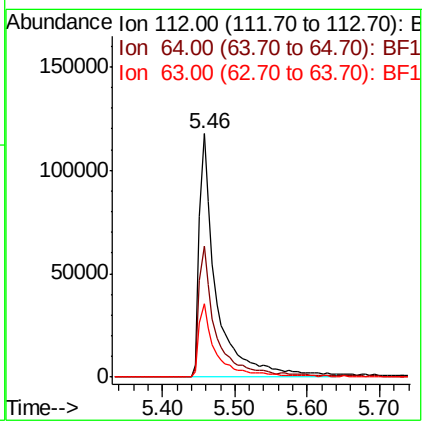


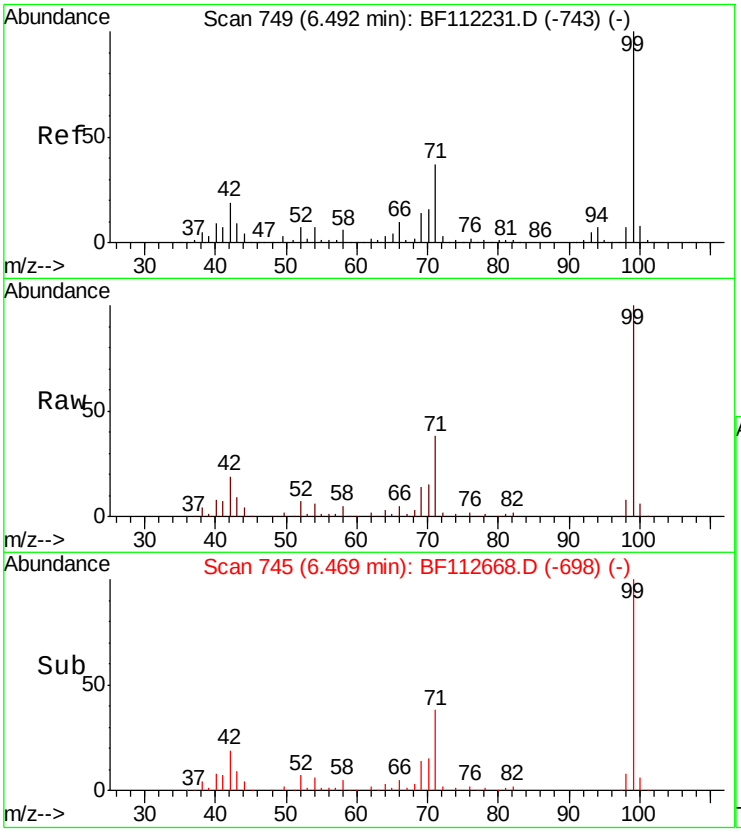


#5
2-Fluorophenol
Concen: 72.458 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:112 Resp: 193600

Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.7	68.5
63	30.3	23.6	35.4



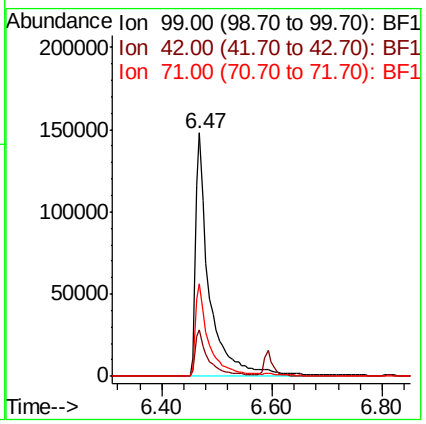


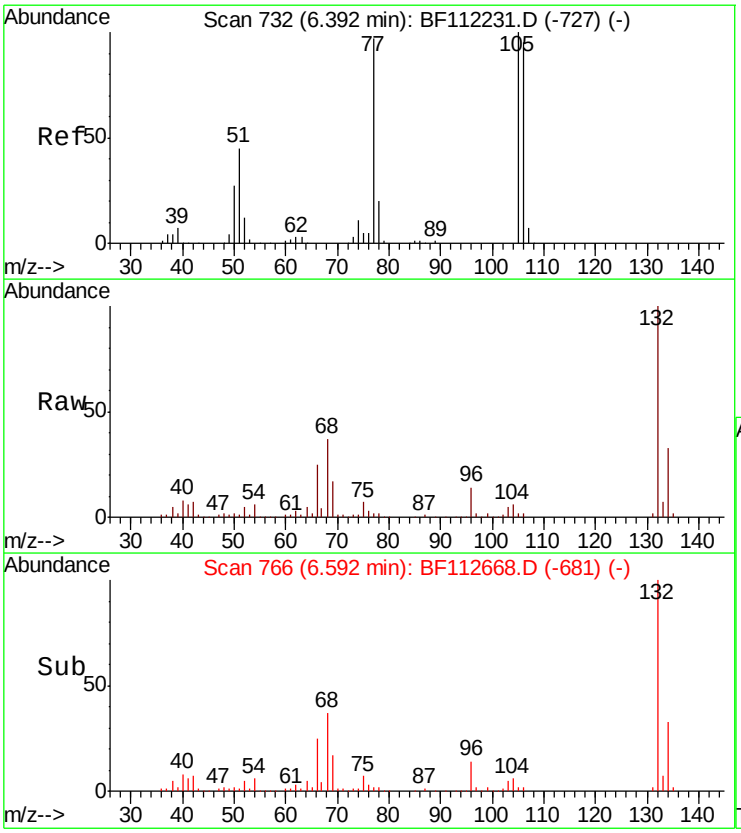
#7
Phenol-d6
Concen: 69.603 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion: 99 Resp: 258417

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.8	26.9	40.3

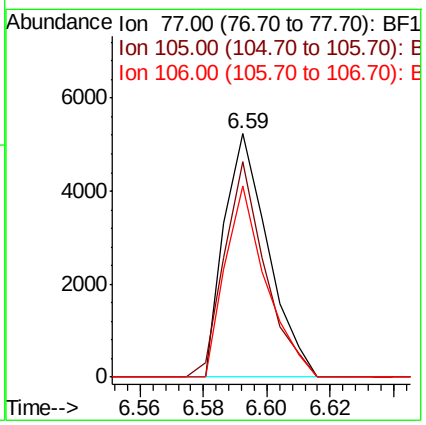


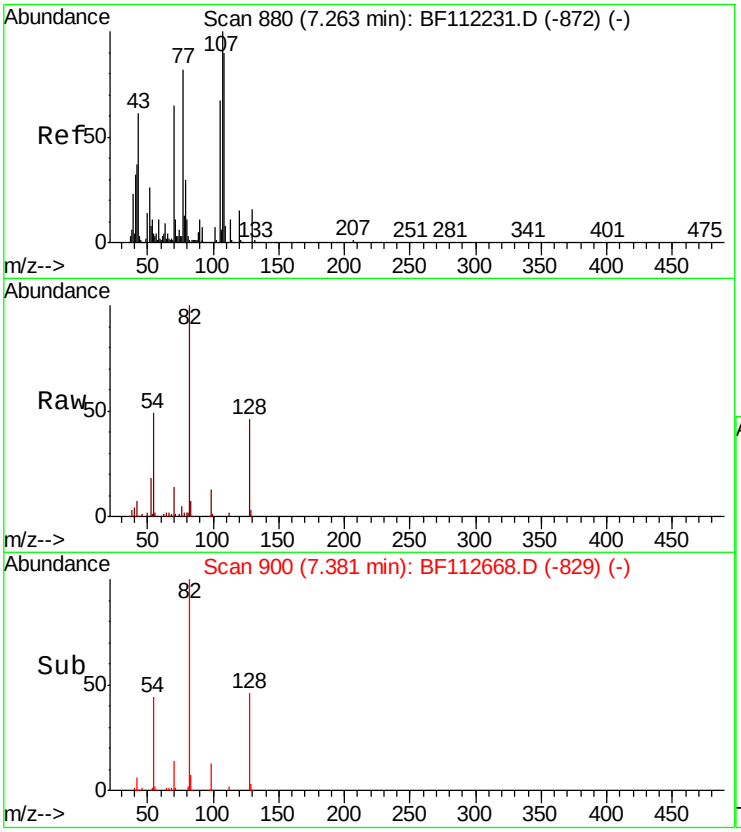


#9
Benzaldehyde
Concen: 2.579 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.20 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion: 77 Resp: 5004

Ion	Ratio	Lower	Upper
77	100		
105	88.5	80.8	120.8
106	78.3	75.7	115.7



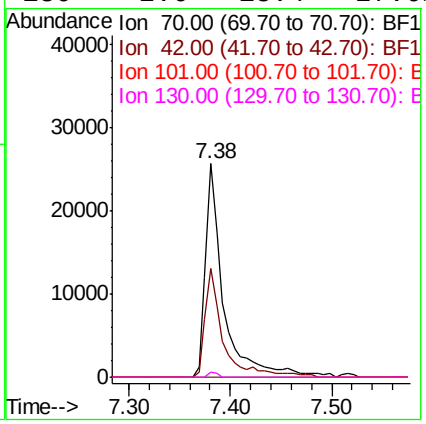


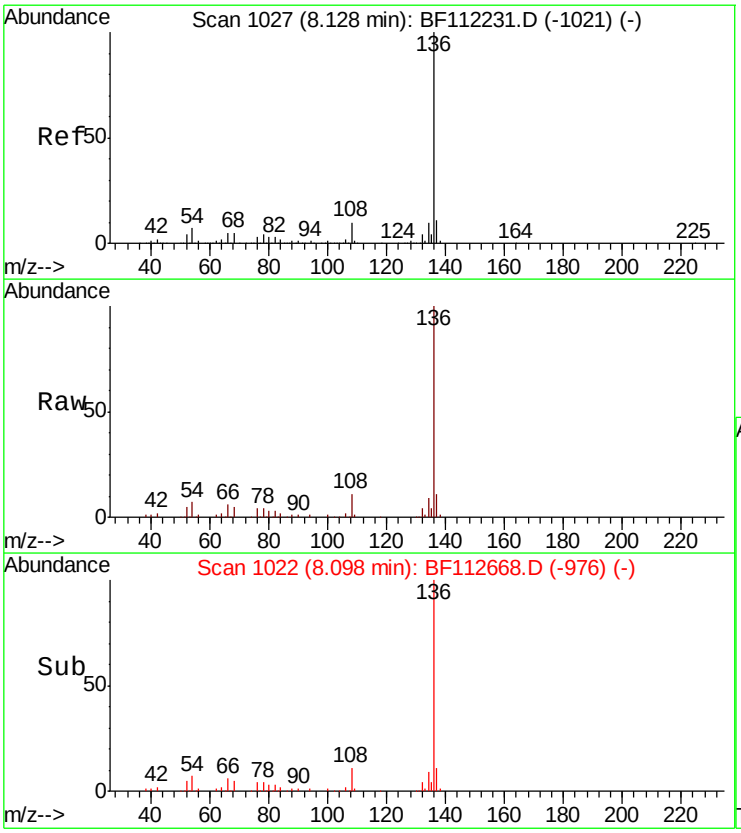
#19
n-Nitroso-di-n-propylamine
Concen: 12.485 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion: 70 Resp: 31964

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.6	71.4
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#

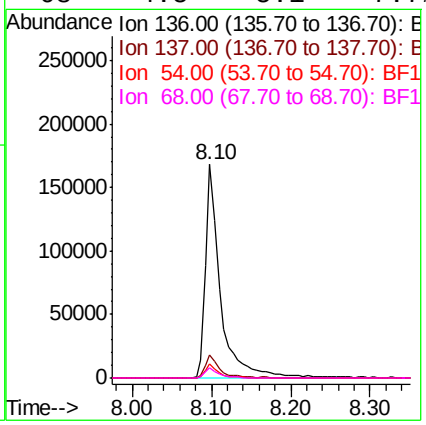


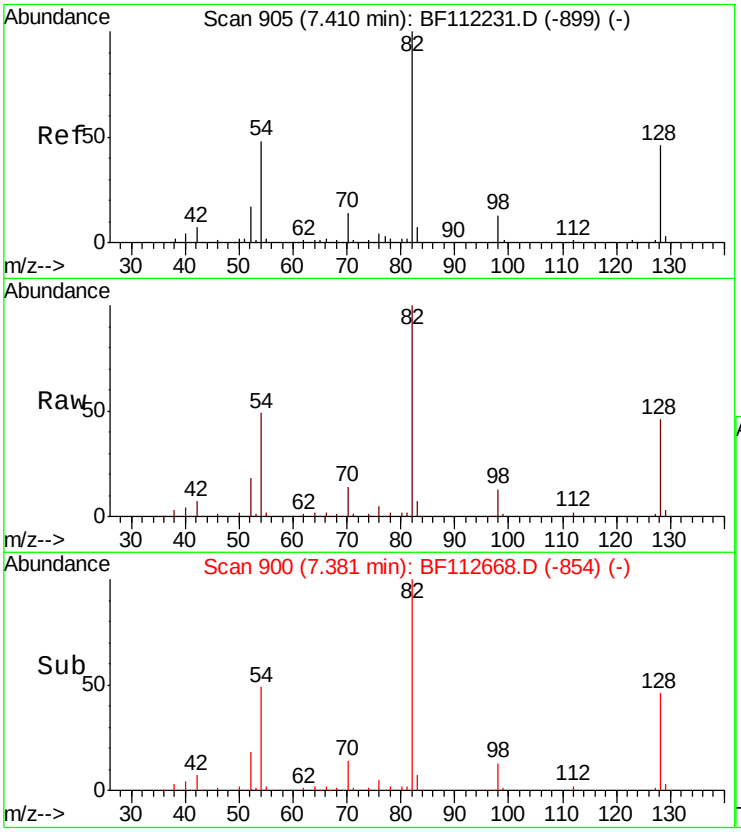


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:136 Resp: 222991

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	5.9	8.9
68	4.5	5.1	7.7#



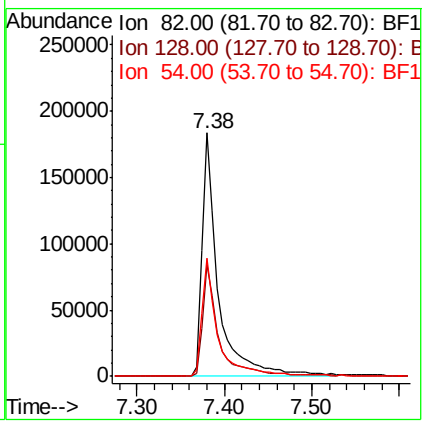


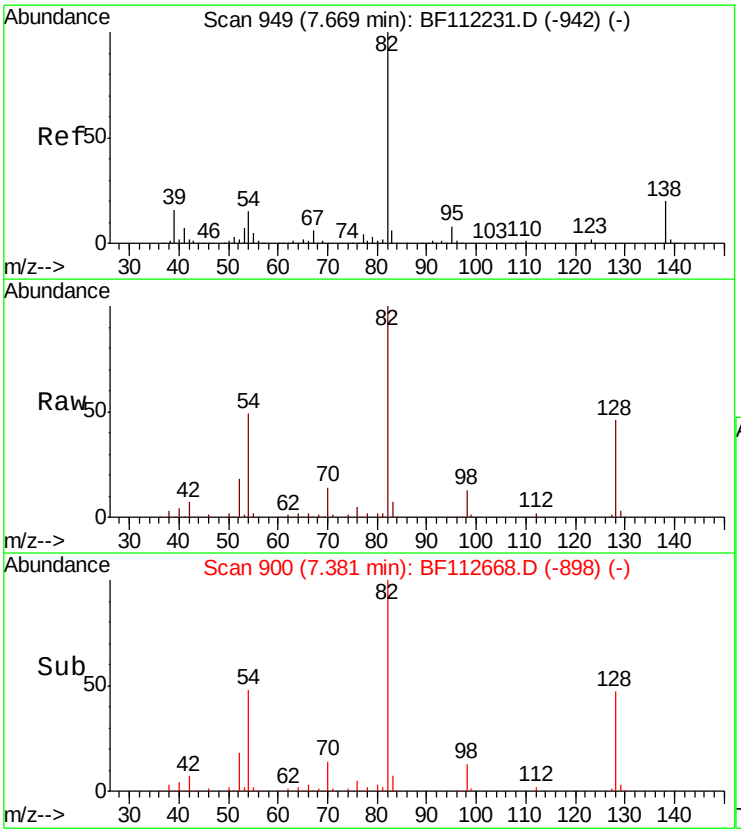
#23
Nitrobenzene-d5
Concen: 61.326 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion: 82 Resp: 237333

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.8	56.8
54	48.8	39.7	59.5

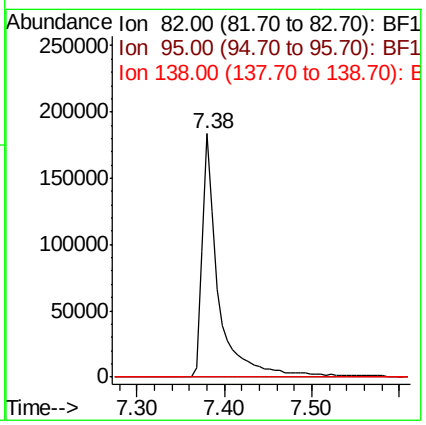


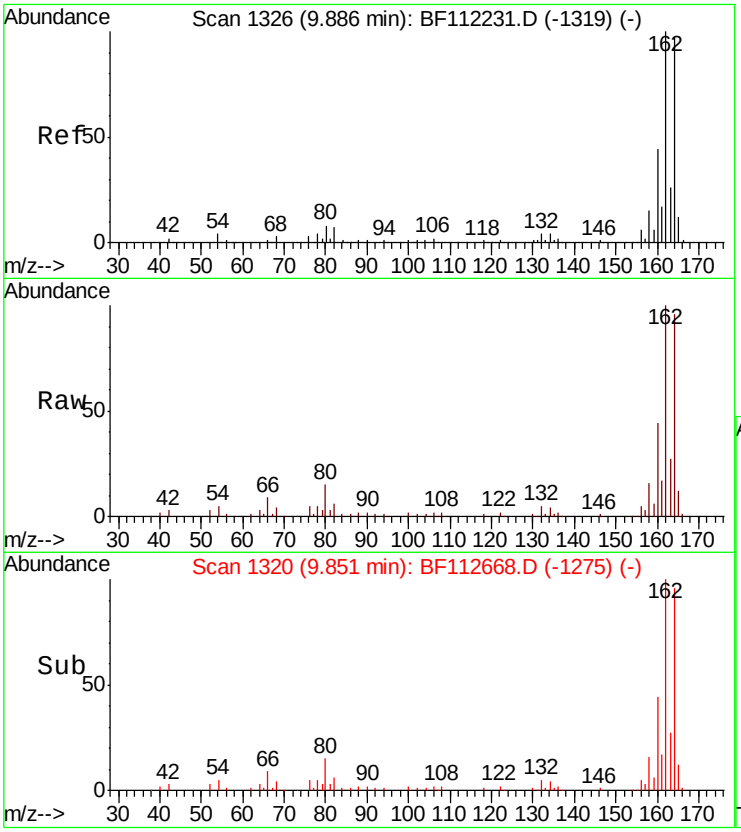


#25
Isophorone
Concen: 39.091 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion: 82 Resp: 237333

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



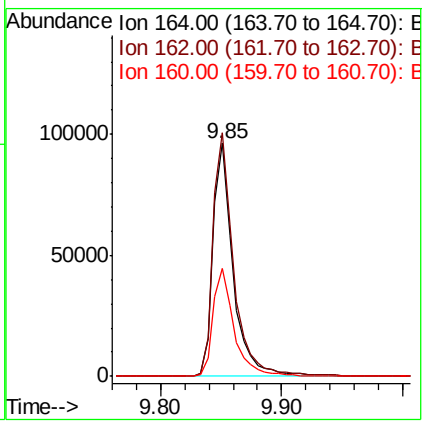


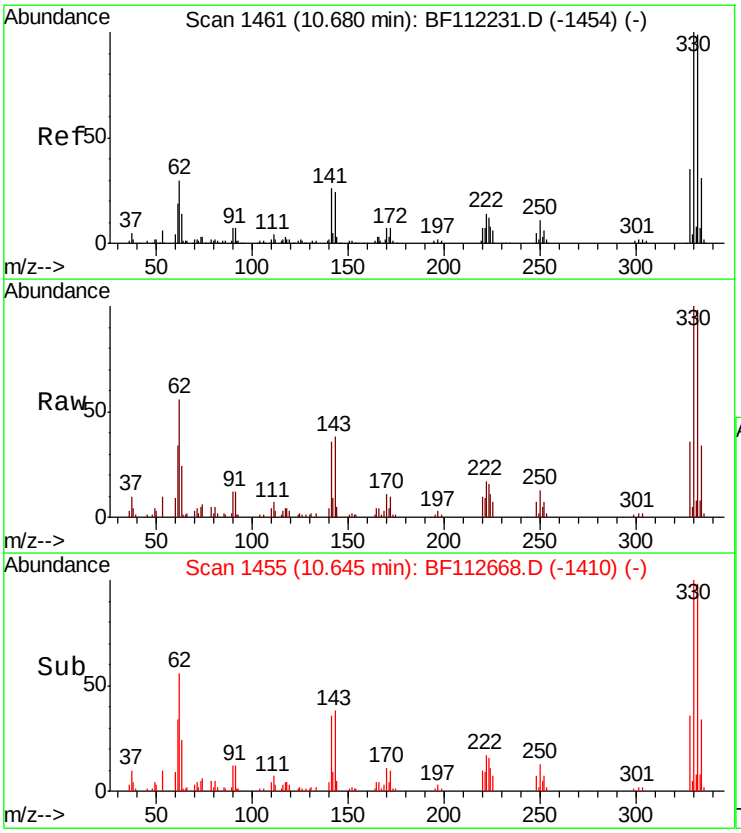
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion:164 Resp: 110191

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.4
160	46.2	36.2	54.4

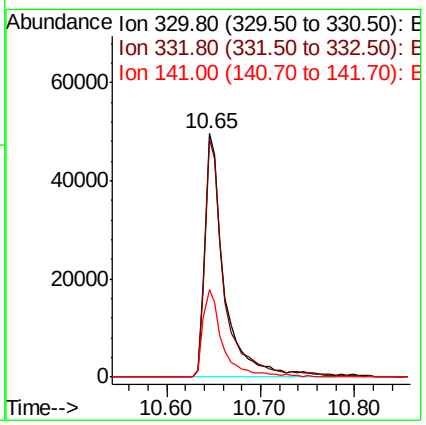


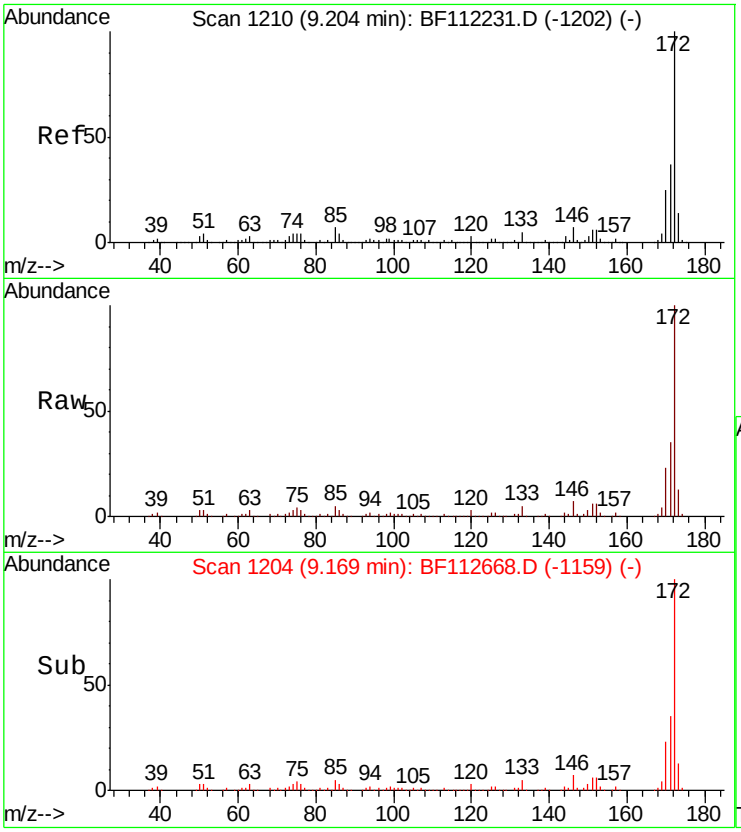


#42
2,4,6-Tribromophenol
Concen: 56.733 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:330 Resp: 72765

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	35.4	24.3	36.5



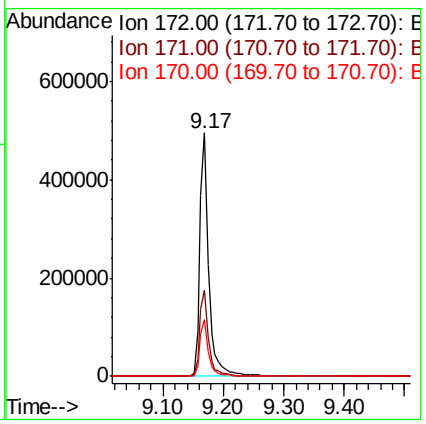


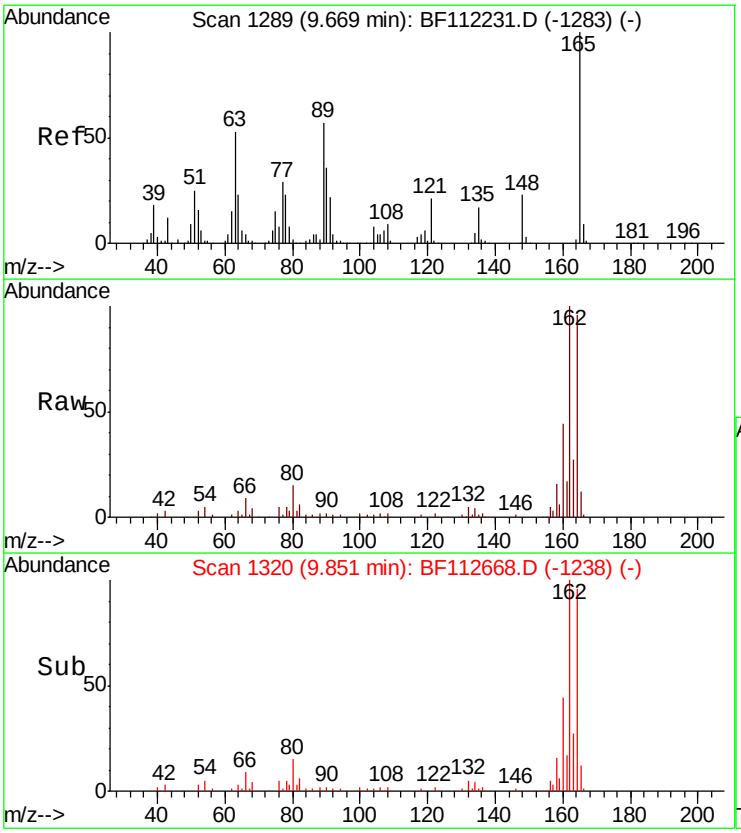
#45
2-Fluorobiphenyl
Concen: 65.552 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion:172 Resp: 510712

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.5	45.7
170	23.3	20.2	30.4

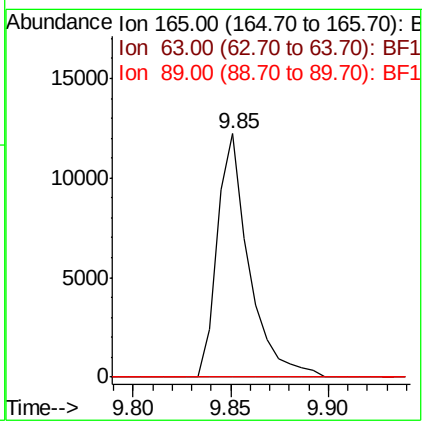


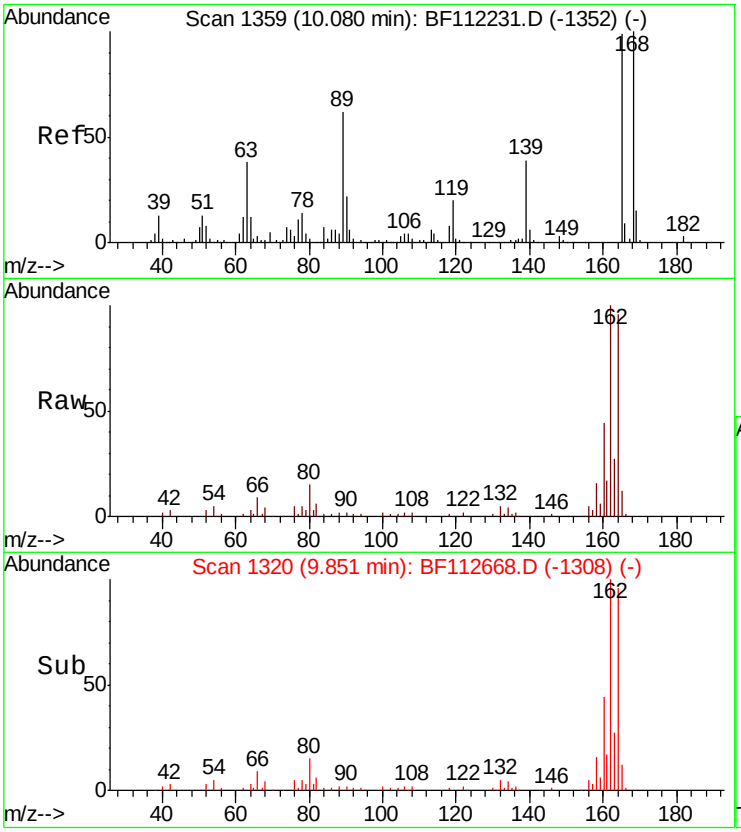


#51
2,6-Dinitrotoluene
Concen: 7.154 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.18 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:165 Resp: 13718

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	36.9	55.3#



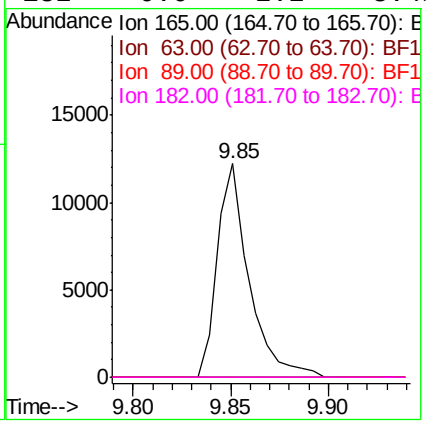


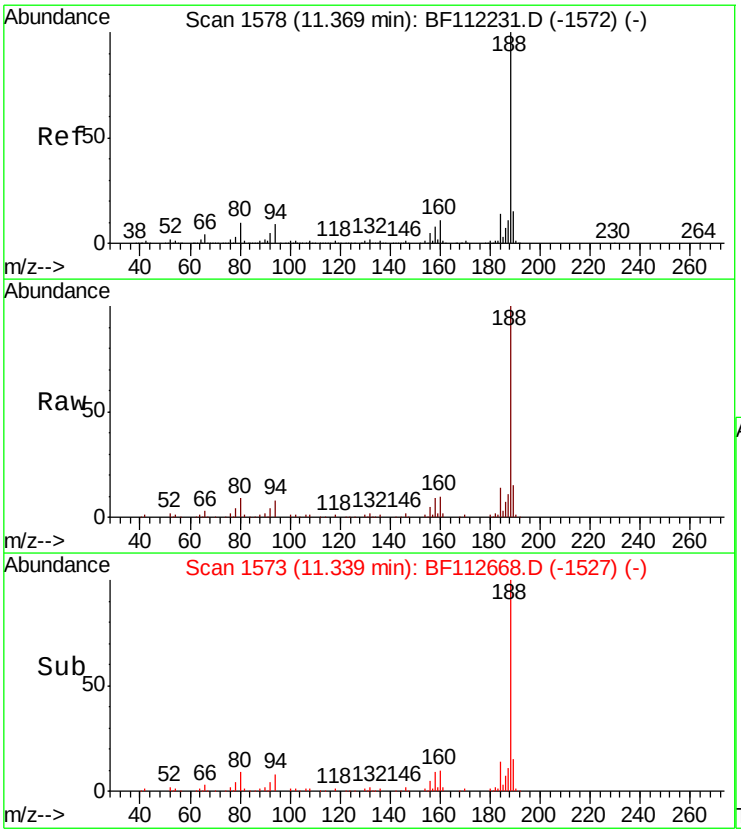
#57
2,4-Dinitrotoluene
Concen: 5.620 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion:165 Resp: 13718

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.9	41.9#
89	0.0	47.9	71.9#
182	0.0	2.2	3.4#

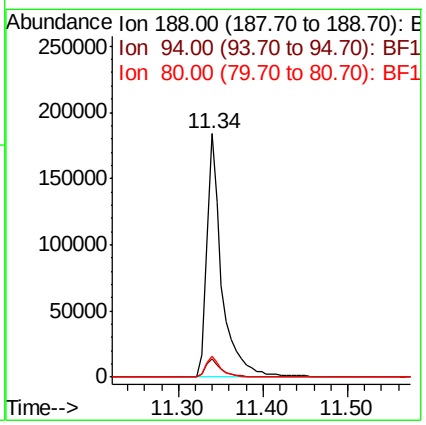


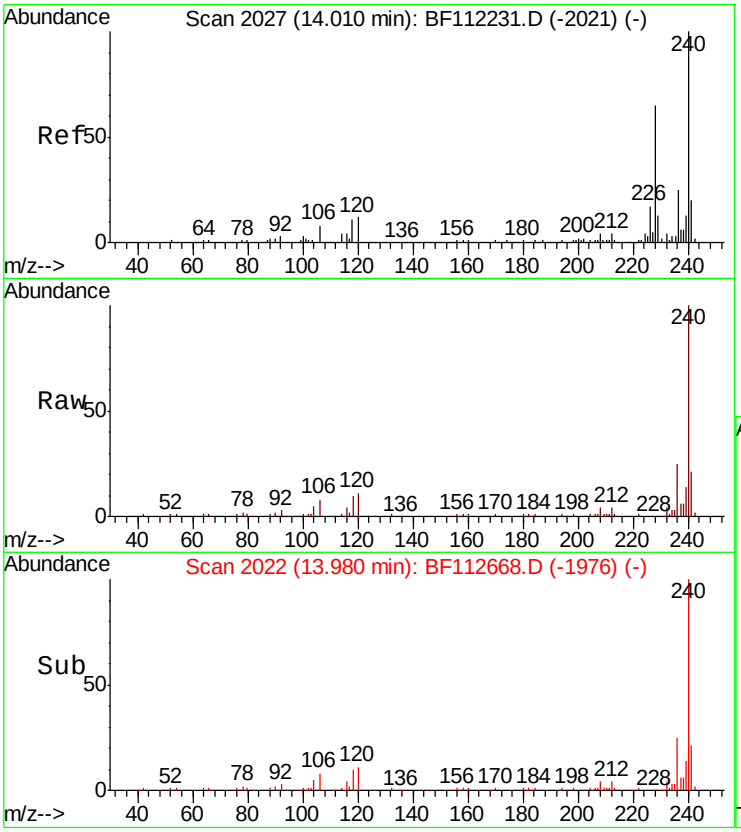


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:188 Resp: 229184

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.2	12.2#
80	8.6	8.9	13.3#



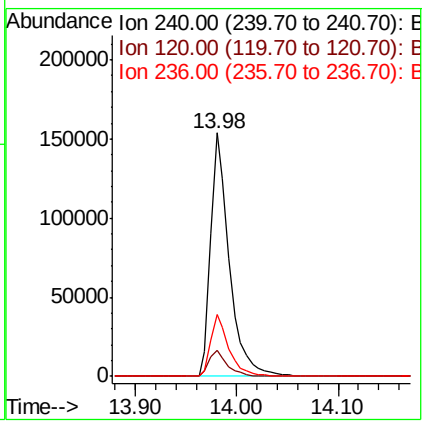


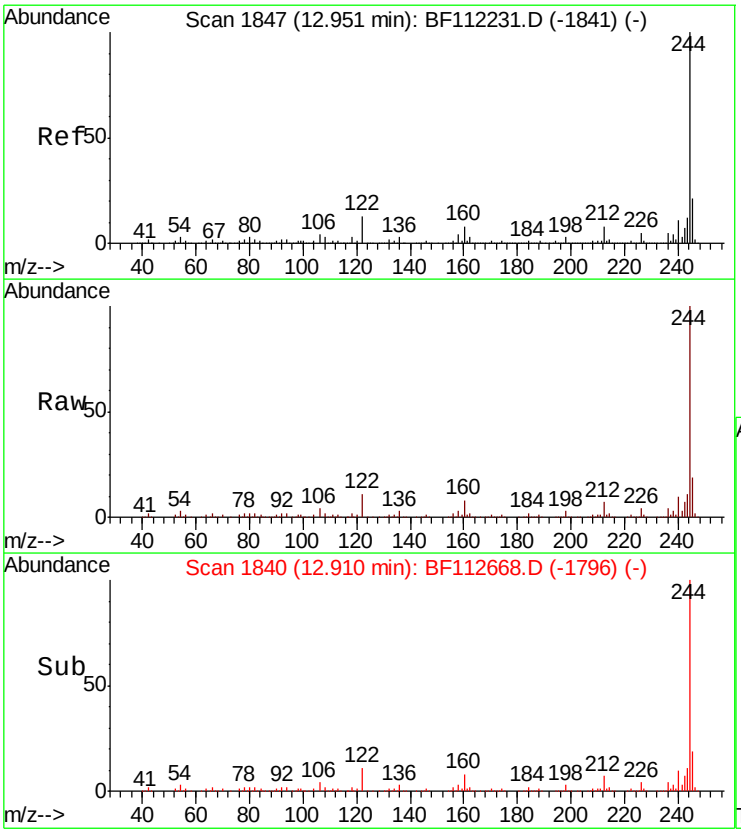
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion:240 Resp: 196071

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.6
236	25.4	20.7	31.1

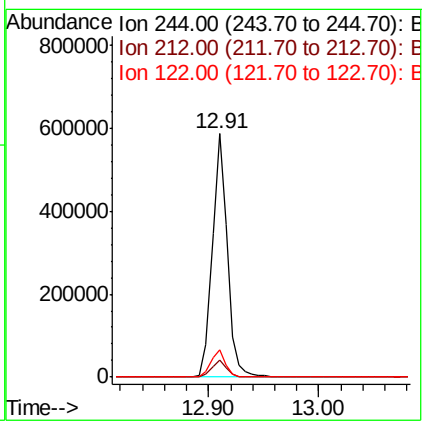


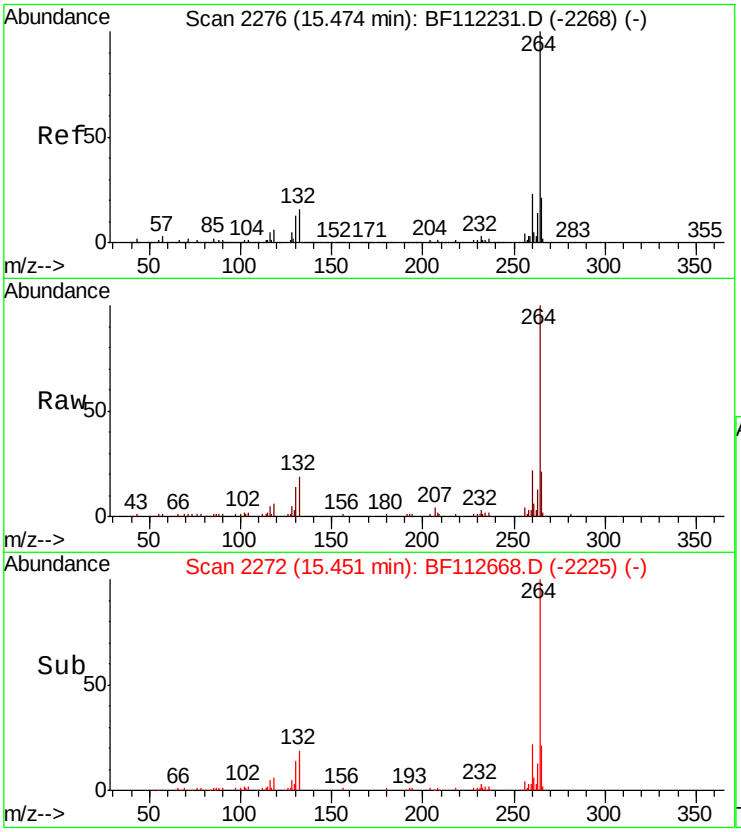


#79
Terphenyl-d14
Concen: 52.495 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:244 Resp: 546486

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.1	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion:264 Resp: 161714

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	20.5	17.0	25.4