Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083119\

Quantitation Report (Not Reviewed)

Data File : BF116734.D
Acq On : 1 Sep 2019 9:03
Operator : HP/JU
Sample : K4579-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-12-A1-A4-(0-3.5)

Quant Time: Sep 02 05:47:28 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	6.85	152	118273	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	471191	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	248874	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	421020	20.00	ng		-0.01
76) Chrysene-d12	13.99	240	282048	20.00	ng		-0.01
87) Perylene-d12	15.44	264	294015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	818193	112.07	ng		0.00
7) Phenol-d6	6.47	99	992952	103.58	ng		0.00
23) Nitrobenzene-d5	7.40	82	746449	90.44	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	248762	149.52	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1239409	84.01	ng		0.00
79) Terphenyl-d14	12.94	244	1375766	90.24	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	21928	3.472	ng		83
19) n-Nitroso-di-n-propylamine	7.40	70	99221	15.719	ng	#	72
25) Isophorone	7.40	82	746442	44.630	ng	#	66
50) Dimethylphthalate	9.59	163	53981	3.142	ng		99
51) 2,6-Dinitrotoluene	9.87	165	31116	9.492	ng	#	20
57) 2,4-Dinitrotoluene	9.87	165	31116	7.763	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.66	198	474	7.709	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	16215	3.791	ng	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083119\

Quantitation Report (Not Reviewed)

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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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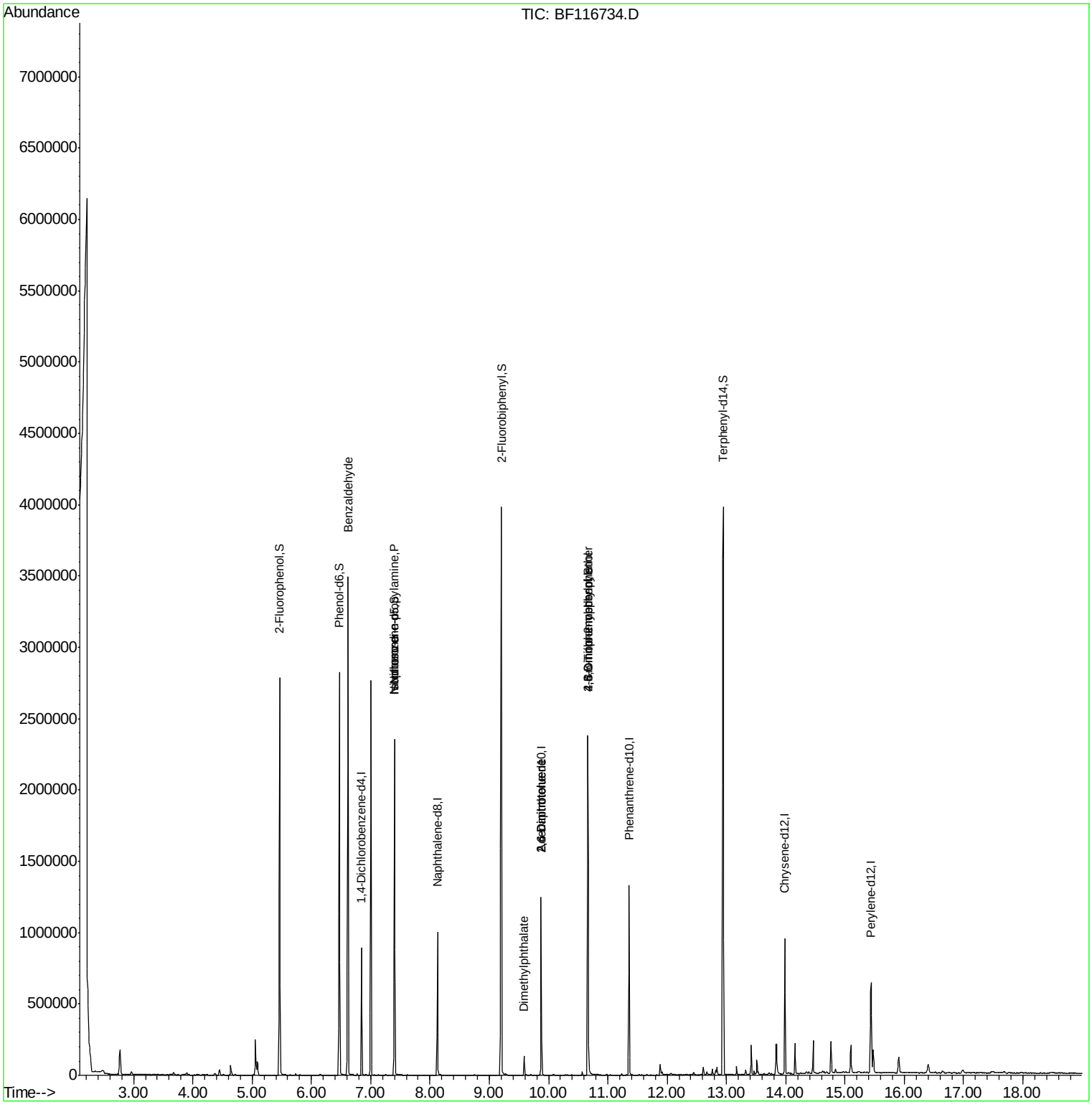
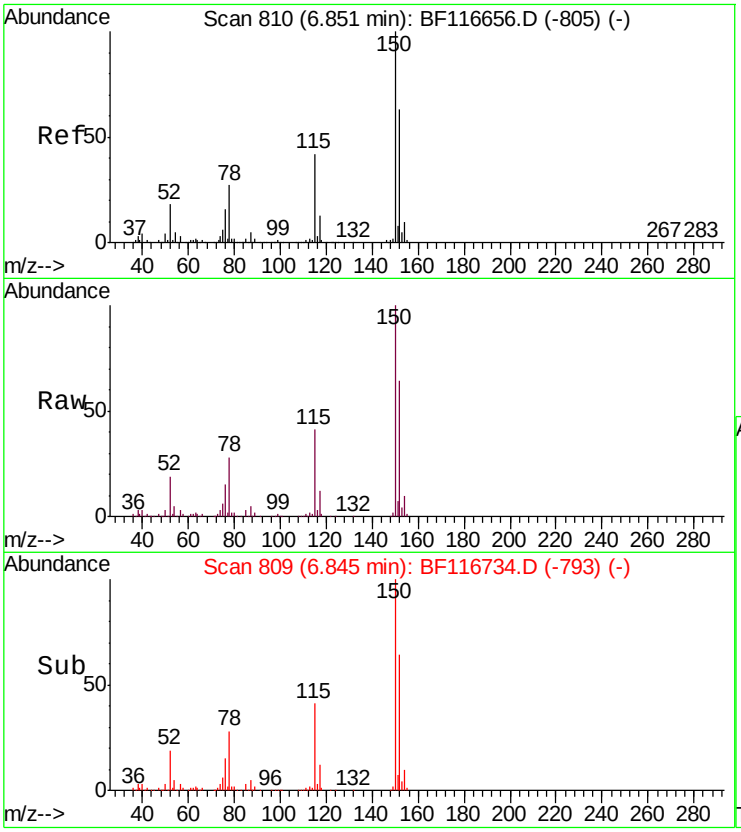


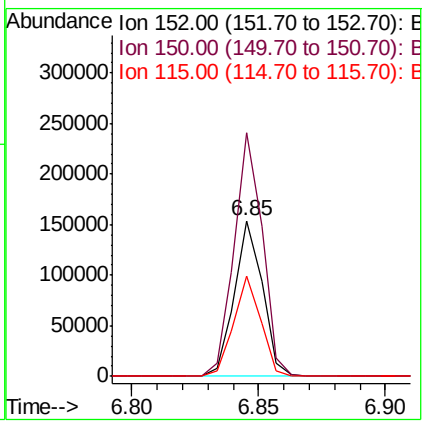


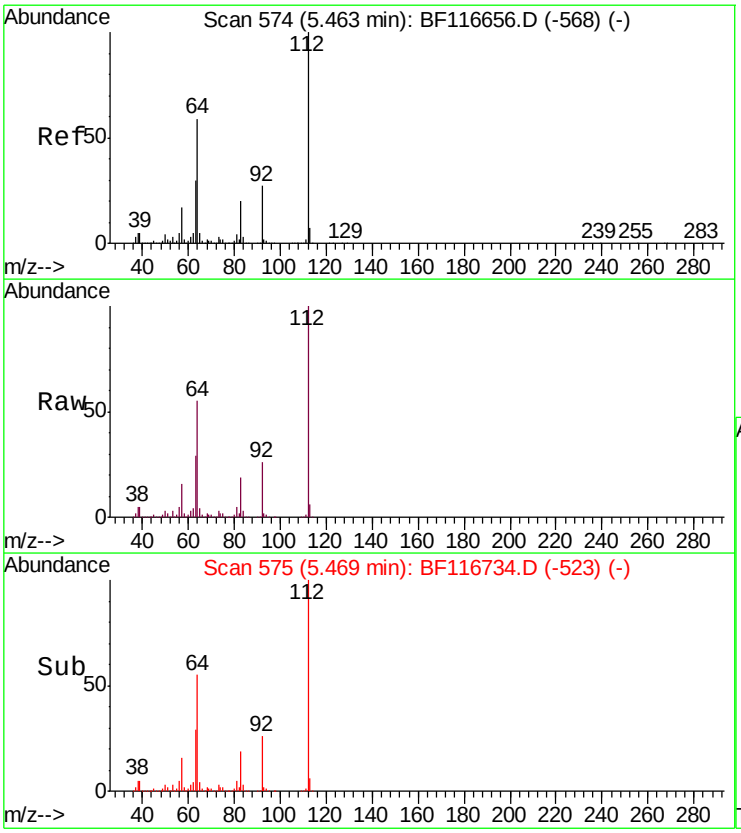
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion:152 Resp: 118273

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.4	186.6
115	64.7	49.9	74.9

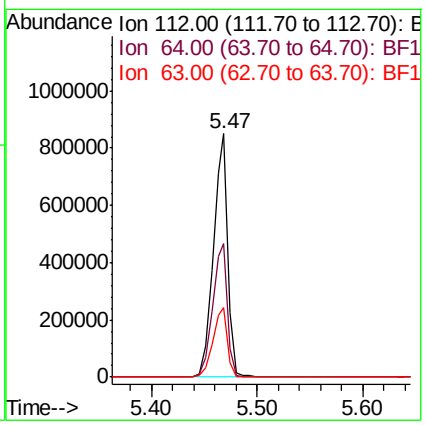


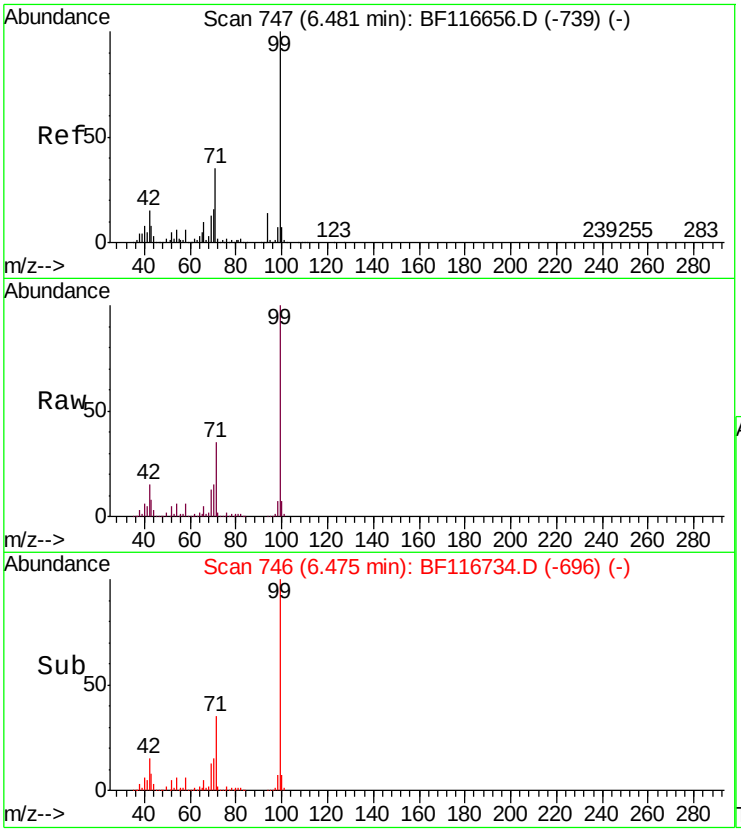


#5
2-Fluorophenol
Concen: 112.073 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:112 Resp: 818193

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.1	70.7
63	28.7	24.9	37.3



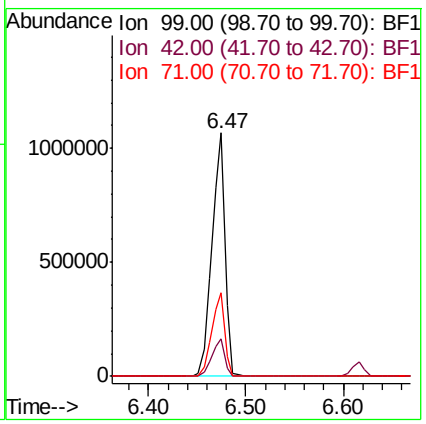


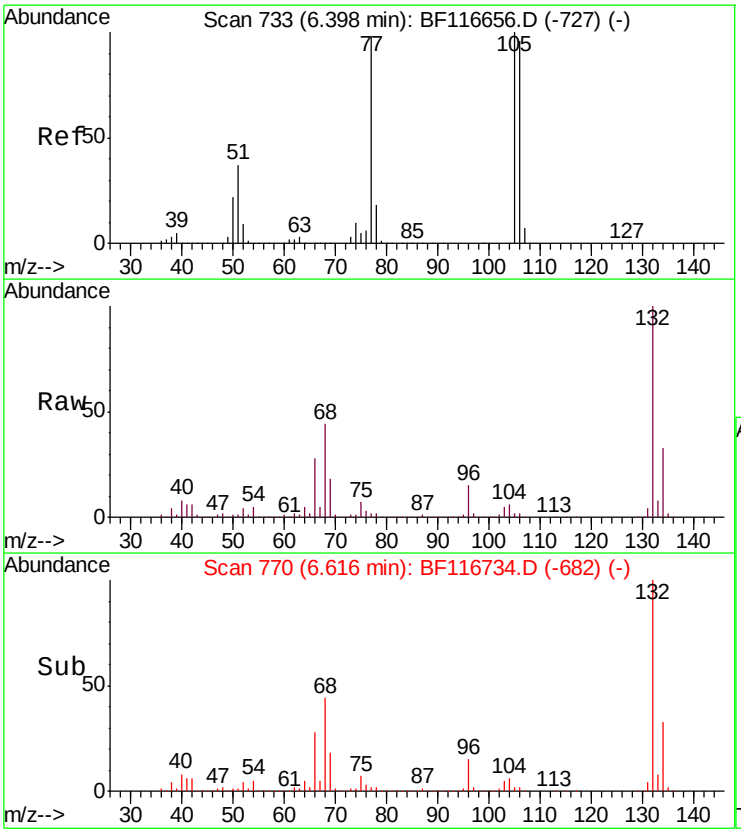
#7
Phenol-d6
Concen: 103.579 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion: 99 Resp: 992952

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.7	20.5
71	34.6	30.8	46.2

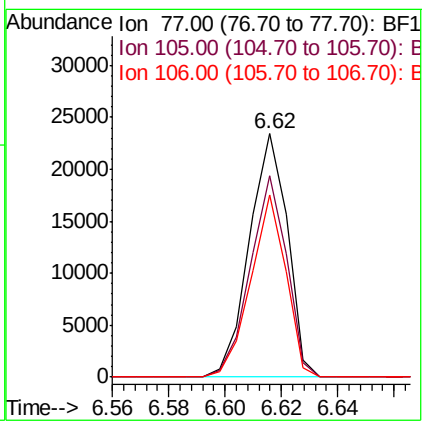


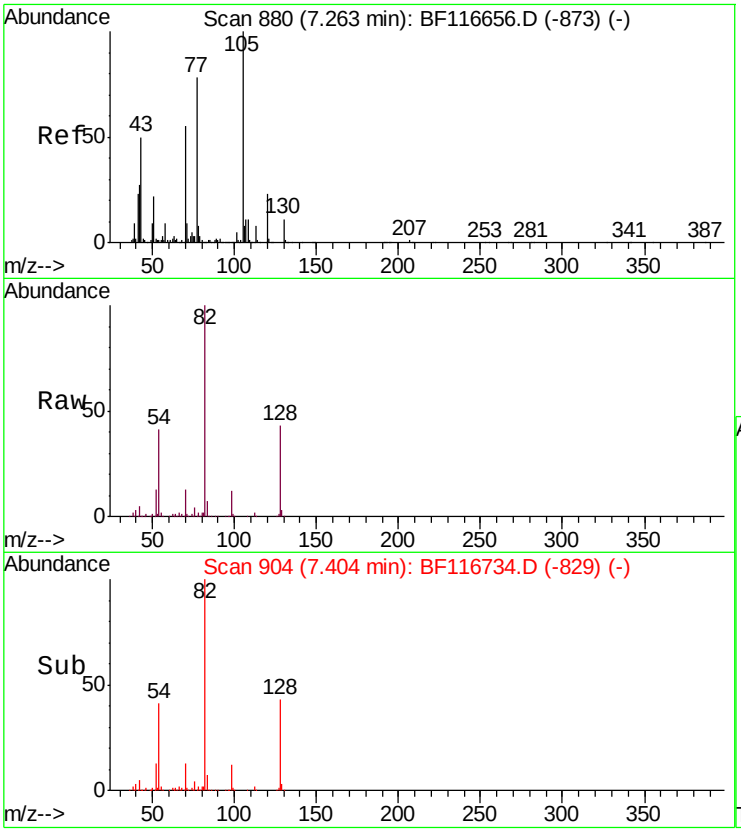


#9
Benzaldehyde
Concen: 3.472 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.22 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion: 77 Resp: 21928

Ion	Ratio	Lower	Upper
77	100		
105	83.0	76.7	116.7
106	74.7	73.1	113.1



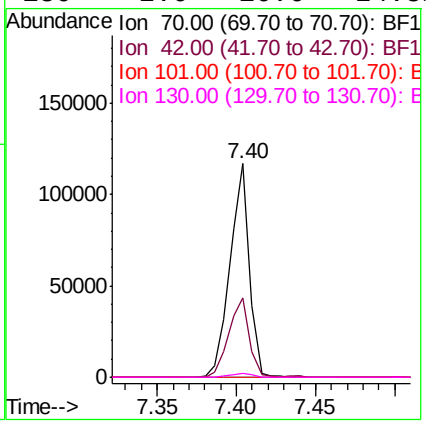


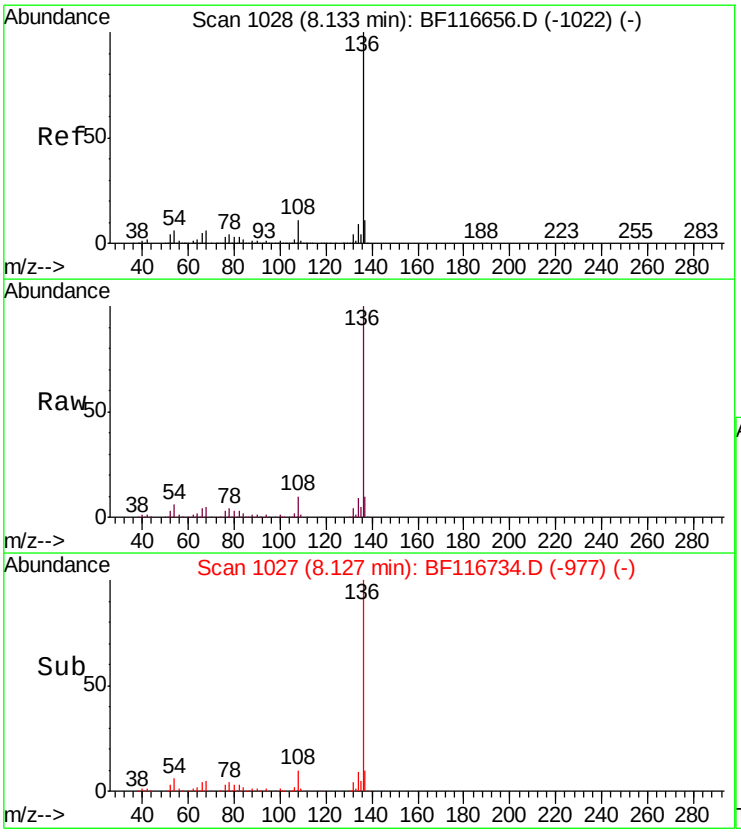
#19
n-Nitroso-di-n-propylamine
Concen: 15.719 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion: 70 Resp: 99221

Ion	Ratio	Lower	Upper
70	100		
42	37.4	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#

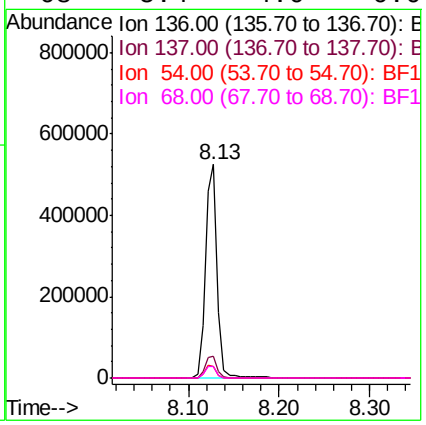


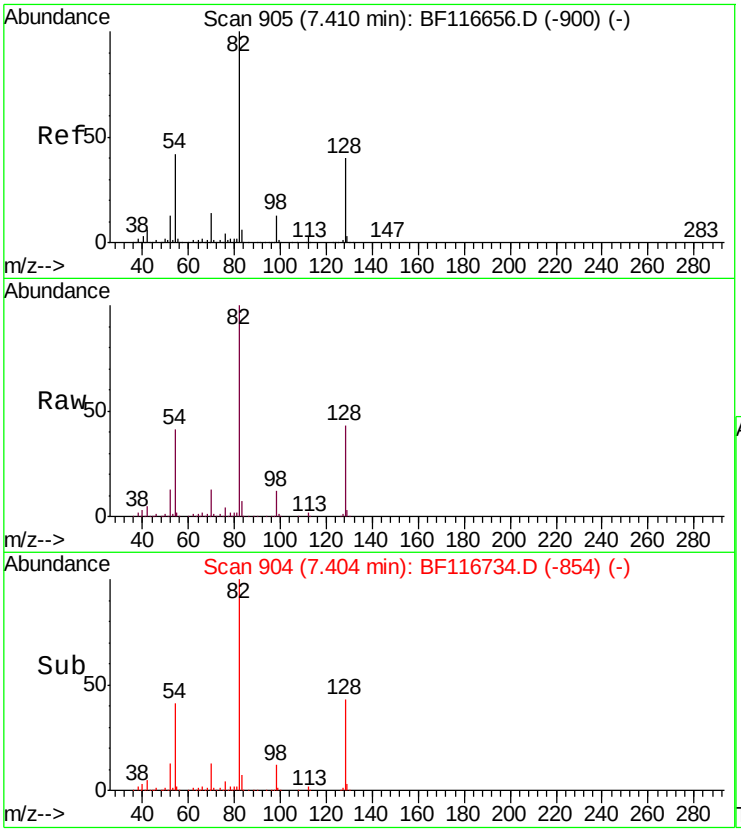


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:136 Resp: 471191

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.5	4.8	7.2
68	5.4	4.0	6.0



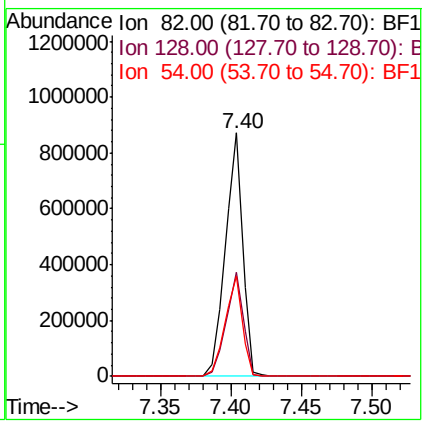


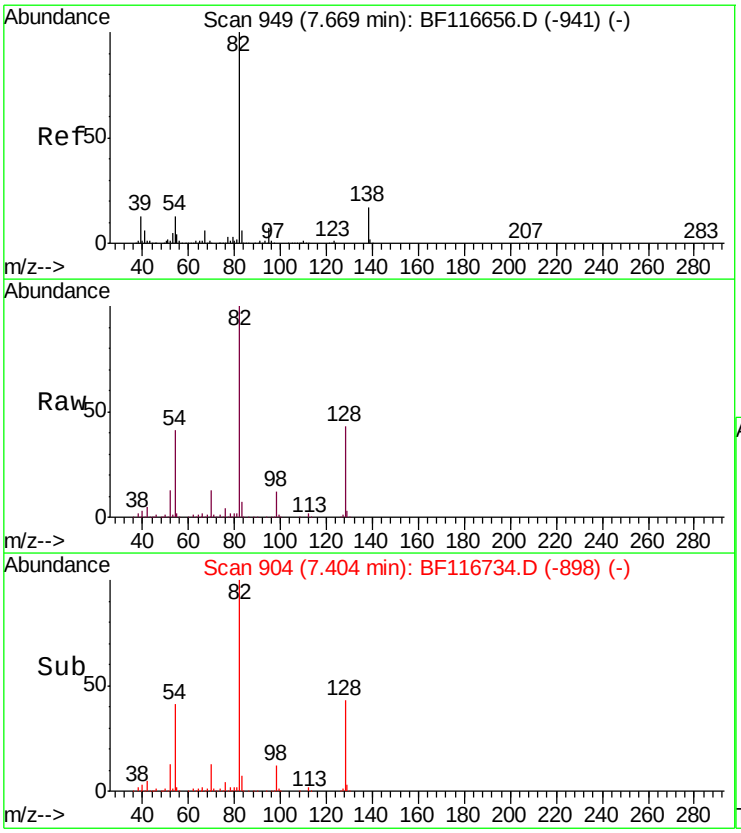
#23
Nitrobenzene-d5
Concen: 90.436 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion: 82 Resp: 746449

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.8	49.2
54	41.2	36.9	55.3

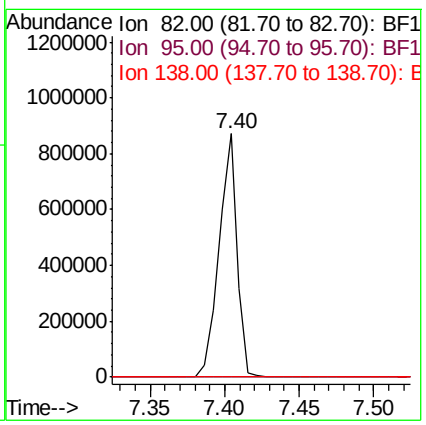


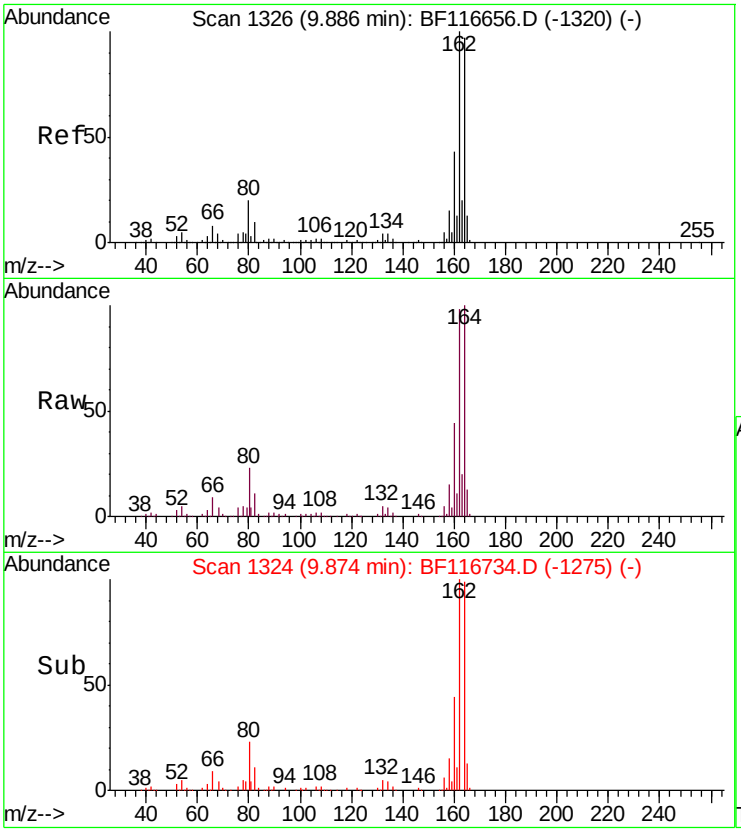


#25
Isophorone
Concen: 44.630 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion: 82 Resp: 746442

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



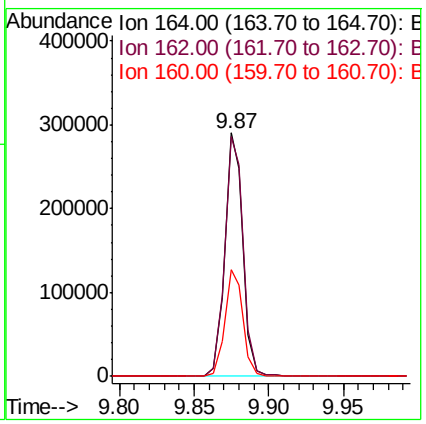


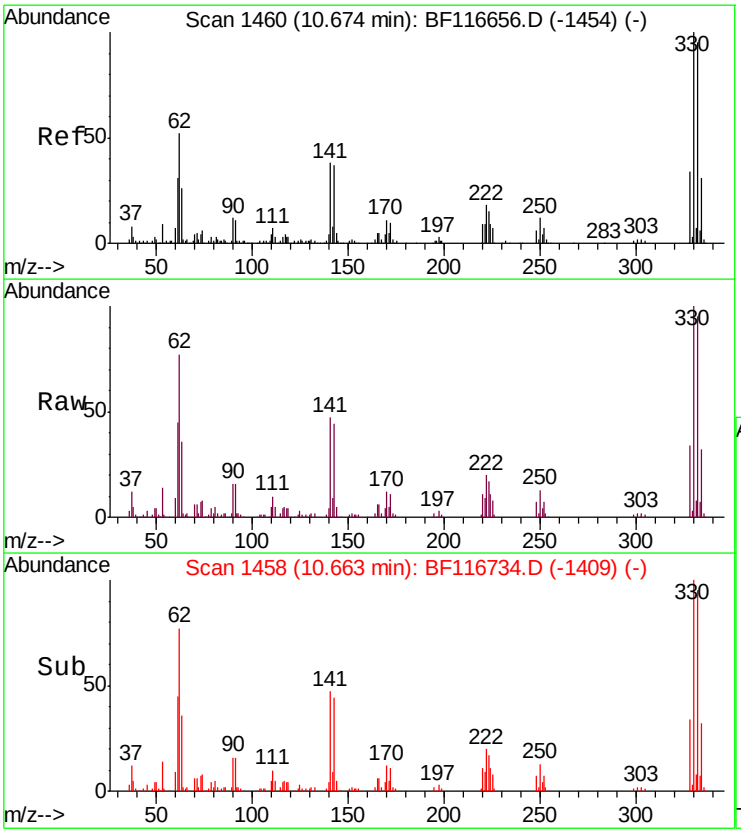
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion:164 Resp: 248874

Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.4	122.0
160	43.7	35.4	53.2

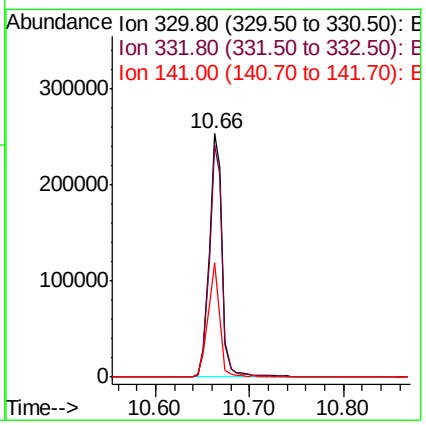


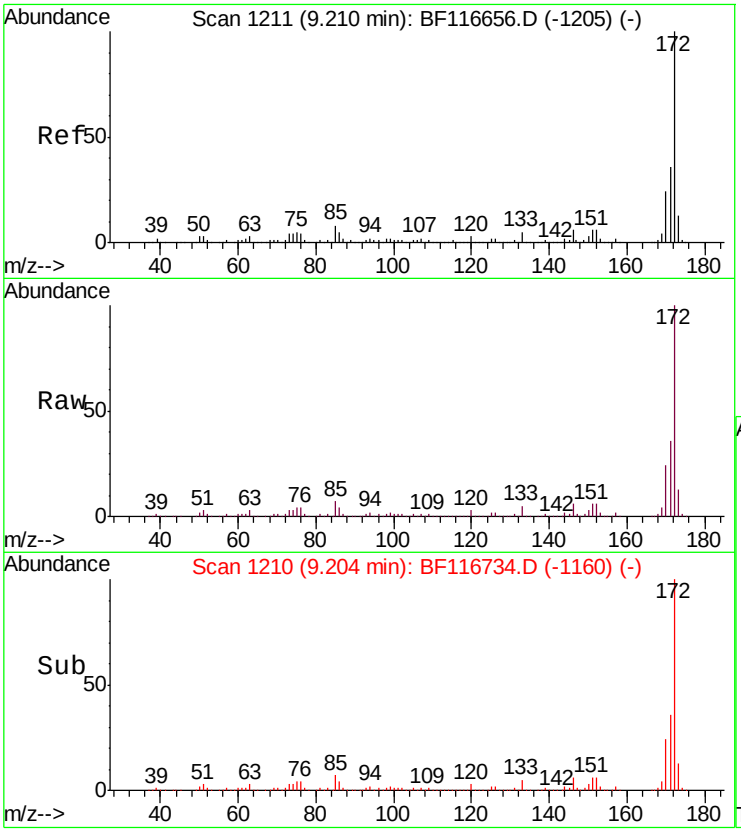


#42
2,4,6-Tribromophenol
Concen: 149.517 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:330 Resp: 248762

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	43.2	31.4	47.2



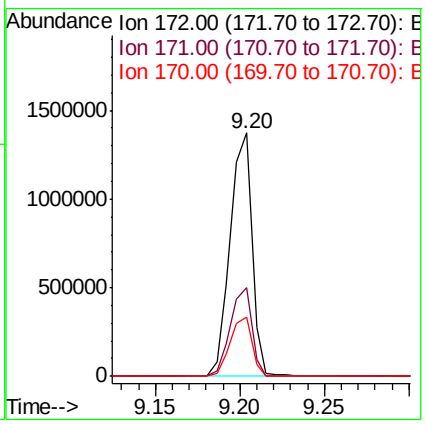


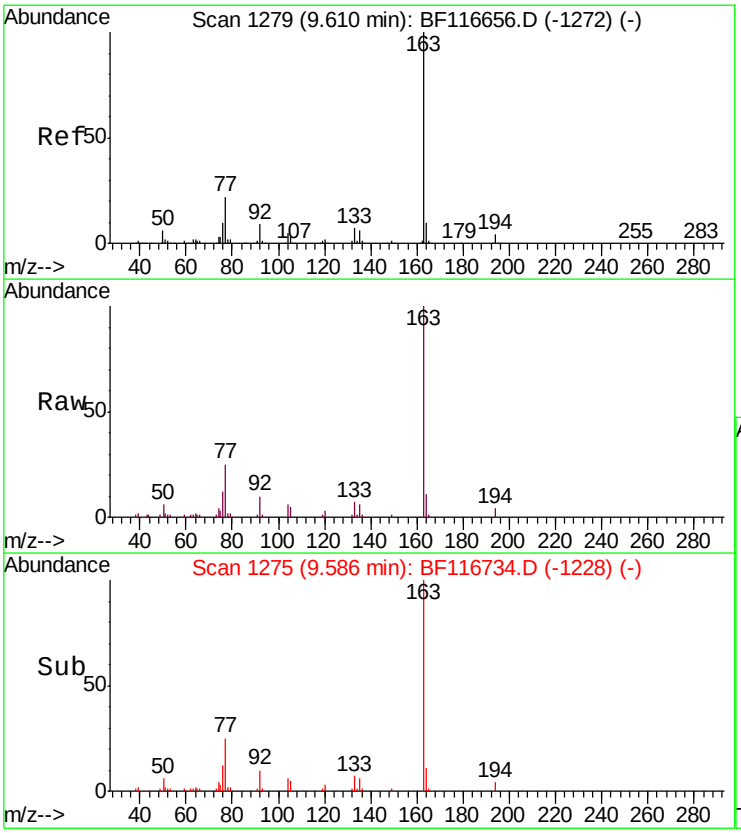
#45
2-Fluorobiphenyl
Concen: 84.008 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion:172 Resp: 1239409

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	24.3	18.9	28.3

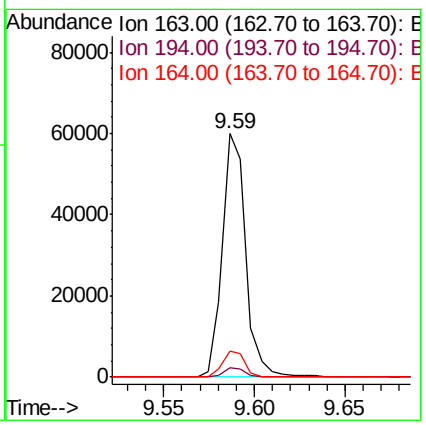


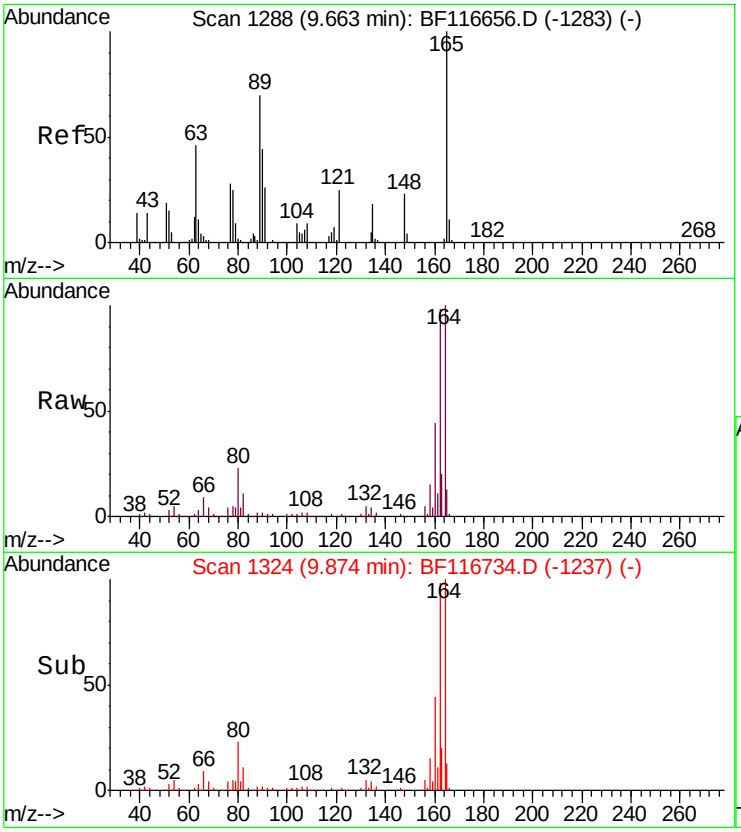


#50
Dimethylphthalate
Concen: 3.142 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:163 Resp: 53981

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.9	8.6	12.8



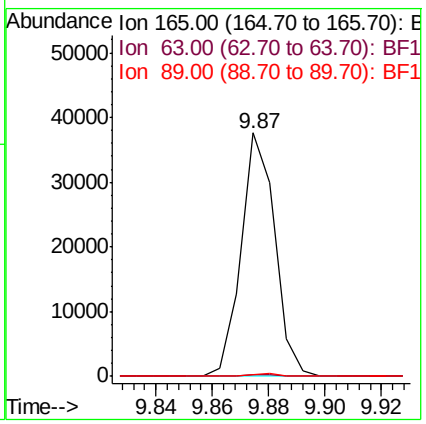


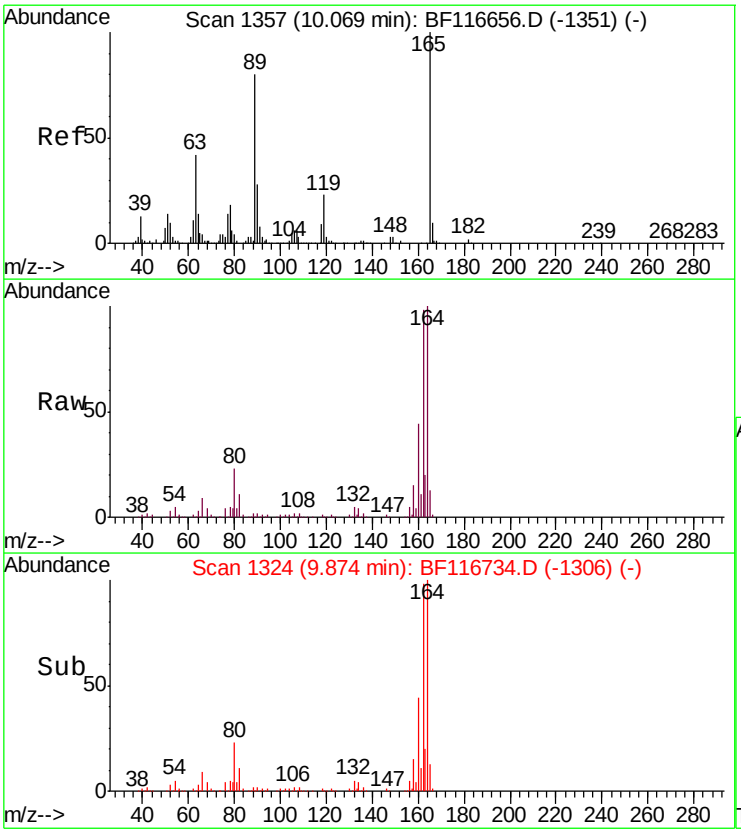
#51
2,6-Dinitrotoluene
Concen: 9.492 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion:165 Resp: 31116

Ion	Ratio	Lower	Upper
165	100		
63	0.8	47.3	70.9#
89	1.0	52.5	78.7#

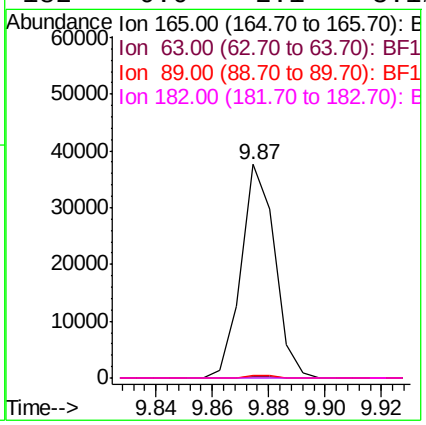


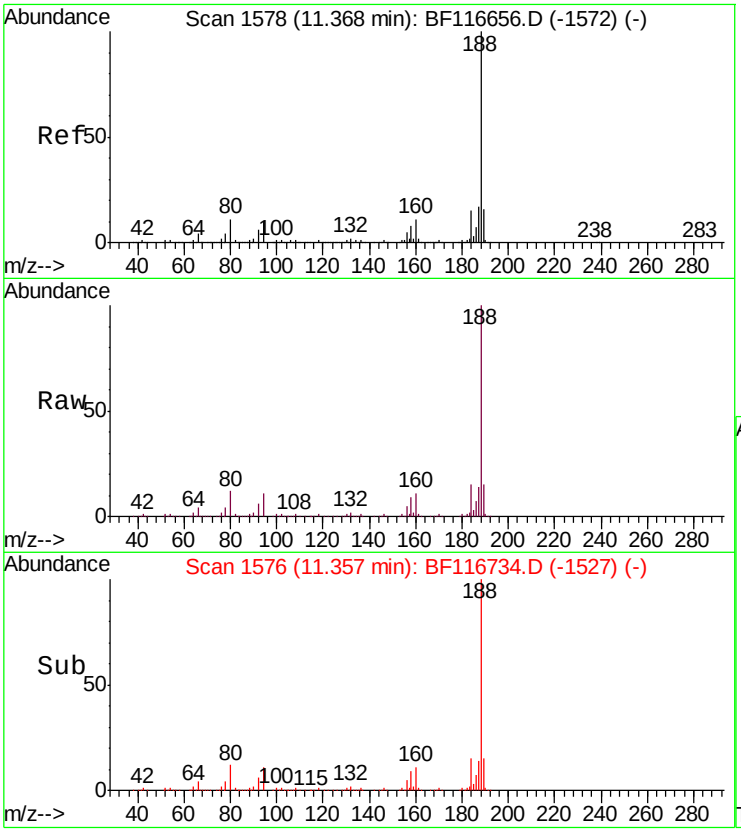


#57
2,4-Dinitrotoluene
Concen: 7.763 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:165 Resp: 31116

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.0	62.6	94.0#
182	0.0	2.1	3.1#



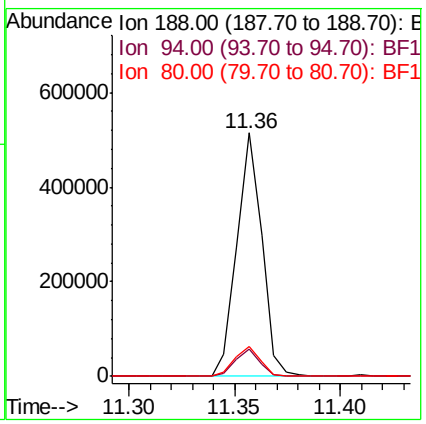


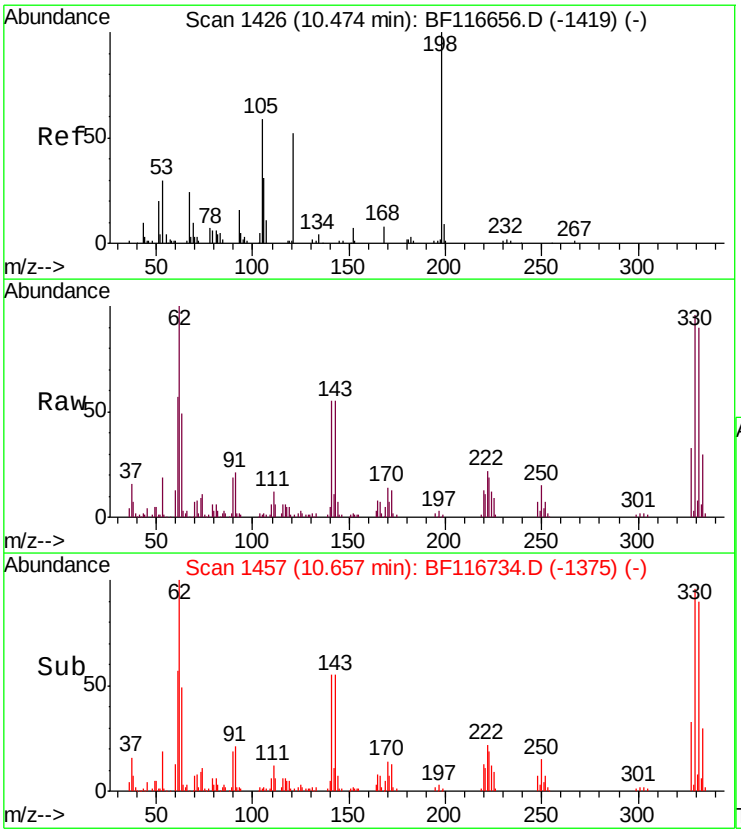
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion:188 Resp: 421020

Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.3	10.9#
80	12.2	8.4	12.6

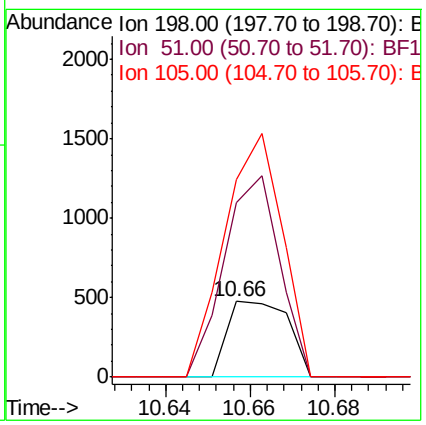


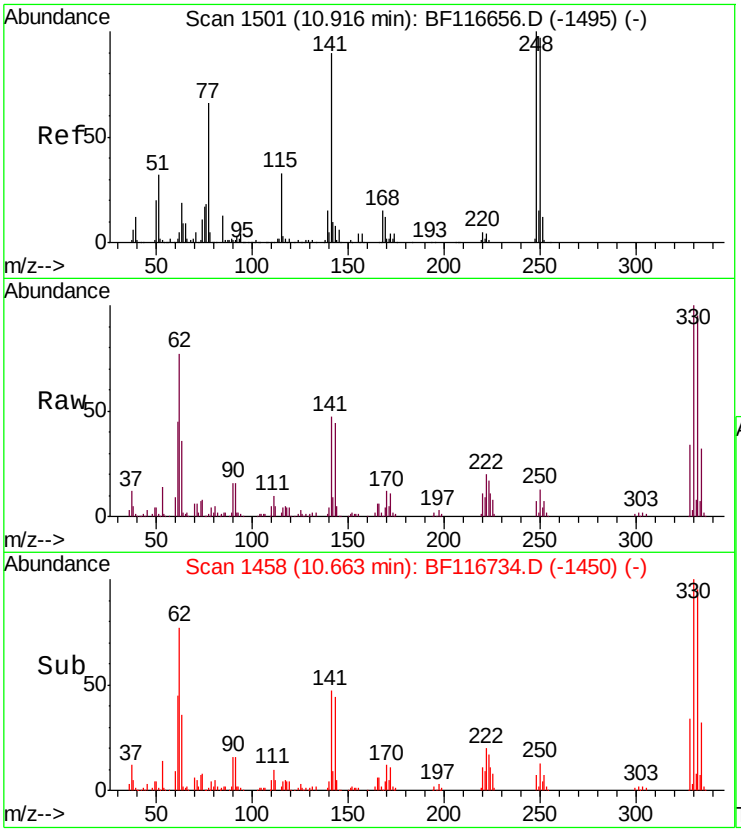


#65
4,6-Dinitro-2-methylphenol
Concen: 7.709 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.18 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:198 Resp: 474

Ion	Ratio	Lower	Upper
198	100		
51	231.1	18.4	58.4#
105	261.6	22.9	62.9#



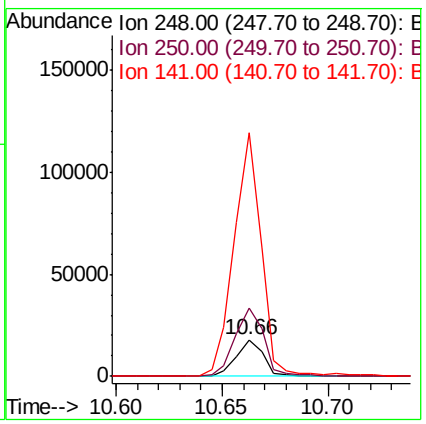


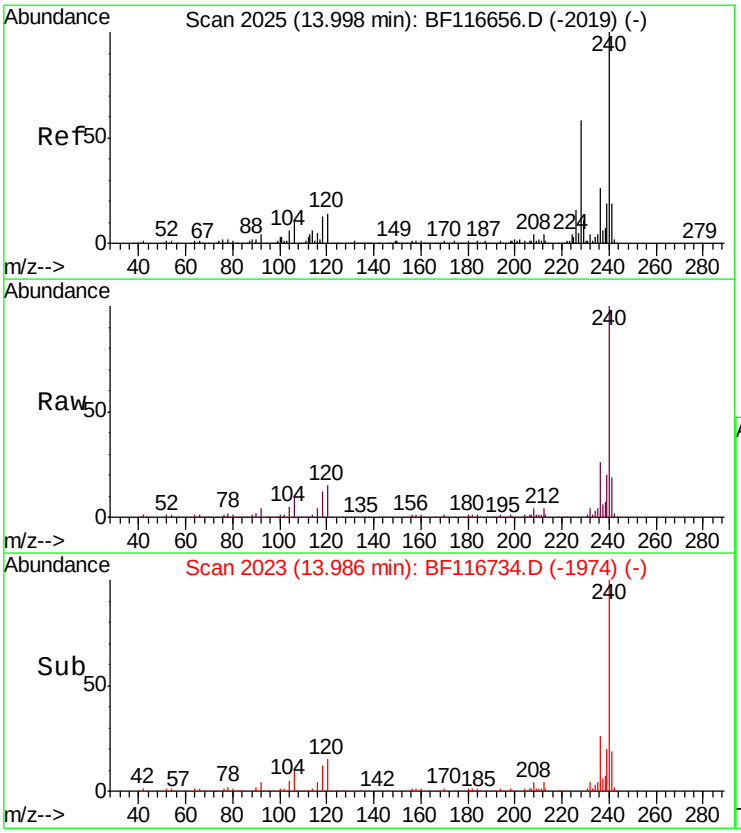
#67
4-Bromophenyl-phenylether
Concen: 3.791 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion:248 Resp: 16215

Ion	Ratio	Lower	Upper
248	100		
250	185.4	77.8	116.8#
141	665.9	75.9	113.9#

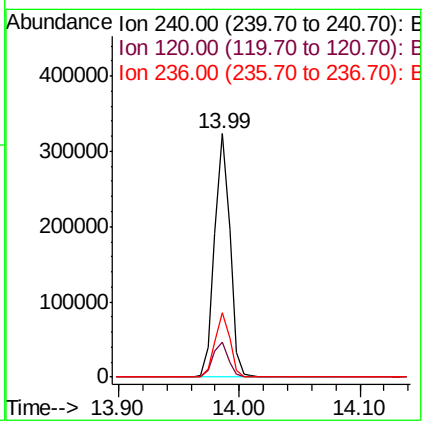


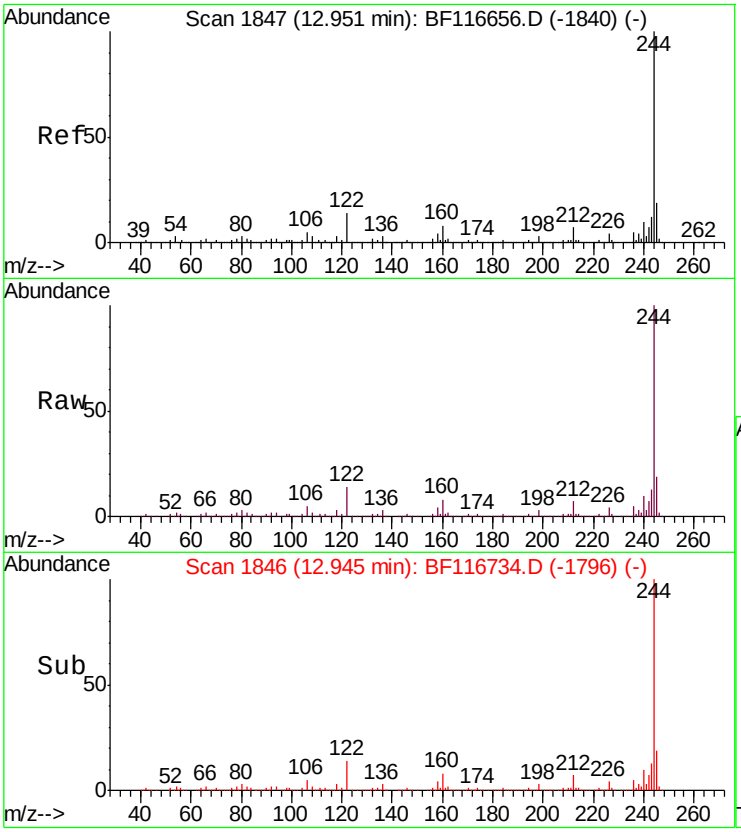


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:240 Resp: 282048

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.1	13.7#
236	26.4	21.1	31.7



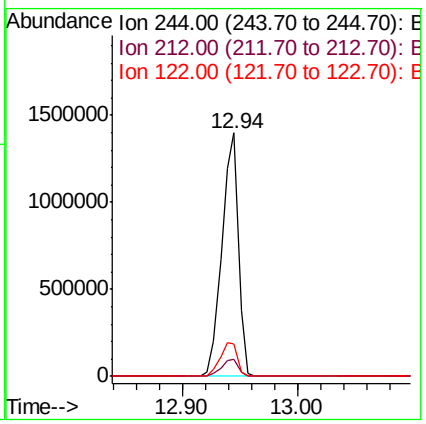


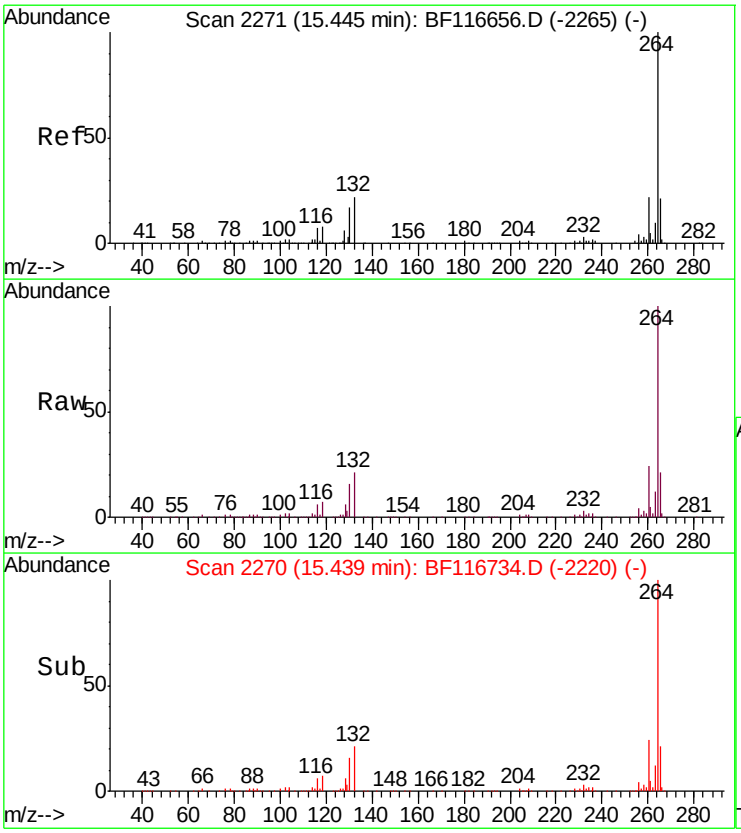
#79
Terphenyl-d14
Concen: 90.236 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116734.D
Acq: 1 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PAR-12-A1-A4-(0-3.5)

Tgt Ion:244 Resp: 1375766

Ion	Ratio	Lower	Upper
244	100		
212	7.0	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: BF116734.D
Acq: 1 Sep 2019 9:03

Tgt Ion:264 Resp: 294015

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.5	16.5	24.7