Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115405.D
Acq On : 8 Jul 2019 15:01
Operator : HP/JU
Sample : PB121130BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 08 16:55:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	215834	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	857344	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	429805	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	840561	20.00	ng	0.00
76) Chrysene-d12	14.06	240	604848	20.00	ng	-0.01
87) Perylene-d12	15.56	264	543523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1543437	110.49	ng	0.02
7) Phenol-d6	6.53	99	1999757	112.56	ng	0.00
23) Nitrobenzene-d5	7.46	82	1283472	88.45	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	573301	120.64	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2209034	90.19	ng	0.00
79) Terphenyl-d14	13.00	244	2527486	85.56	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.53	77	2972	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.46	70	174370	14.507	ng	# 77
25) Isophorone	7.46	82	1272671	40.463	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	55506	7.933	ng	# 23
57) 2,4-Dinitrotoluene	9.93	165	55506	6.243	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	1088	8.044	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	34583	3.667	ng	# 1

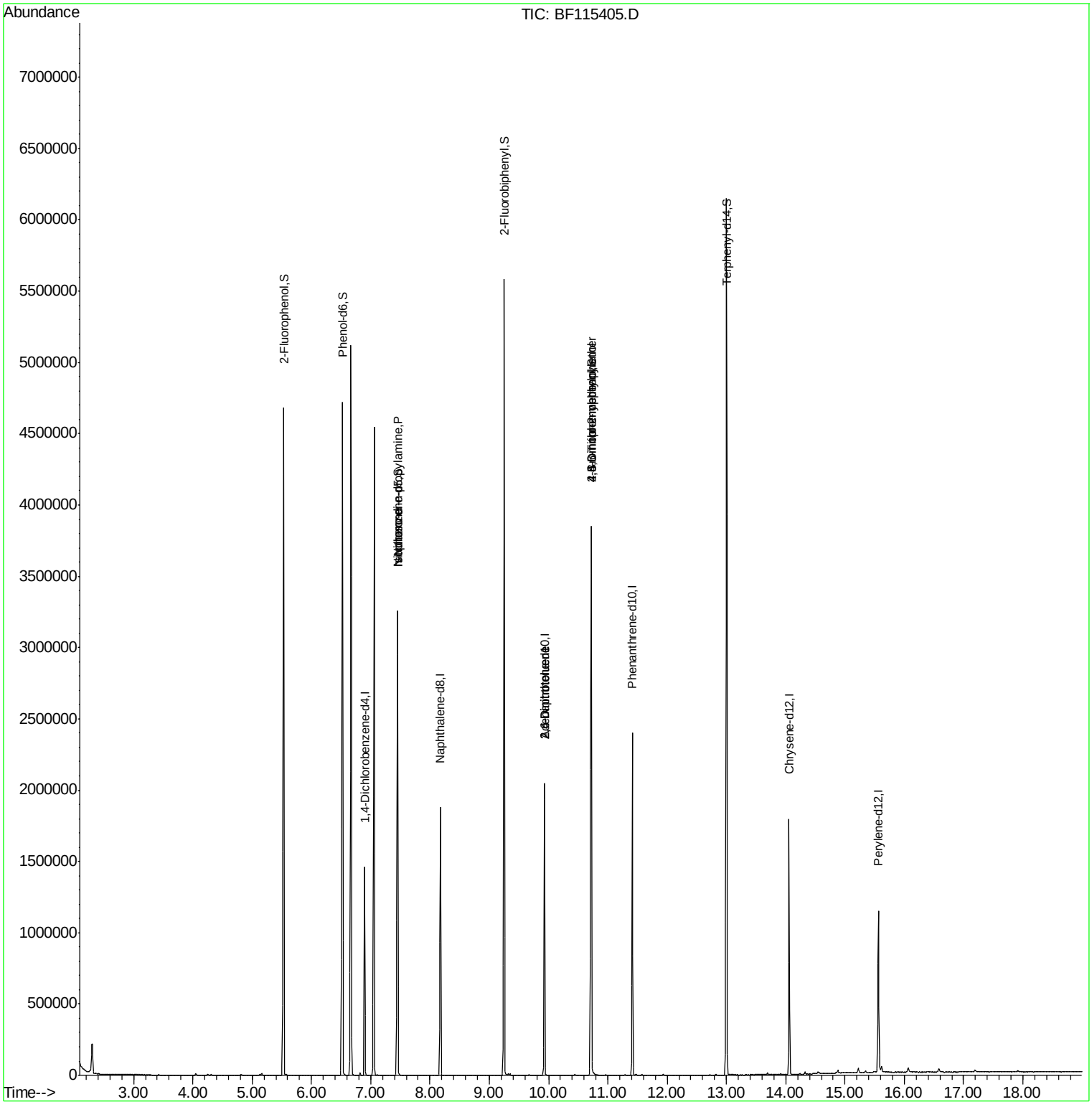
(#) = qualifier out of range (m) = manual integration (+) = signals summed

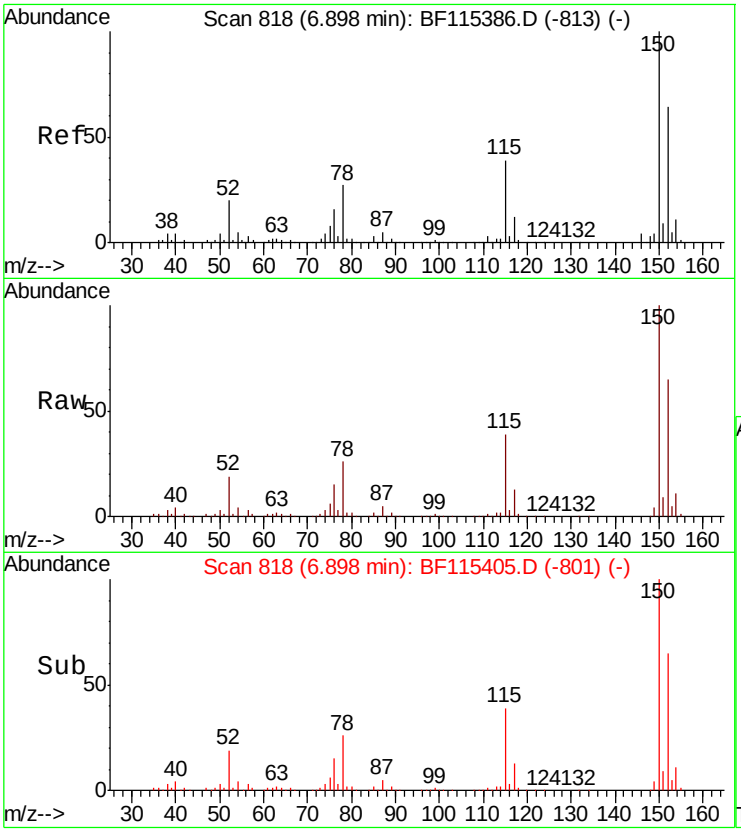
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115405.D
Acq On : 8 Jul 2019 15:01
Operator : HP/JU
Sample : PB121130BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 08 16:55:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration



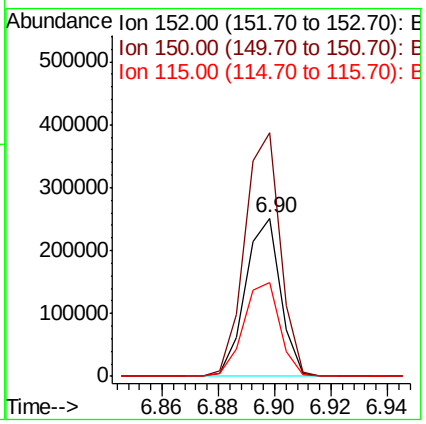


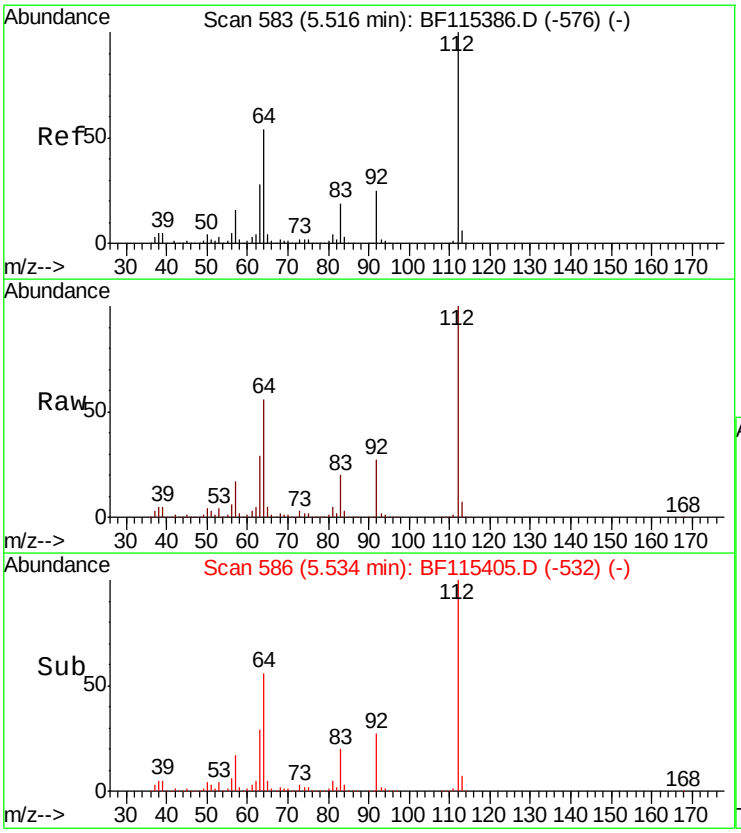
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 215834

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.7	187.1
115	59.7	48.1	72.1

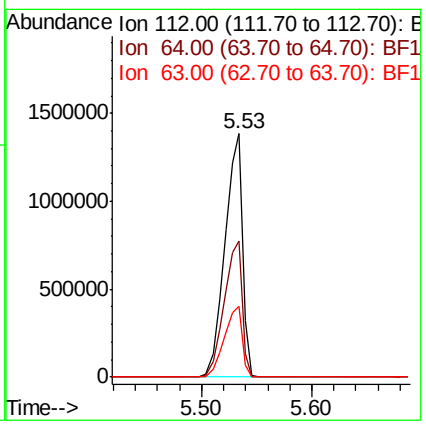


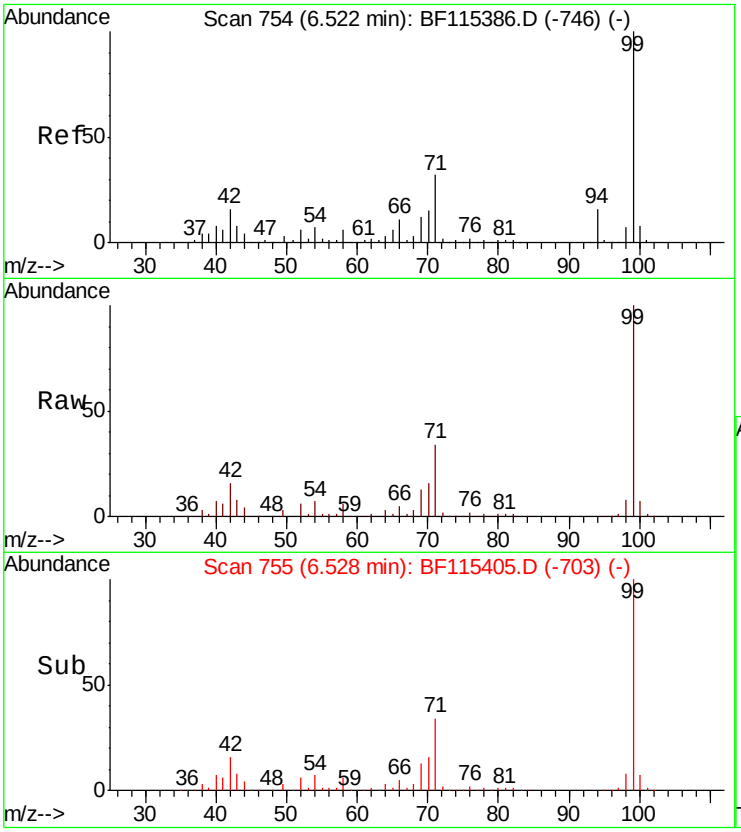


#5
2-Fluorophenol
Concen: 110.486 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:112 Resp: 1543437

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.0	64.6
63	29.2	22.2	33.2



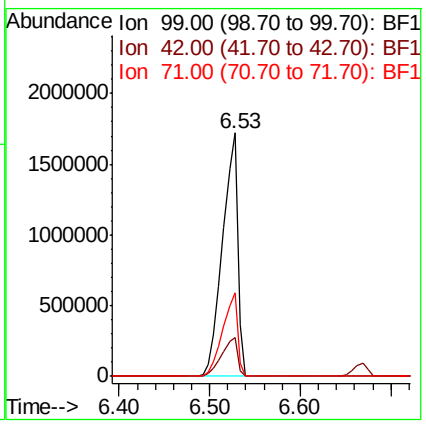


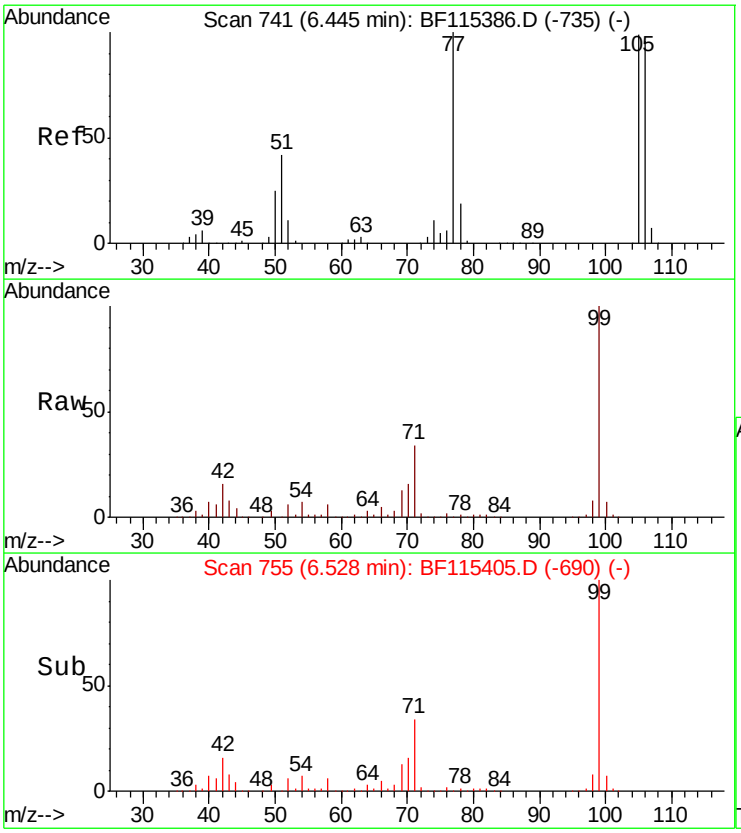
#7
Phenol-d6
Concen: 112.558 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1999757

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.1	19.7
71	34.4	25.9	38.9

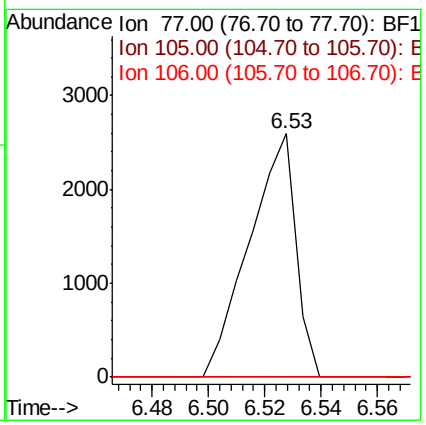


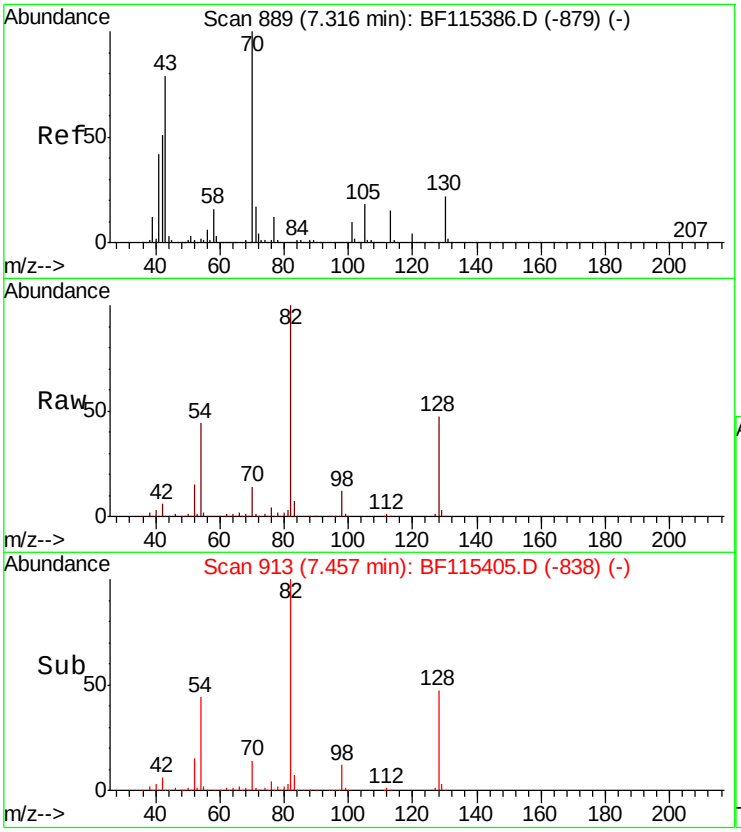


#9
Benzaldehyde
Concen: Below Cal
RT: 6.53 min Scan# 755
Delta R.T. 0.08 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion: 77 Resp: 2972

Ion	Ratio	Lower	Upper
77	100		
105	0.0	79.0	119.0#
106	0.0	75.7	115.7#



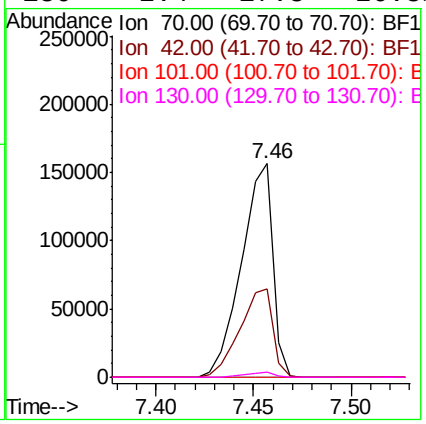


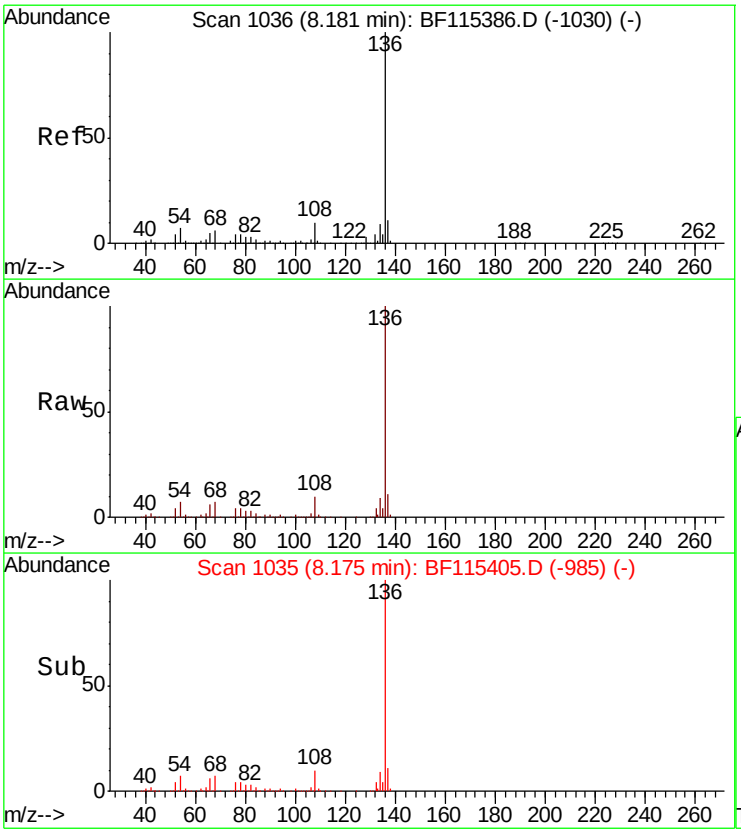
#19
n-Nitroso-di-n-propylamine
Concen: 14.507 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 70 Resp: 174370

Ion	Ratio	Lower	Upper
70	100		
42	41.5	41.1	61.7
101	0.0	8.0	12.0#
130	2.4	17.8	26.8#

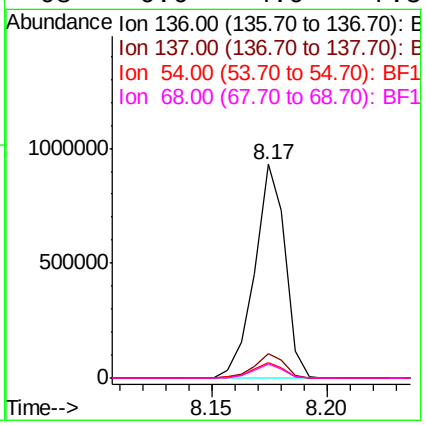


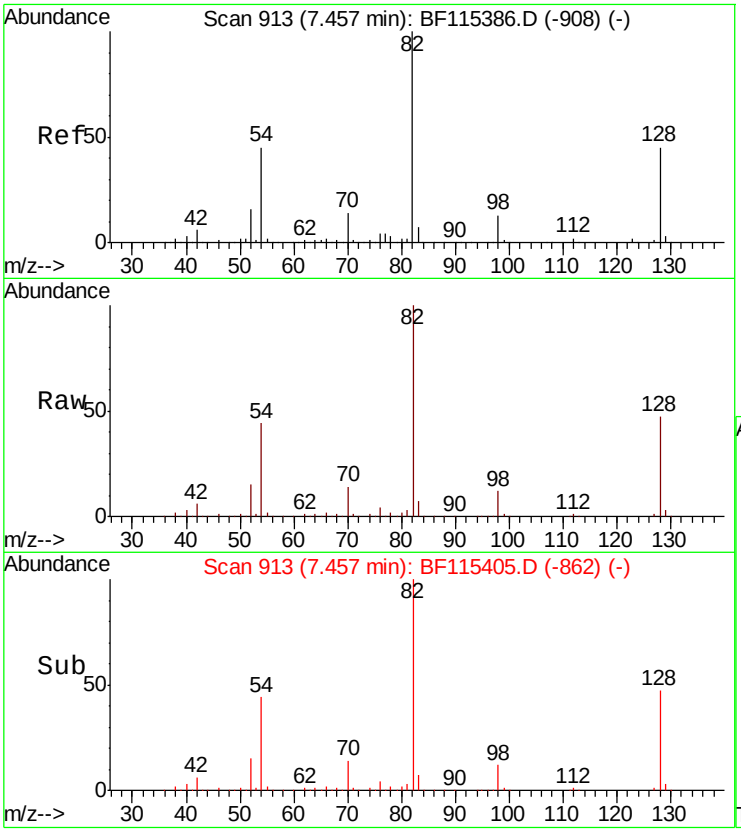


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:136 Resp: 857344

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	5.6	8.4
68	6.6	4.9	7.3



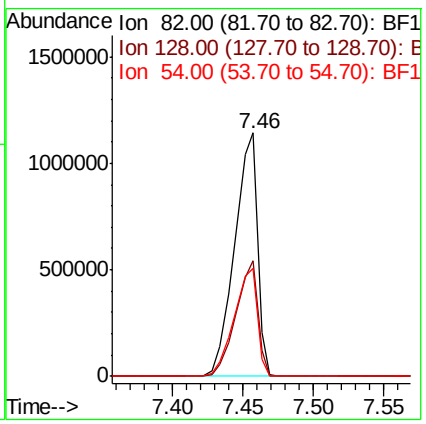


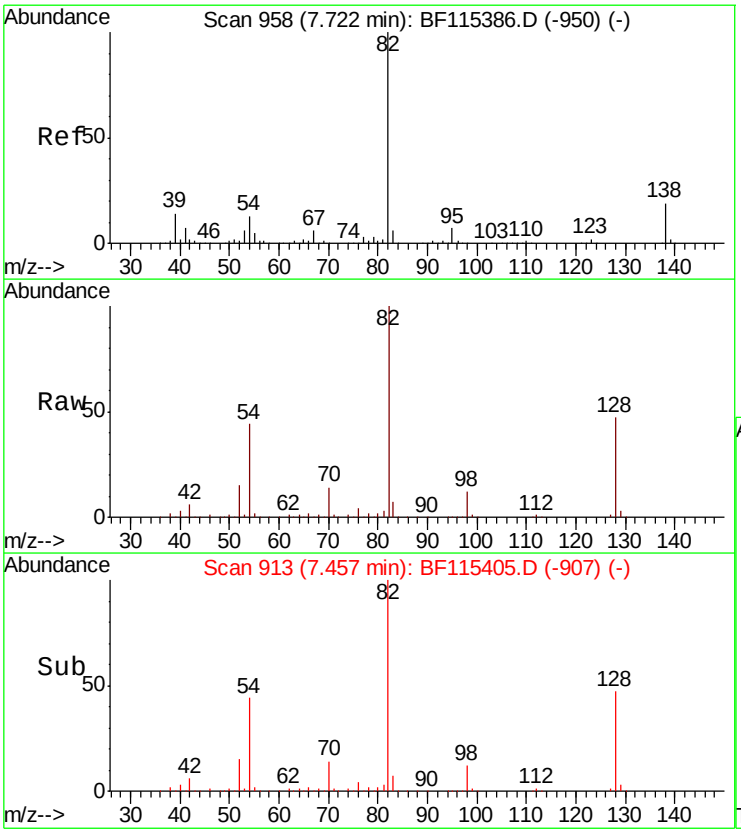
#23
Nitrobenzene-d5
Concen: 88.450 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1283472

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.7	53.5
54	44.1	36.3	54.5

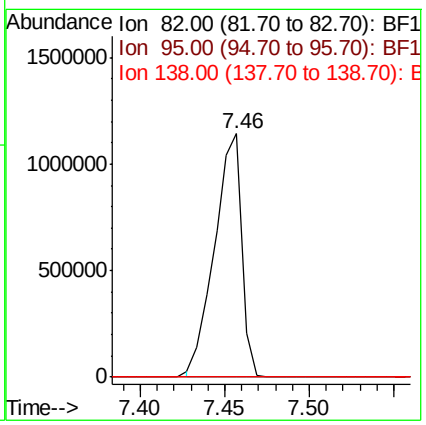


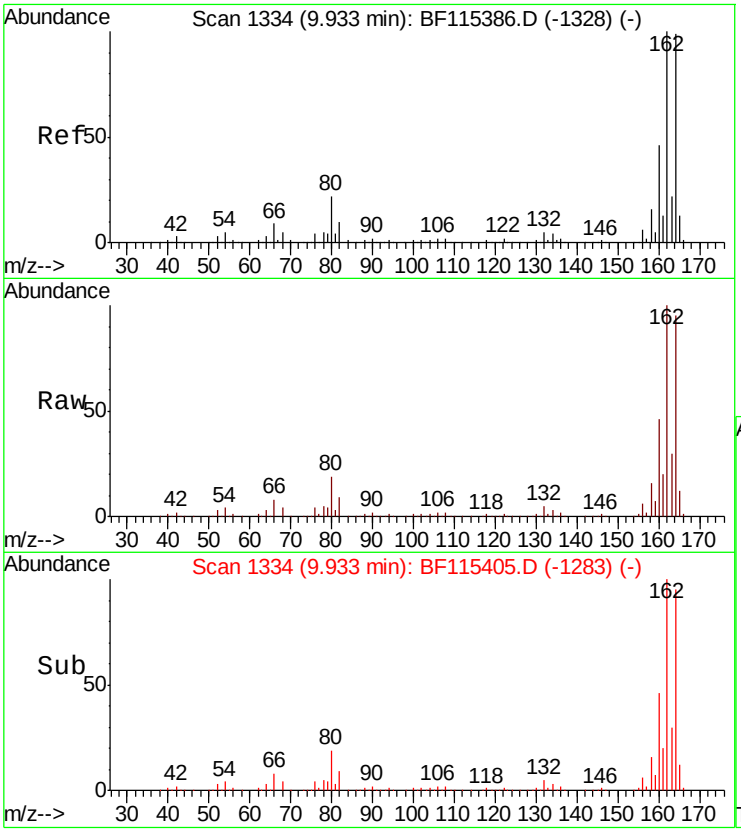


#25
Isophorone
Concen: 40.463 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion: 82 Resp: 1272671

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.9	22.3#



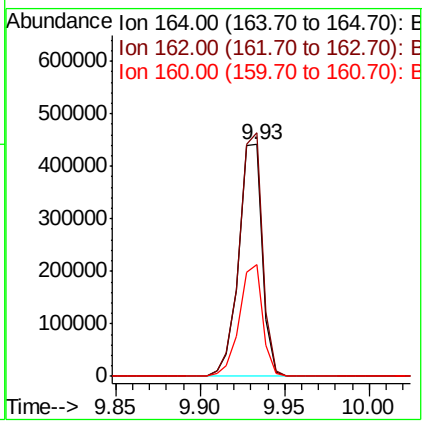


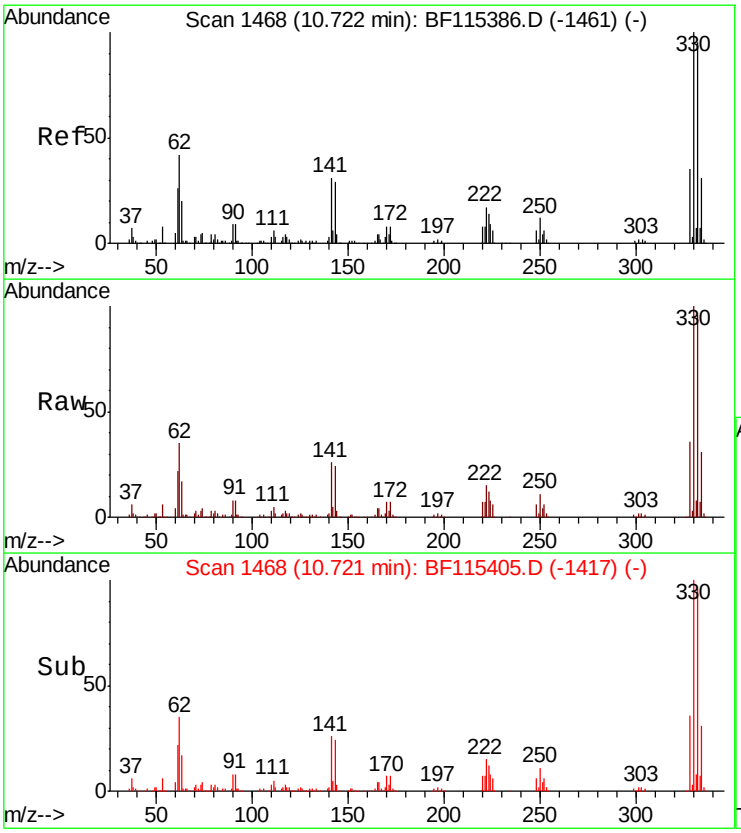
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 429805

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.6	121.0
160	48.3	37.0	55.6

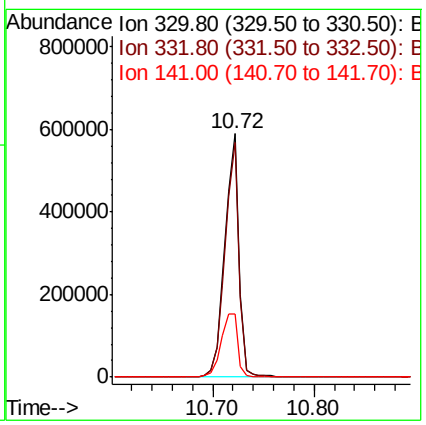


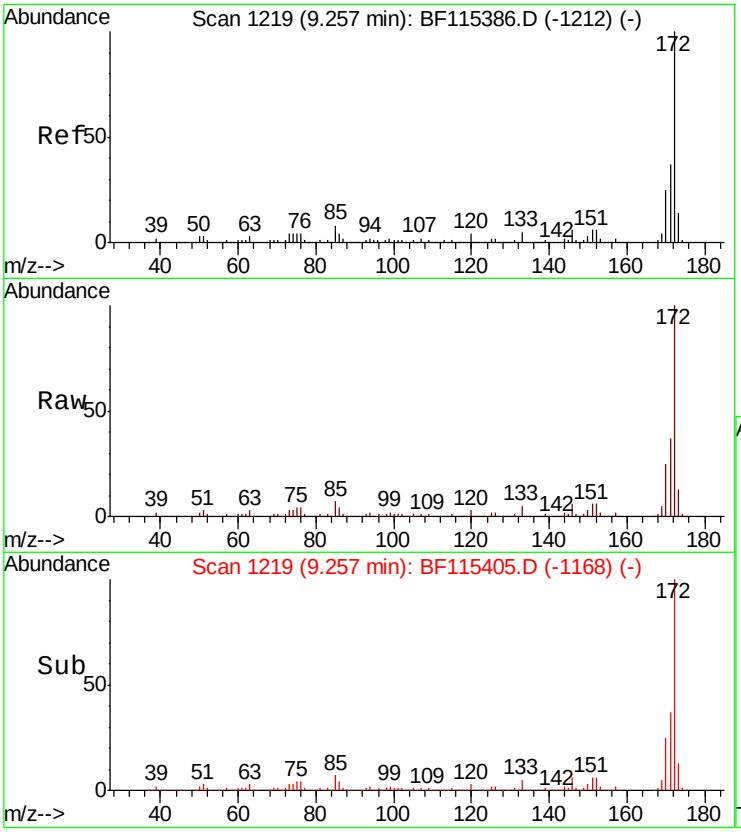


#42
2,4,6-Tribromophenol
Concen: 120.639 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:330 Resp: 573301

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.3	114.5
141	30.7	27.0	40.4



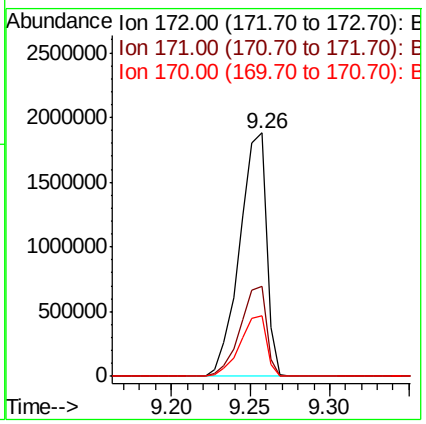


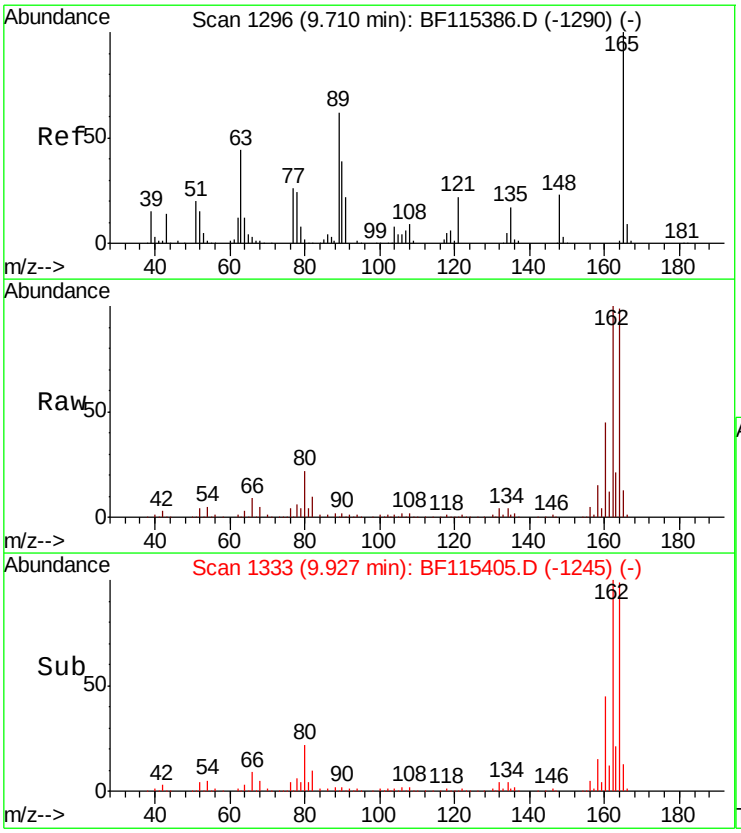
#45
2-Fluorobiphenyl
Concen: 90.187 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2209034

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	24.9	20.2	30.4

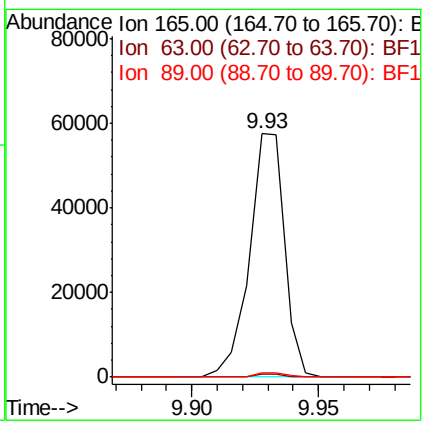


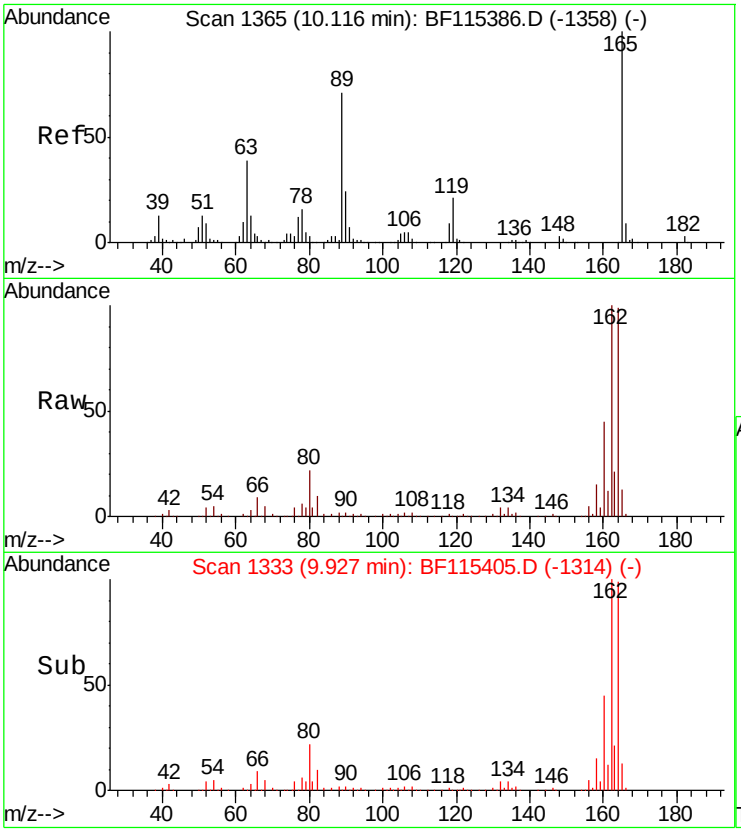


#51
2,6-Dinitrotoluene
Concen: 7.933 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:165 Resp: 55506

Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.8	68.6#
89	1.5	49.9	74.9#



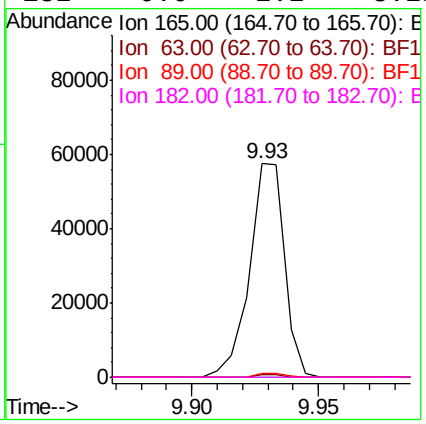


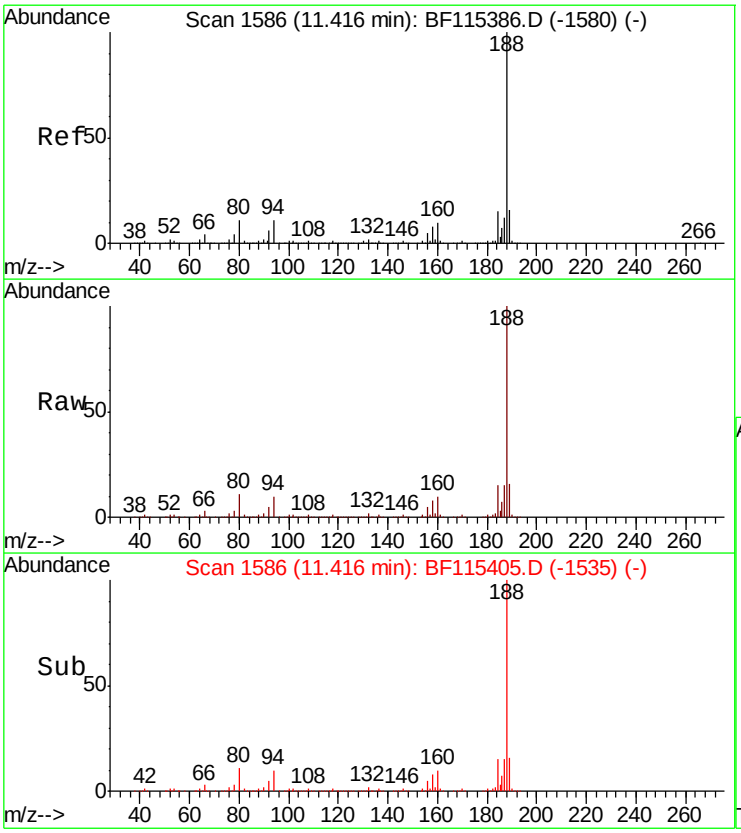
#57
2,4-Dinitrotoluene
Concen: 6.243 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 55506

Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.4	47.0#
89	1.5	57.1	85.7#
182	0.0	2.2	3.2#

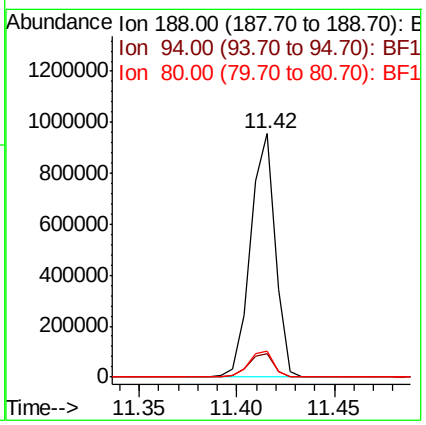


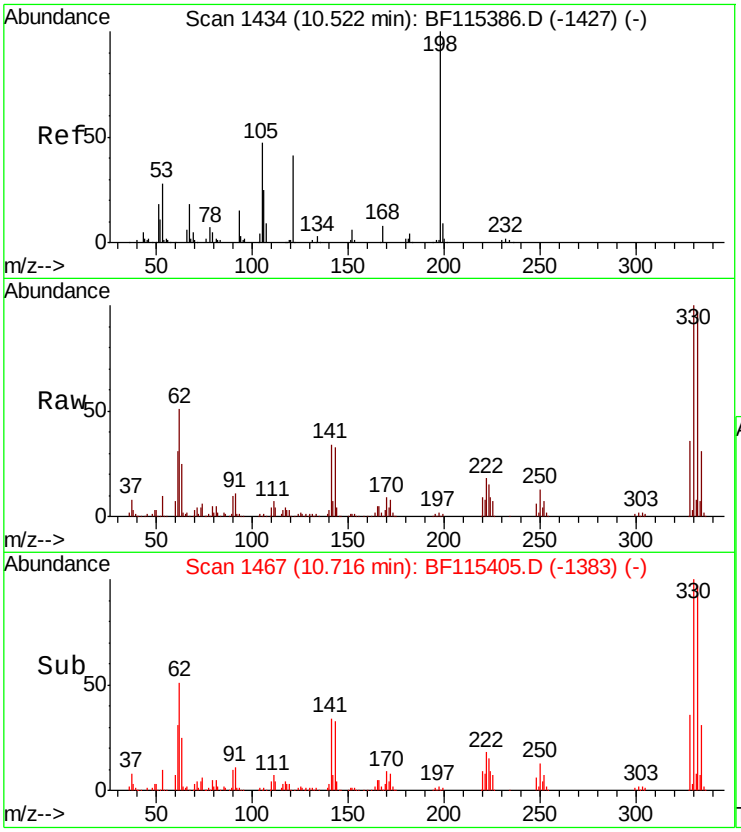


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:188 Resp: 840561

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.1	13.7



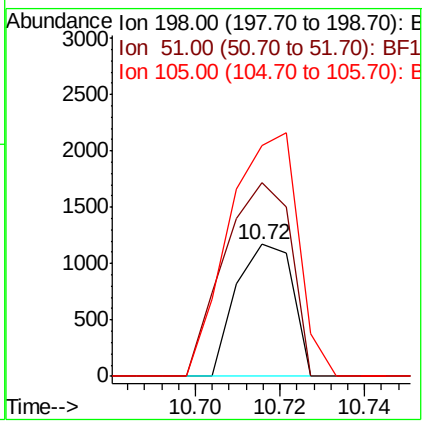


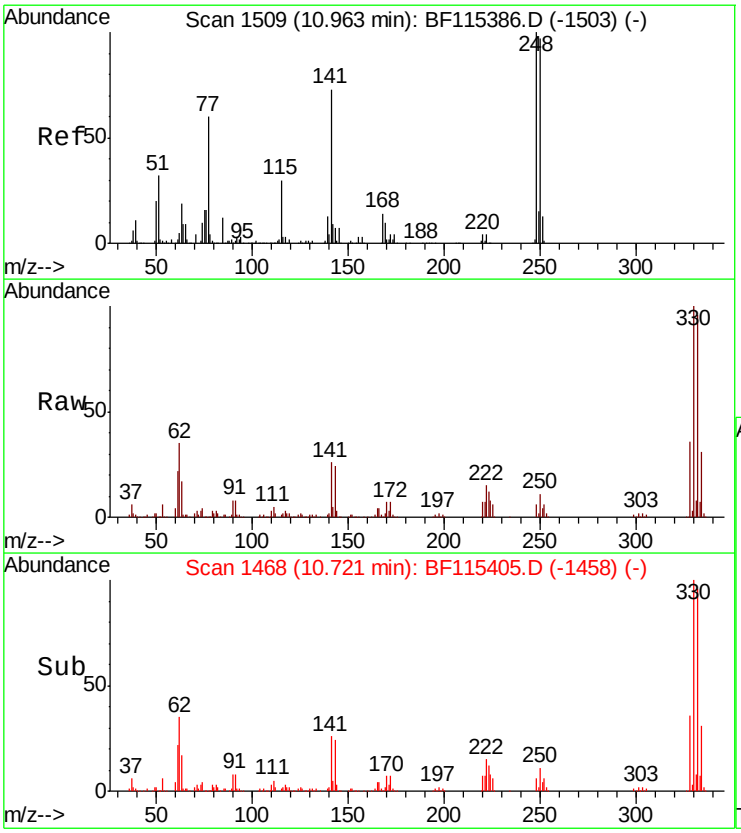
#65
4,6-Dinitro-2-methylphenol
Concen: 8.044 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:198 Resp: 1088

Ion	Ratio	Lower	Upper
198	100		
51	146.6	25.4	65.4#
105	174.8	27.9	67.9#

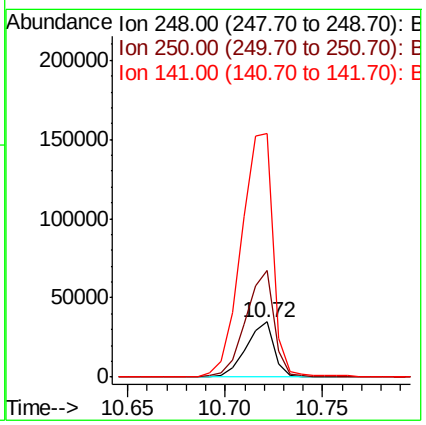


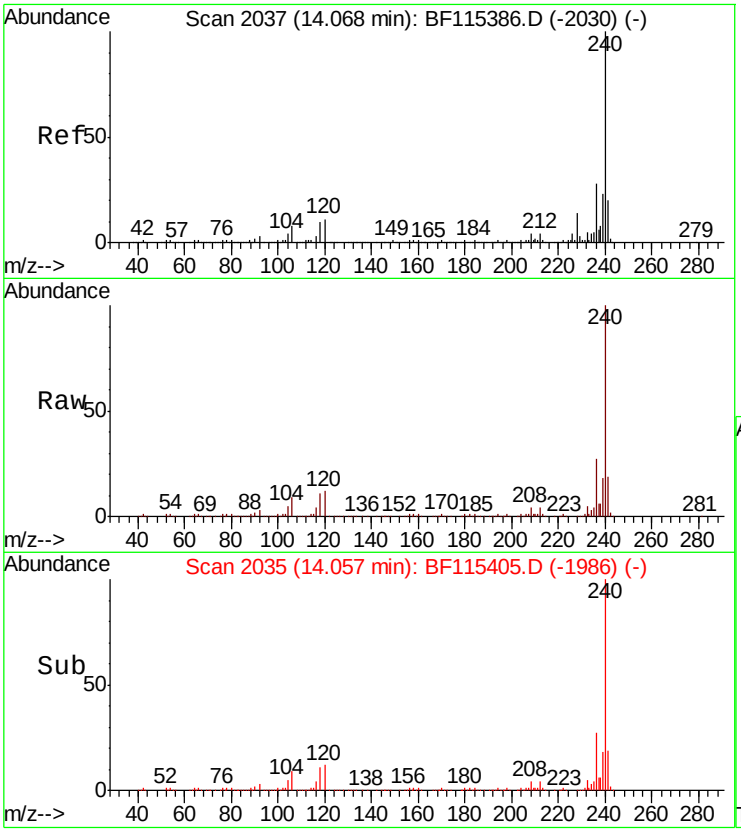


#67
4-Bromophenyl-phenylether
Concen: 3.667 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:248 Resp: 34583

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.3	115.9#
141	440.9	58.5	87.7#



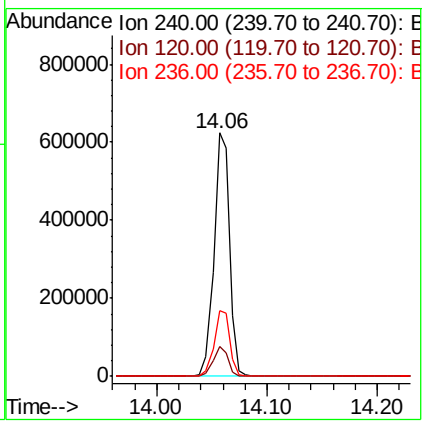


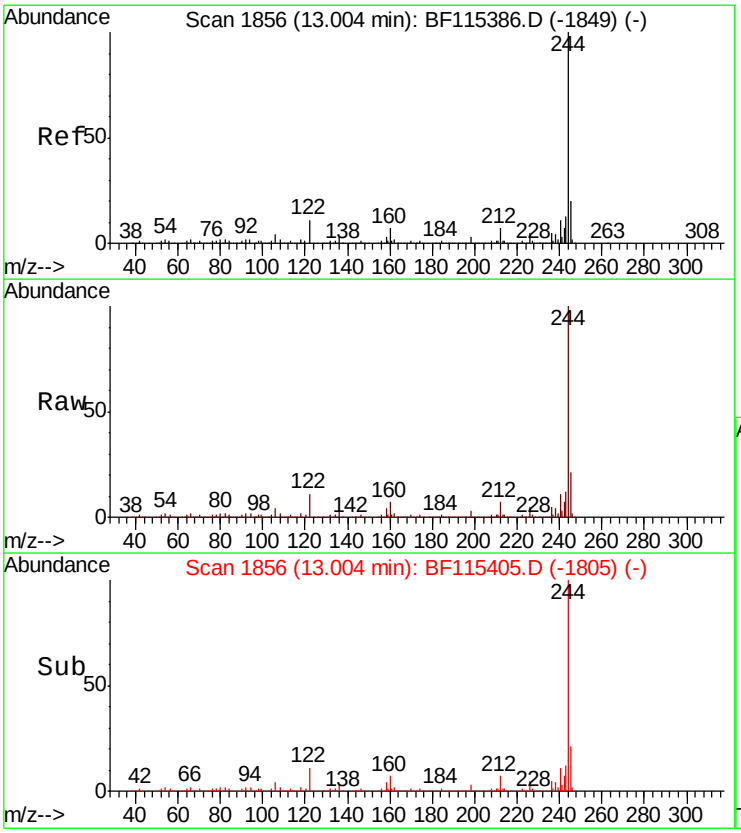
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 604848

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.1	13.7
236	27.2	22.5	33.7

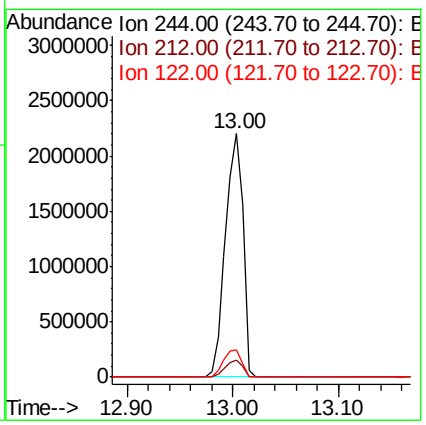


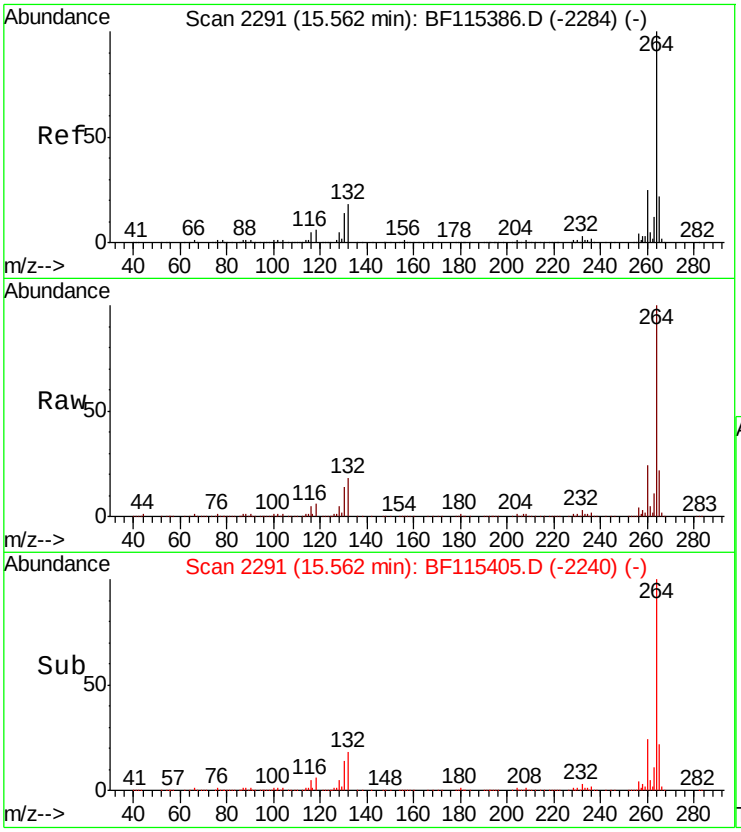


#79
Terphenyl-d14
Concen: 85.559 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:244 Resp: 2527486

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.3	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 543523

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.7	17.4	26.2