Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
Data File : BF116899.D
Acq On : 9 Sep 2019 16:24
Operator : HP/JU
Sample : PB122923BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 09 17:32:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 09 16:37:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103727	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	402658	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	207986	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	344389	20.00	ng	0.00
76) Chrysene-d12	13.99	240	259069	20.00	ng	0.00
87) Perylene-d12	15.44	264	229251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	915878	143.05	ng	0.01
7) Phenol-d6	6.48	99	1222655	145.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	770606	109.25	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	273911	197.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1330248	107.89	ng	0.00
79) Terphenyl-d14	12.94	244	1357330	96.92	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	101716	18.374	ng	# 78
25) Isophorone	7.40	82	770601	53.916	ng	# 67
51) 2,6-Dinitrotoluene	9.87	165	27562	10.060	ng	# 19
57) 2,4-Dinitrotoluene	9.87	165	27562	8.228	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	581	7.838	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	17640	5.042	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 09 16:37:52 2019
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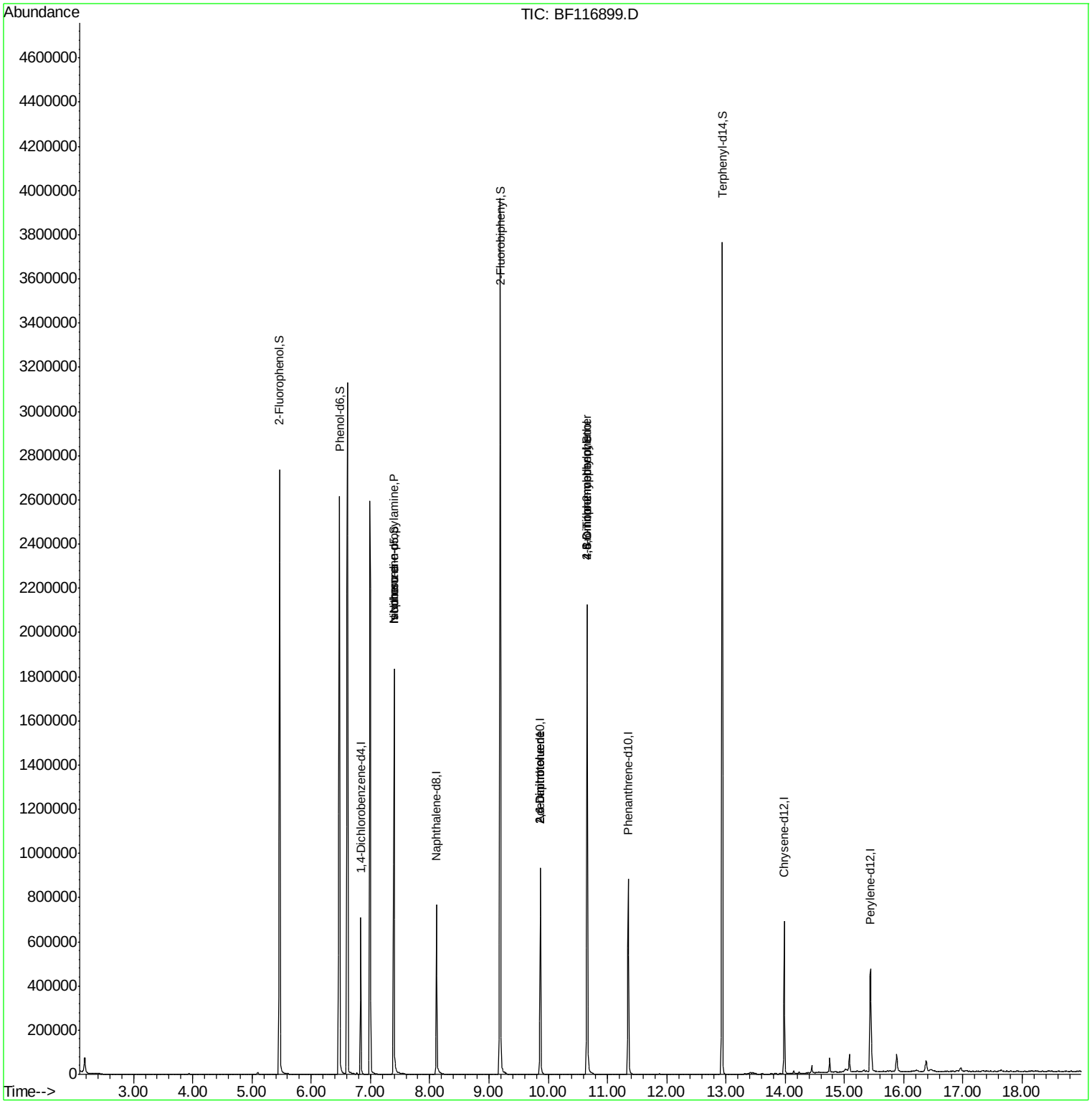
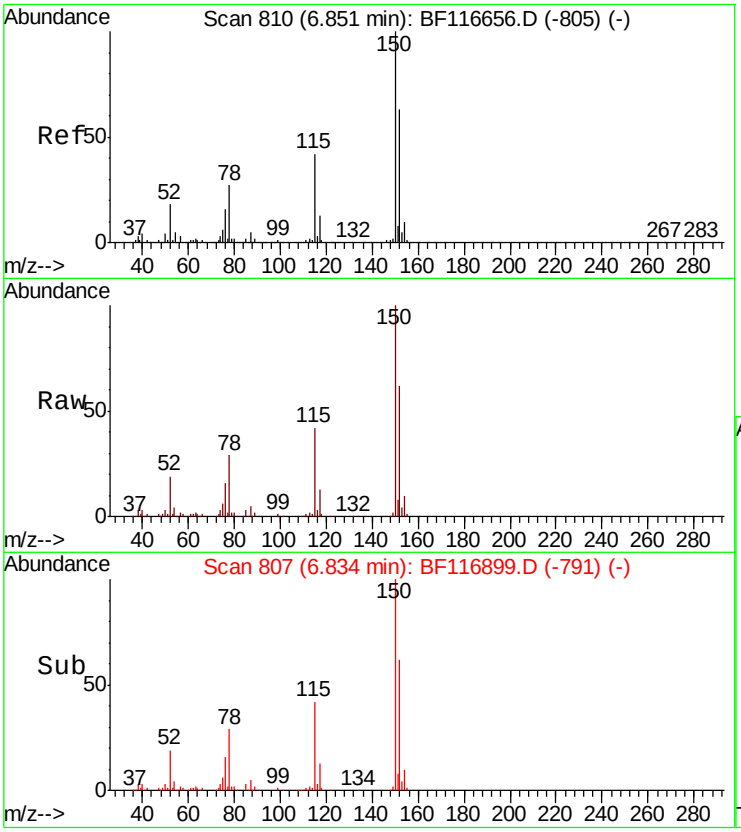


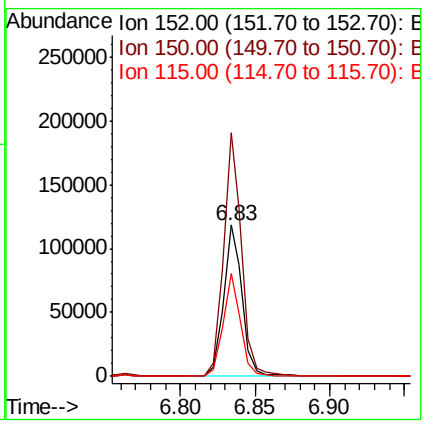


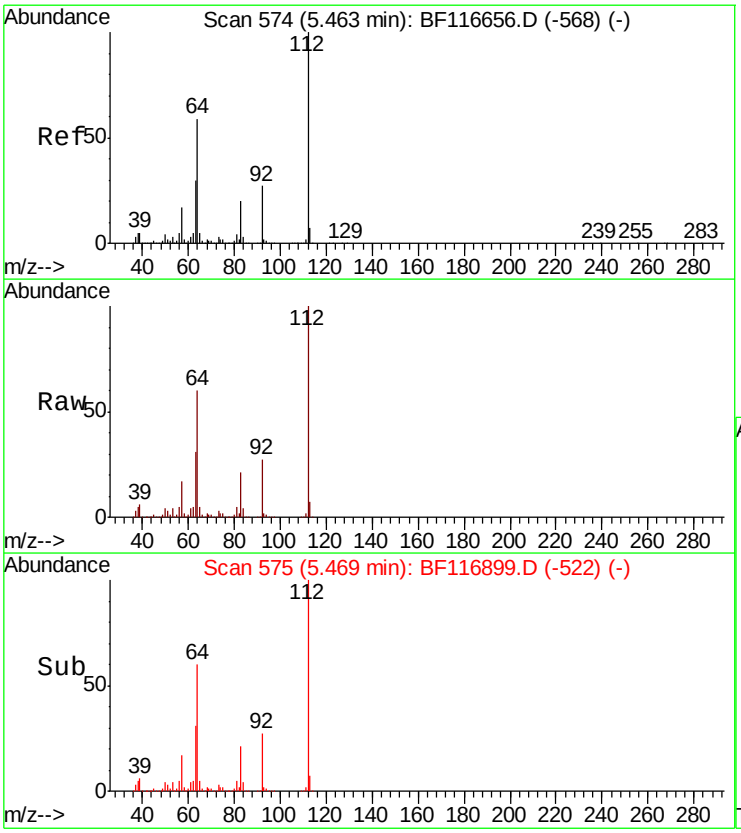
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103727

Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.4
115	68.1	51.5	77.3

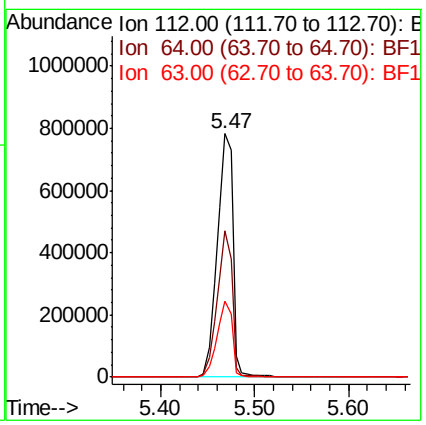


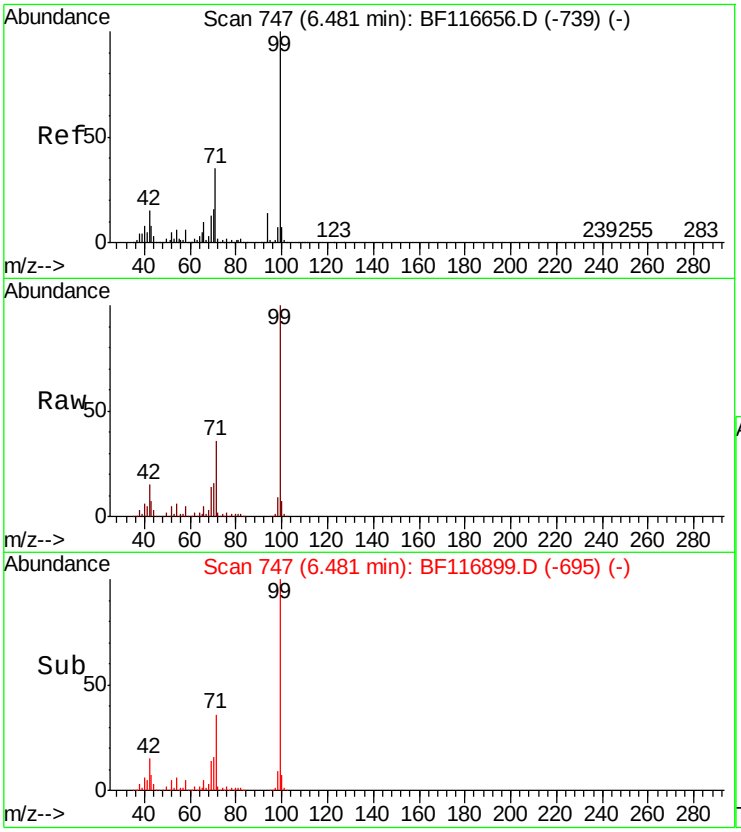


#5
2-Fluorophenol
Concen: 143.046 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:112 Resp: 915878

Ion	Ratio	Lower	Upper
112	100		
64	60.0	45.9	68.9
63	31.1	24.7	37.1



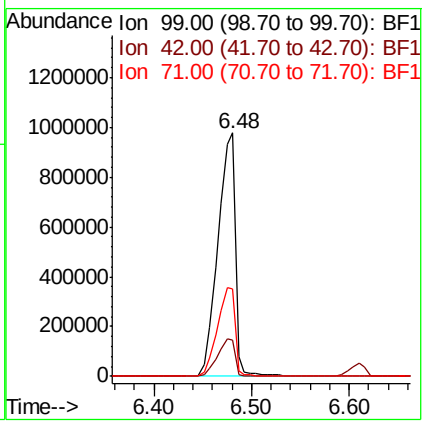


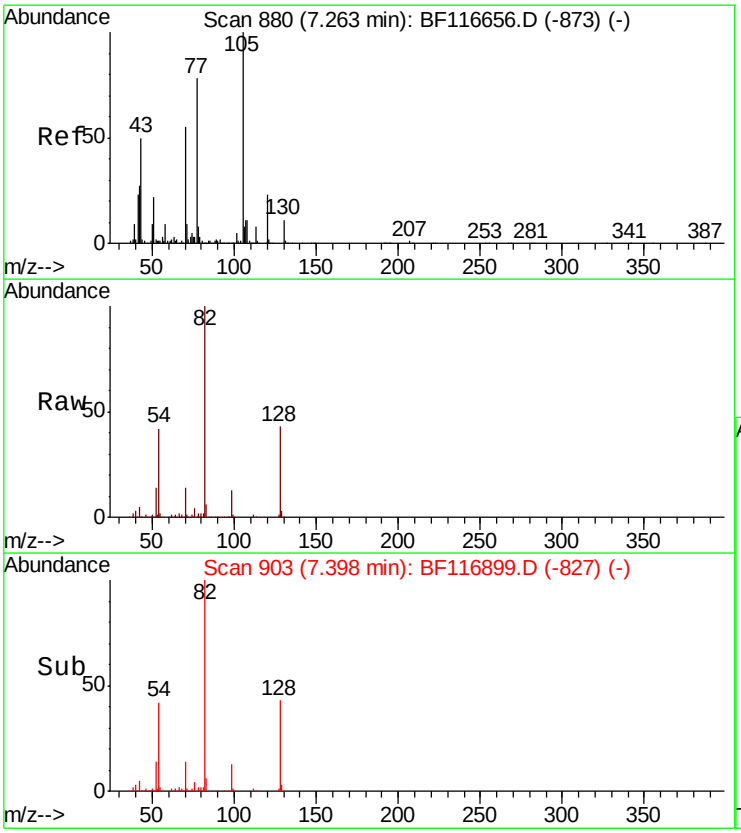
#7
Phenol-d6
Concen: 145.426 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1222655

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.1	18.1
71	35.7	29.6	44.4

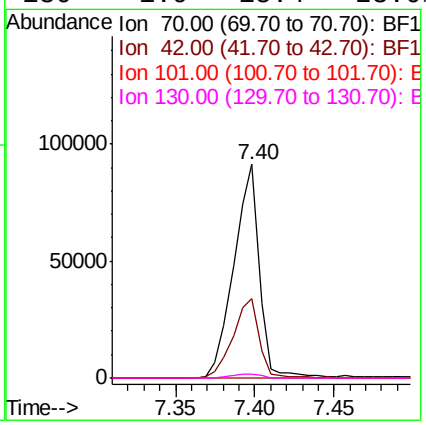


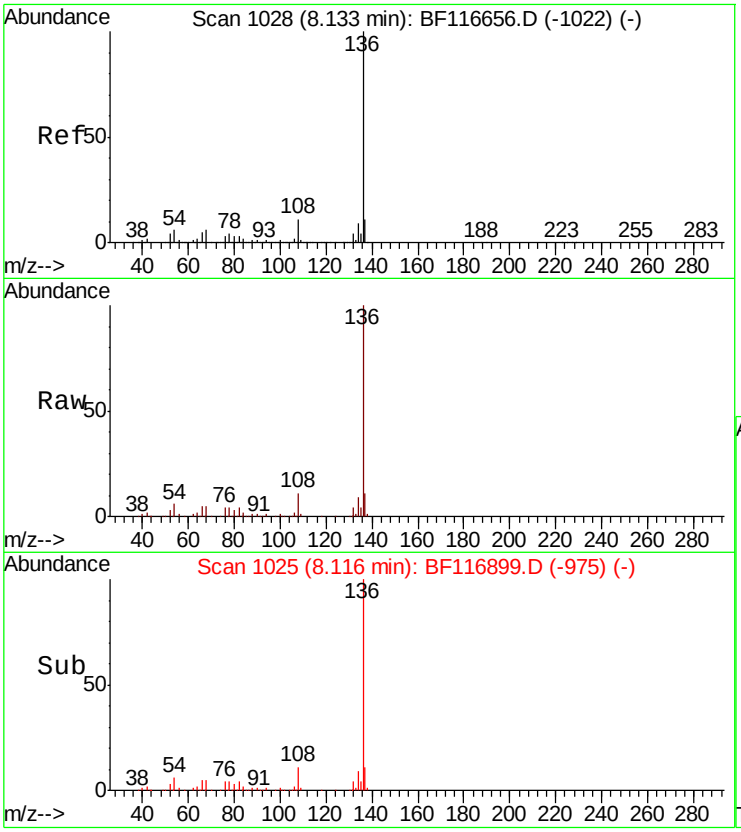


#19
n-Nitroso-di-n-propylamine
Concen: 18.374 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion: 70 Resp: 101716

Ion	Ratio	Lower	Upper
70	100		
42	37.1	37.5	56.3#
101	0.0	8.1	12.1#
130	1.9	15.4	23.0#



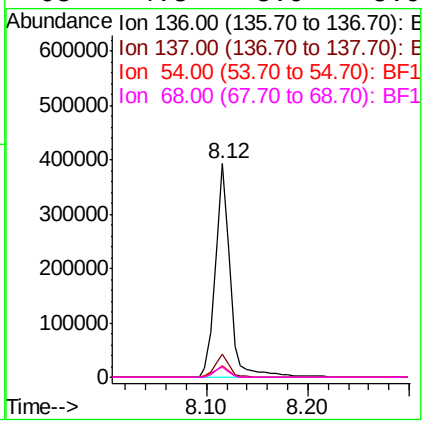


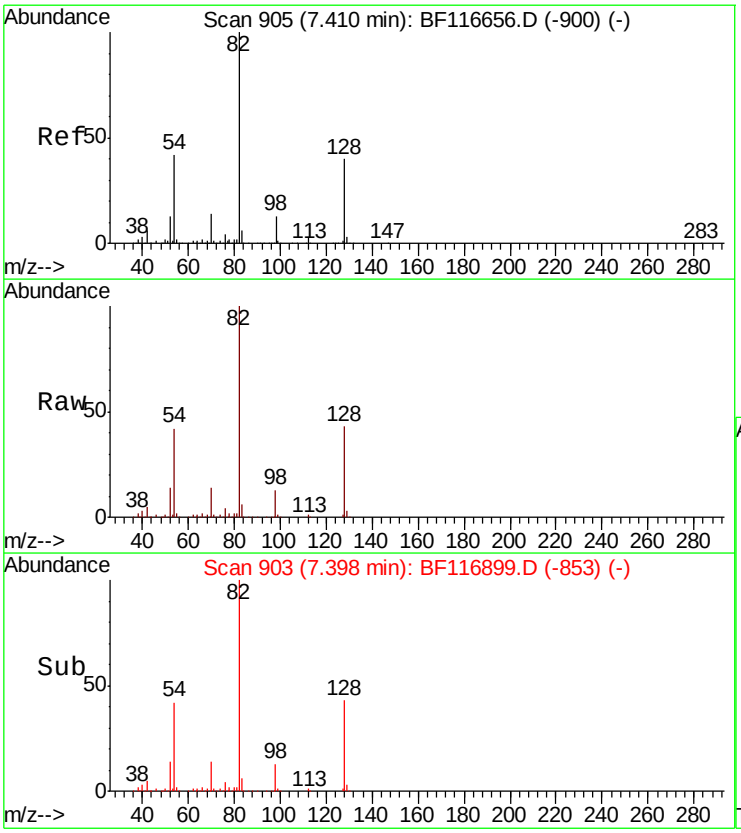
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 402658

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.6	4.2	6.2
68	4.8	3.9	5.9

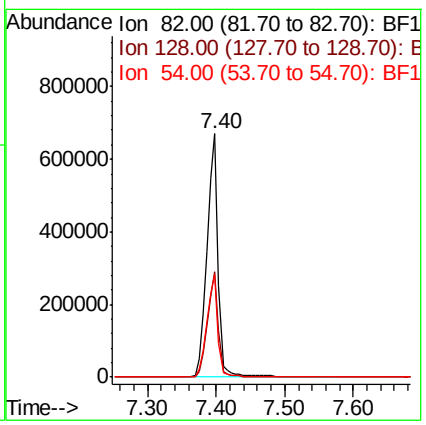


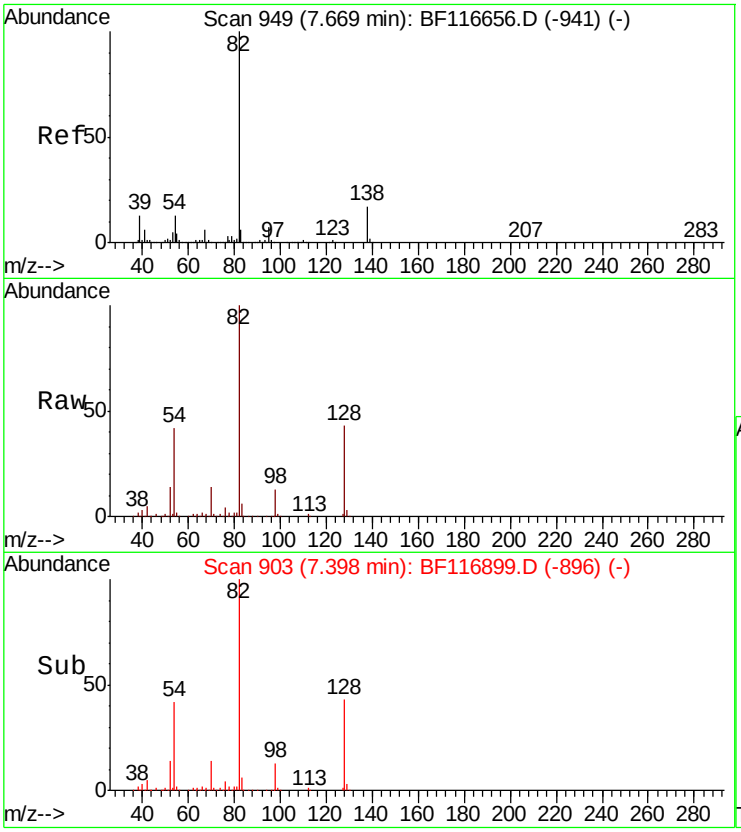


#23
Nitrobenzene-d5
Concen: 109.254 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion: 82 Resp: 770606

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.8	50.8
54	42.2	32.6	48.8



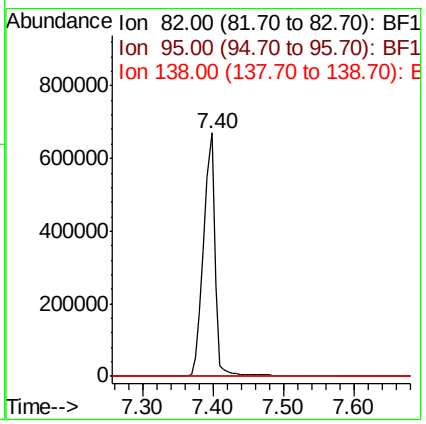


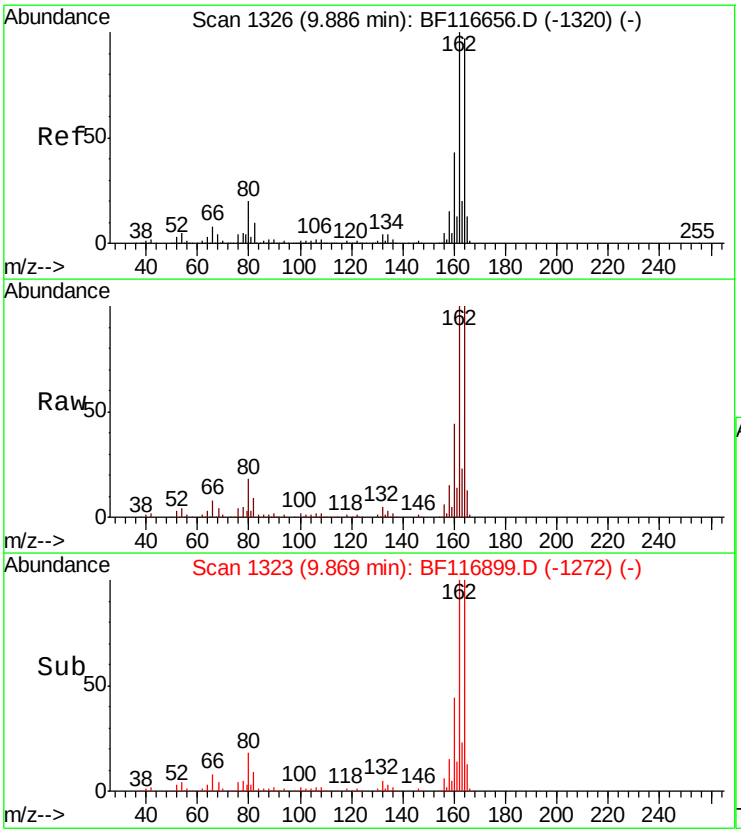
#25
Isophorone
Concen: 53.916 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 770601

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.2	19.8#

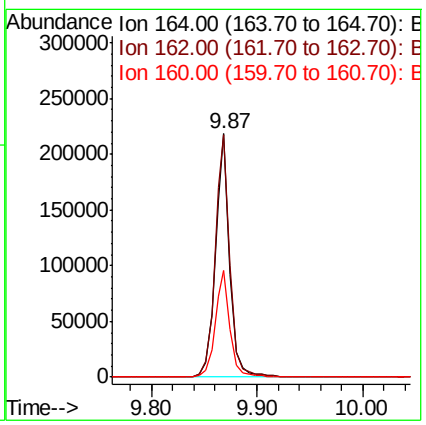


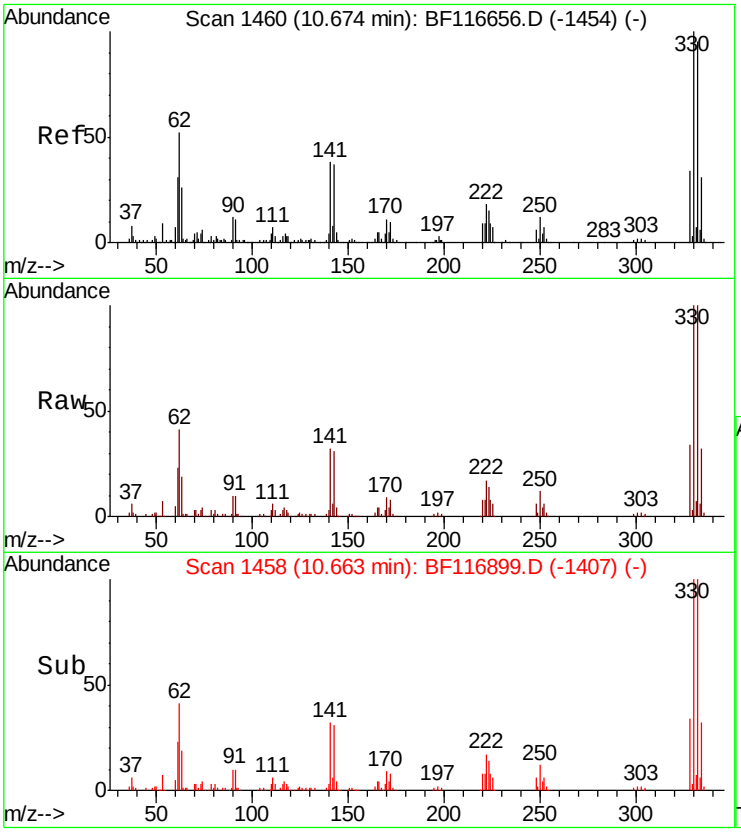


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:164 Resp: 207986

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	43.8	35.4	53.2



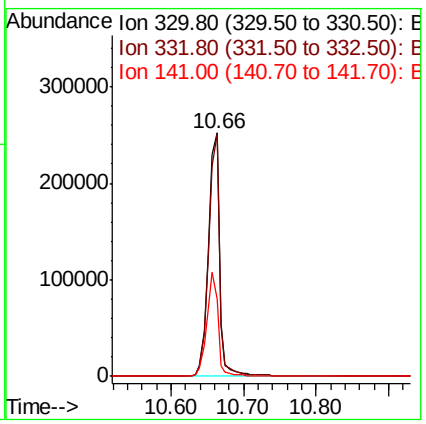


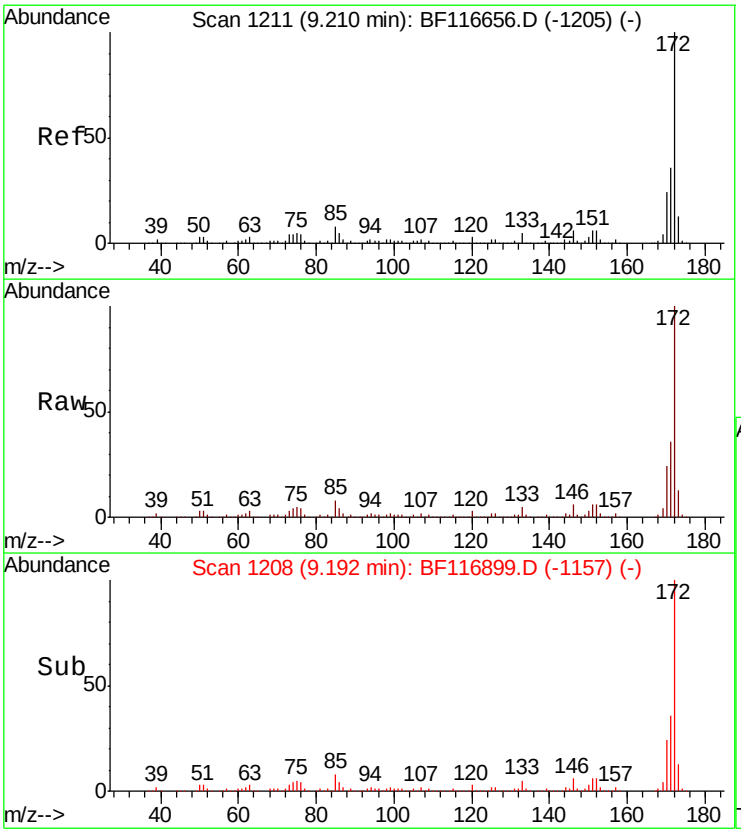
#42
2,4,6-Tribromophenol
Concen: 196.997 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 273911

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	42.3	35.2	52.8

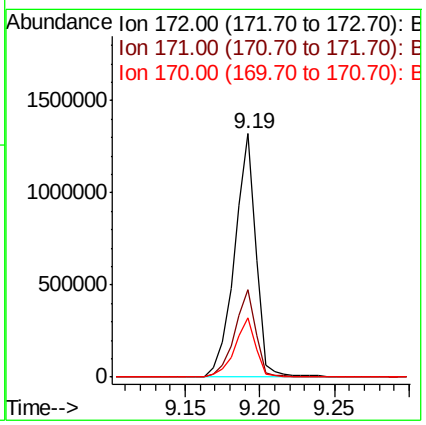


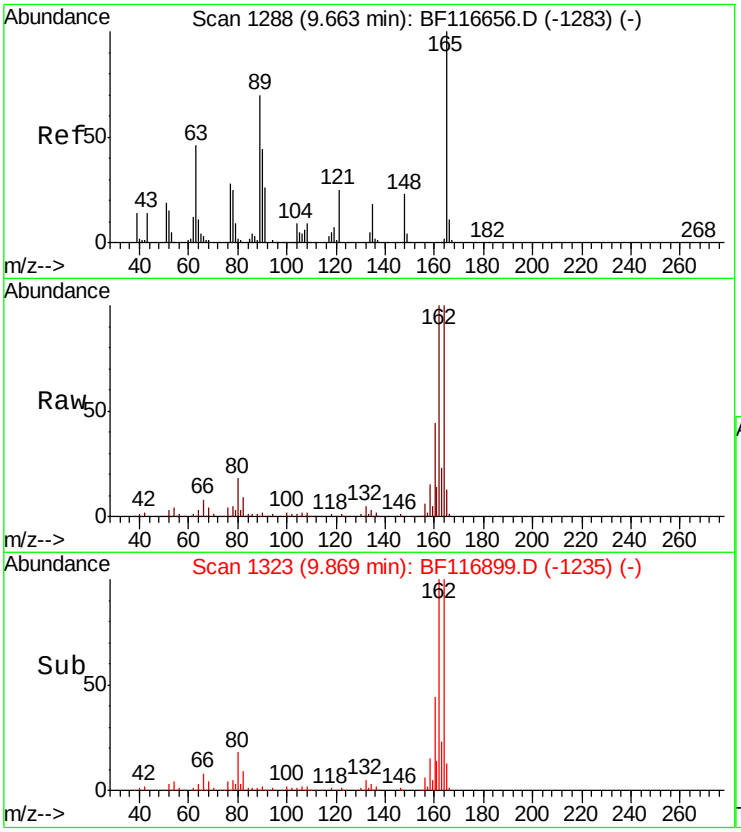


#45
2-Fluorobiphenyl
Concen: 107.891 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:172 Resp: 1330248

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	24.2	19.2	28.8



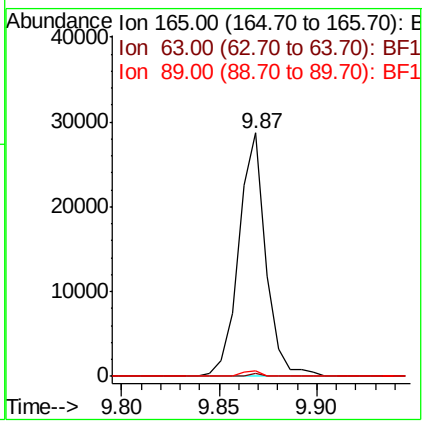


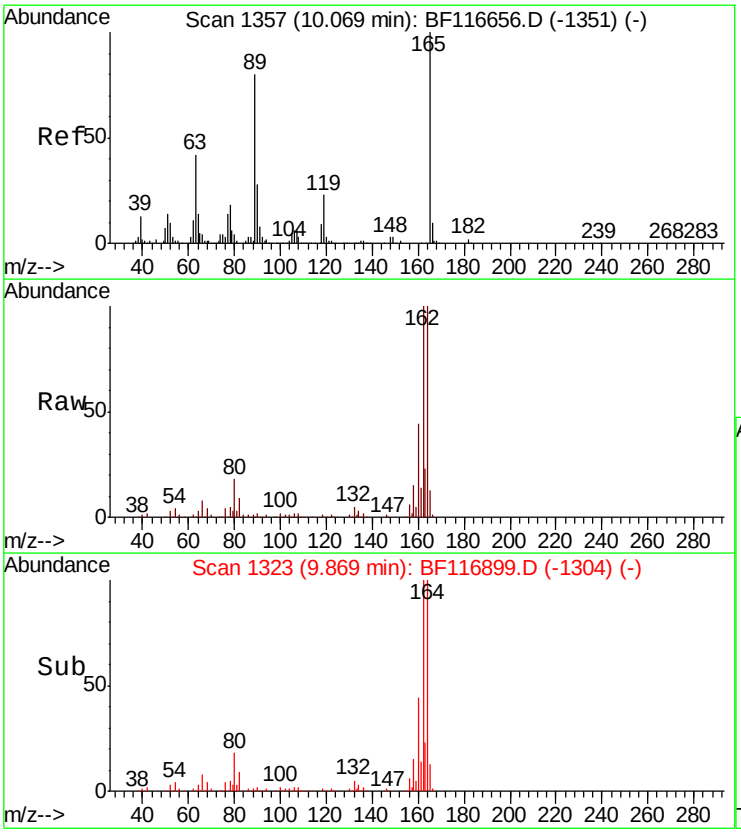
#51
2,6-Dinitrotoluene
Concen: 10.060 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.22 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27562

Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.8	76.2#
89	2.2	54.8	82.2#

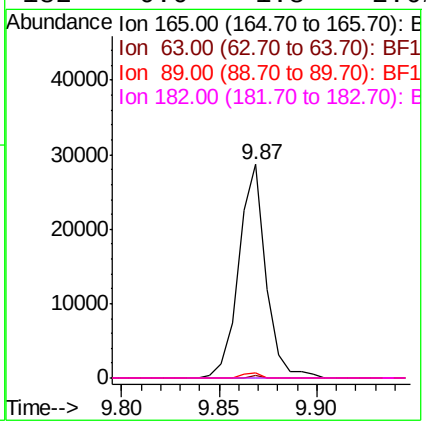


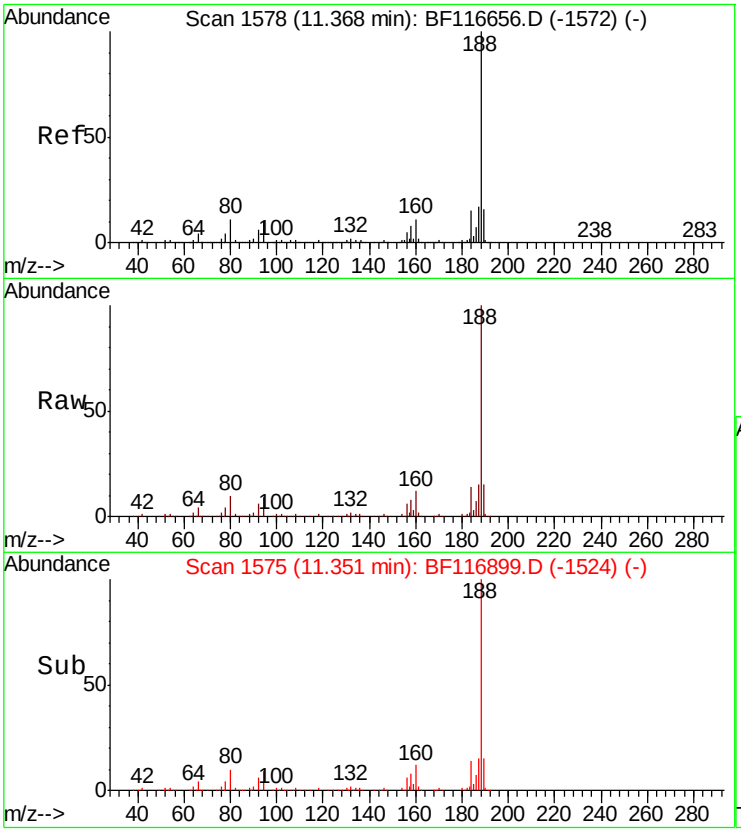


#57
2,4-Dinitrotoluene
Concen: 8.228 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:165 Resp: 27562

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.3	52.9#
89	2.2	63.8	95.8#
182	0.0	1.8	2.6#



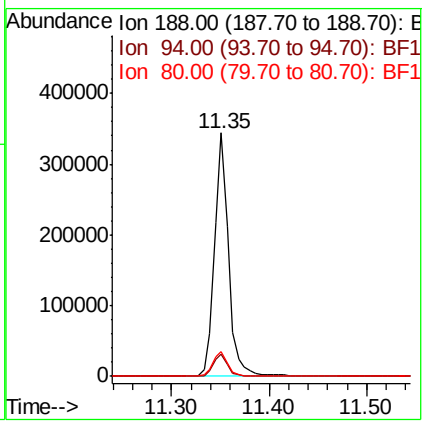


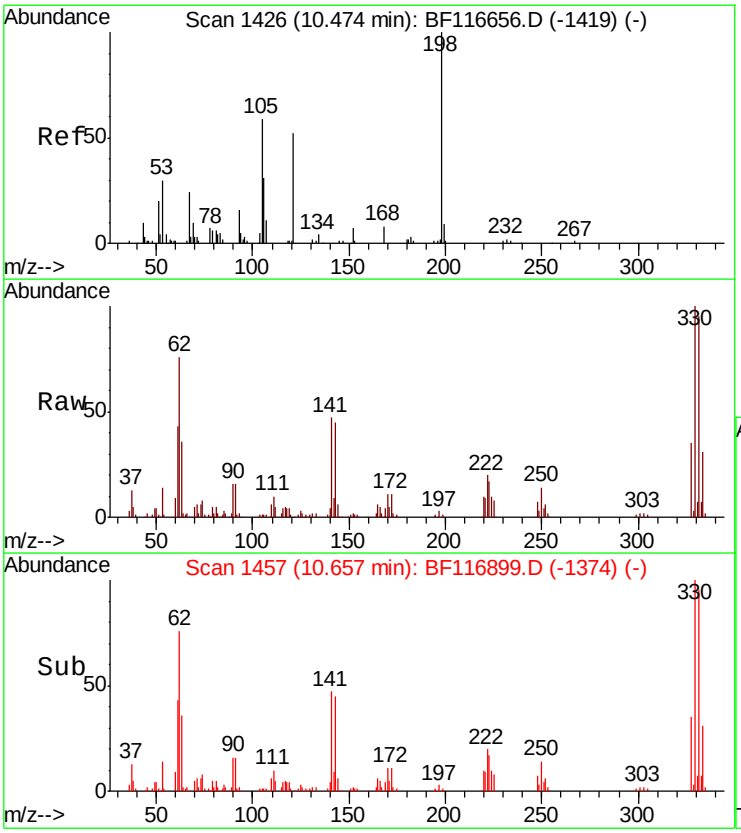
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 344389

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.3	9.1	13.7

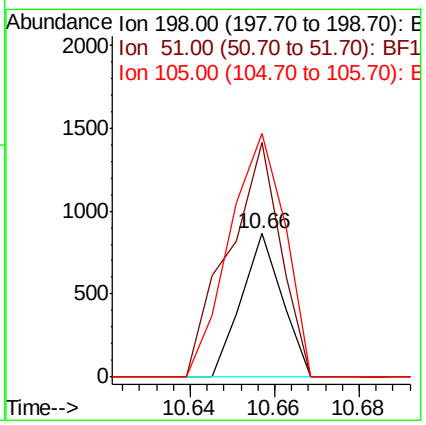


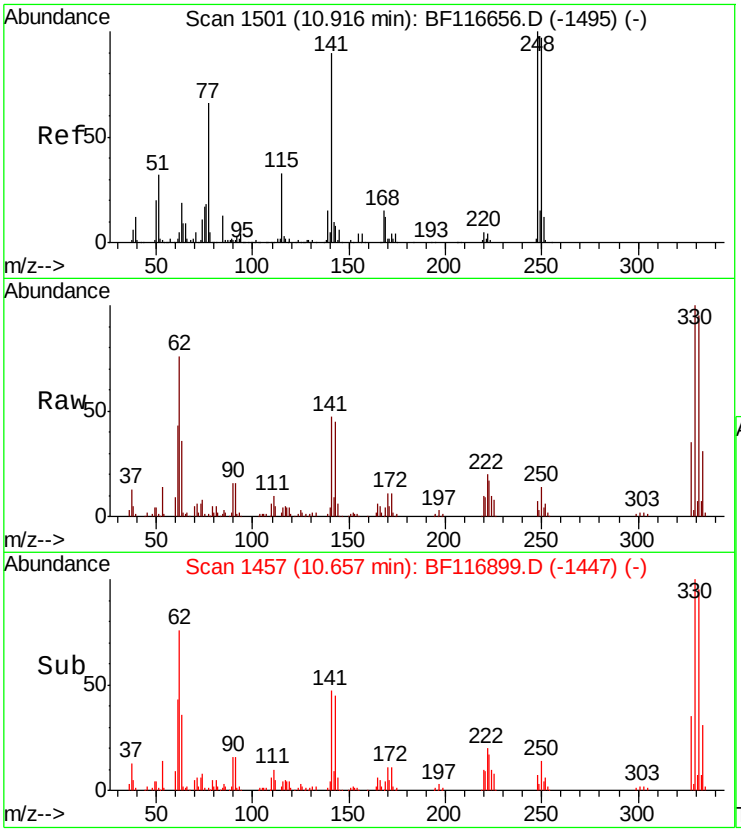


#65
4,6-Dinitro-2-methylphenol
Concen: 7.838 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.19 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:198 Resp: 581

Ion	Ratio	Lower	Upper
198	100		
51	164.0	27.2	67.2#
105	170.1	37.2	77.2#



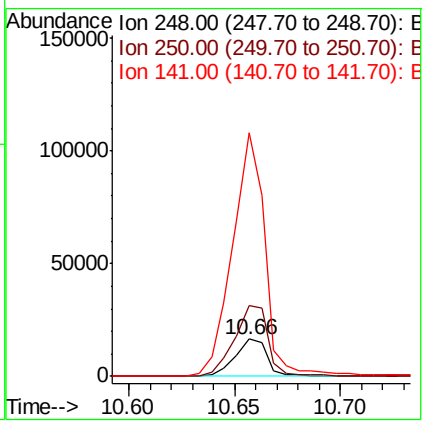


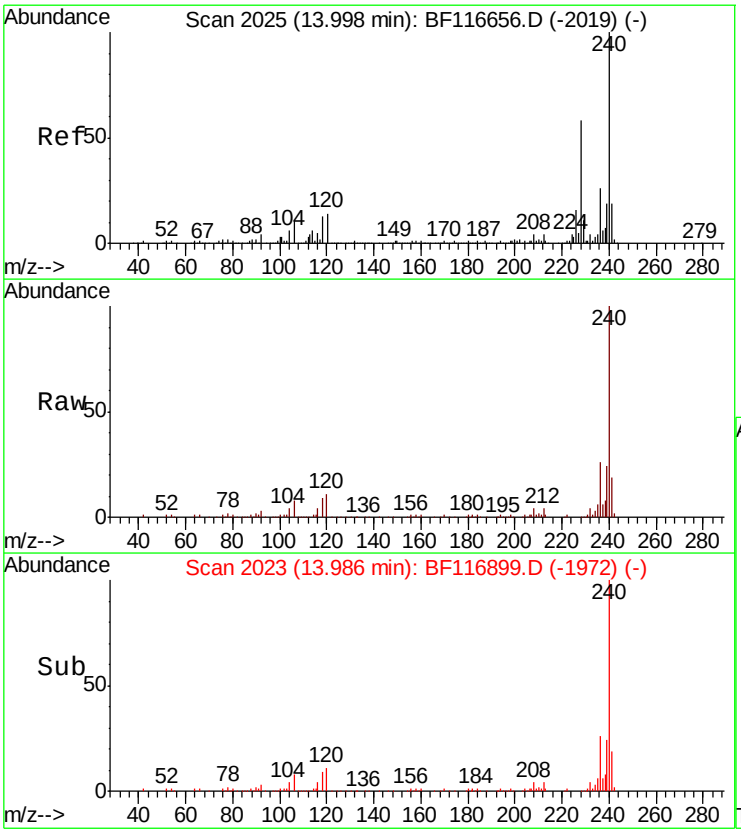
#67
4-Bromophenyl-phenylether
Concen: 5.042 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17640

Ion	Ratio	Lower	Upper
248	100		
250	190.8	75.9	113.9#
141	651.8	73.2	109.8#

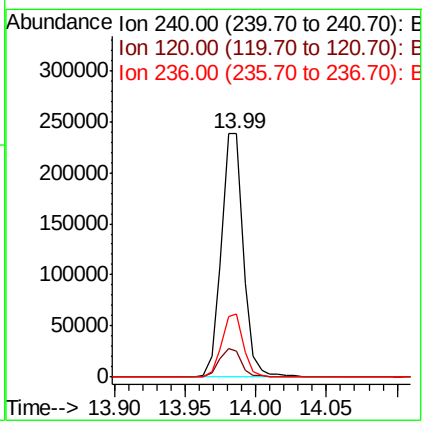


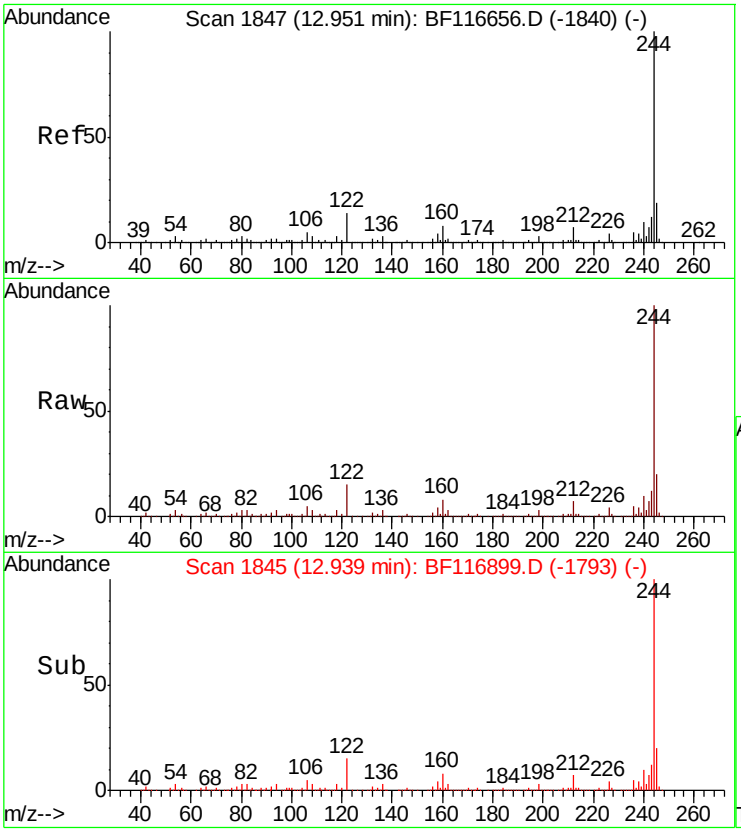


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:240 Resp: 259069

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.8	14.8
236	25.8	19.4	29.2



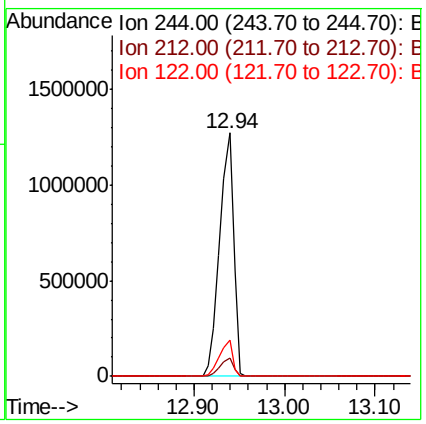


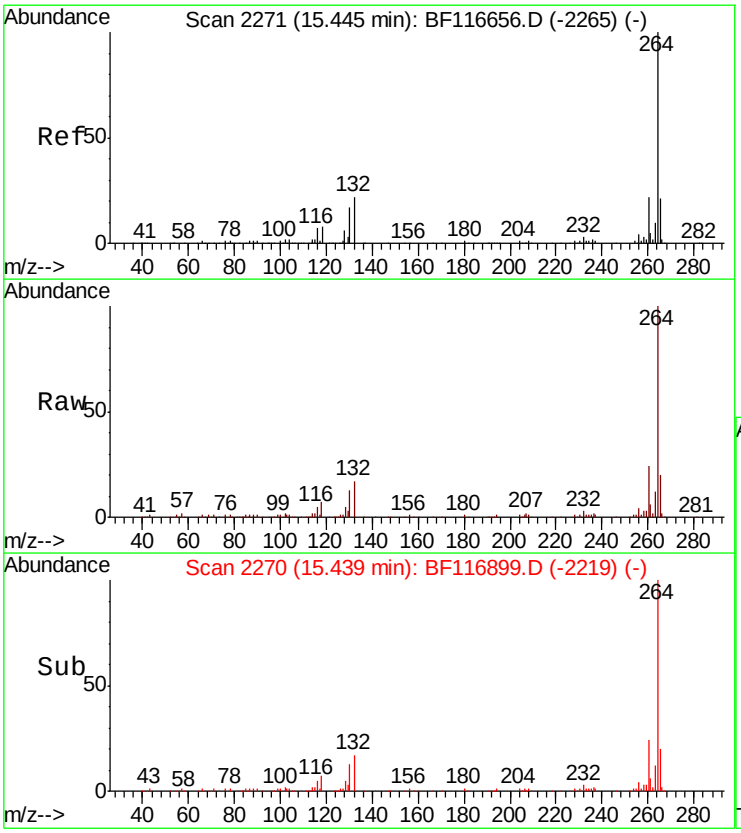
#79
Terphenyl-d14
Concen: 96.923 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1357330

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.7	11.0	16.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:264 Resp: 229251

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	20.2	16.9	25.3