Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
Data File : BF116232.D
Acq On : 13 Aug 2019 15:27
Operator : HP/JU
Sample : K4230-29
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REACTOR-3A-(0-3)-COMP

Quant Time: Aug 13 23:18:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145123	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	569188	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	317915	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	614558	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	518489	20.00	ng		0.00
87) Perylene-d12	15.47	264	501558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	940934	108.54	ng		0.00
7) Phenol-d6	6.47	99	1261907	115.38	ng		-0.01
23) Nitrobenzene-d5	7.40	82	814256	82.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	374558	121.52	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1362731	80.29	ng		-0.01
79) Terphenyl-d14	12.94	244	1686963	68.56	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	46672	3.624	ng		91
19) n-Nitroso-di-n-propylamine	7.40	70	107045	15.794	ng	#	79
25) Isophorone	7.40	82	814924	43.220	ng	#	65
50) Dimethylphthalate	9.59	163	116555	5.384	ng		98
51) 2,6-Dinitrotoluene	9.87	165	40101	8.525	ng	#	29
57) 2,4-Dinitrotoluene	9.87	165	40101	6.403	ng	#	20
67) 4-Bromophenyl-phenylether	10.66	248	22559	3.429	ng	#	1
75) Fluoranthene	12.57	202	85614	2.603	ng		98
88) Benzo(b)fluoranthene	15.05	252	58464	2.016	ng	#	97
89) Benzo(k)fluoranthene	15.05	252	58464	2.070	ng	#	96

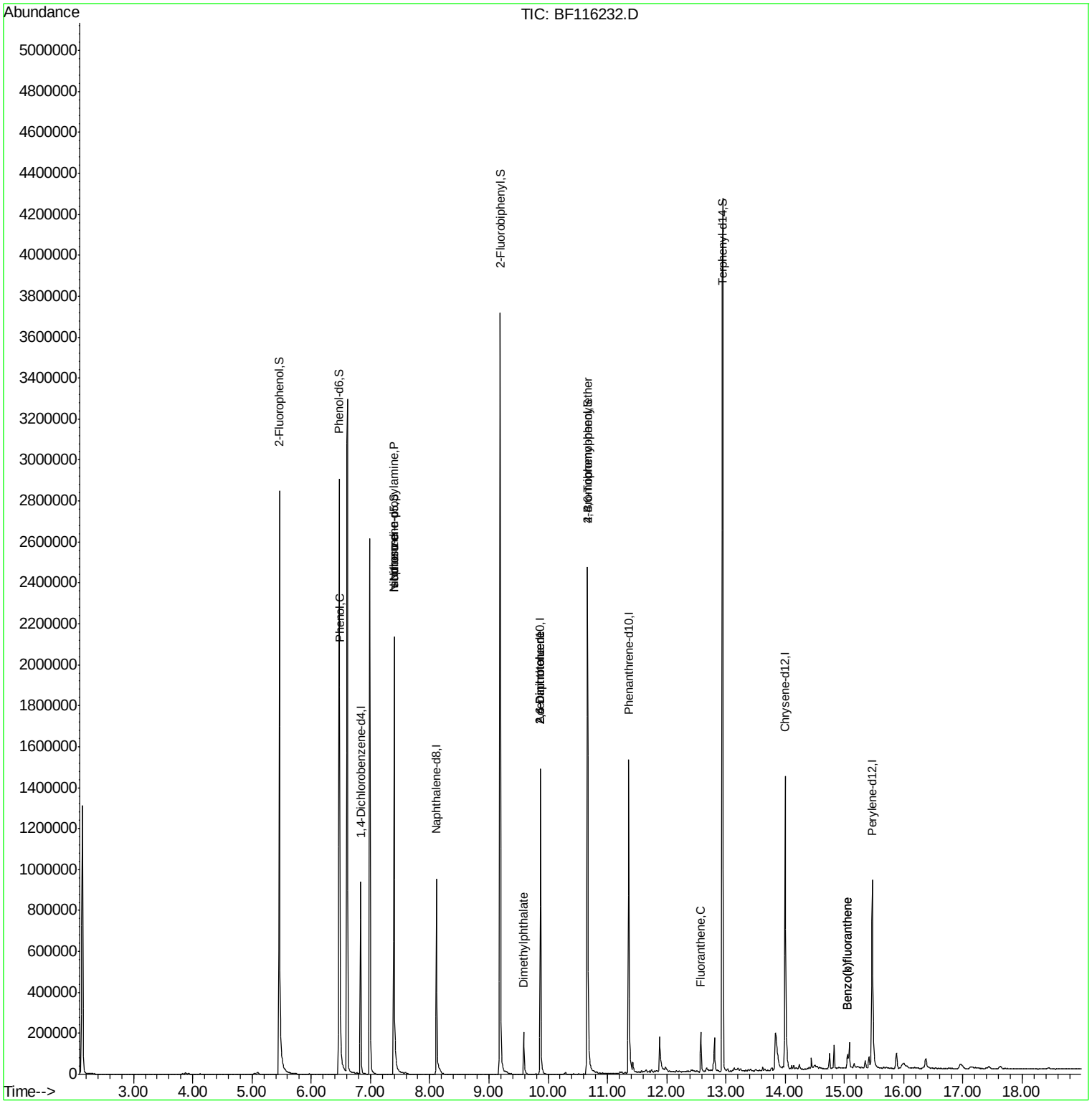
(#) = qualifier out of range (m) = manual integration (+) = signals summed

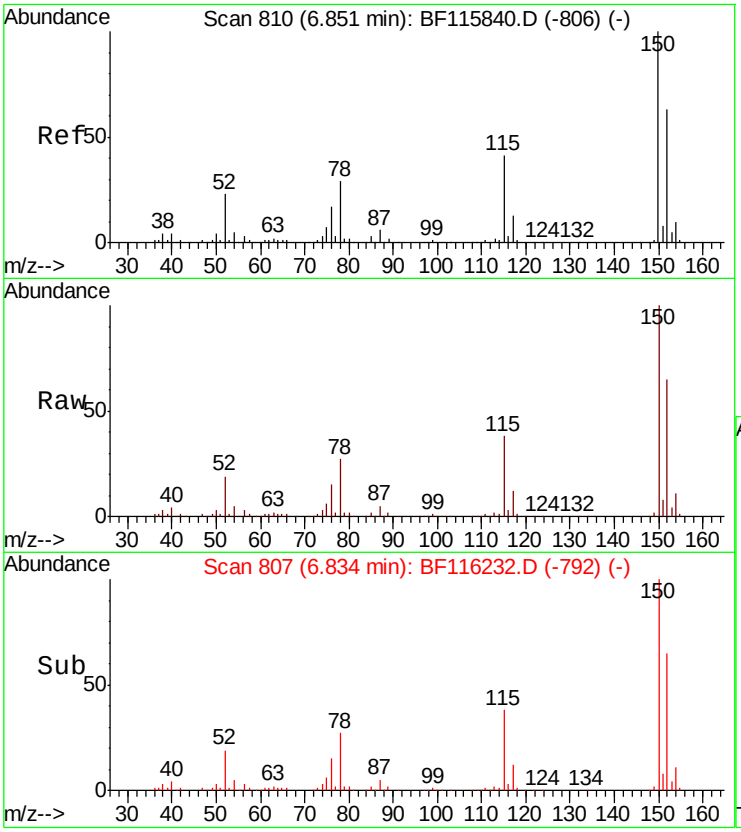
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
Data File : BF116232.D
Acq On : 13 Aug 2019 15:27
Operator : HP/JU
Sample : K4230-29
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Quant Time: Aug 13 23:18:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



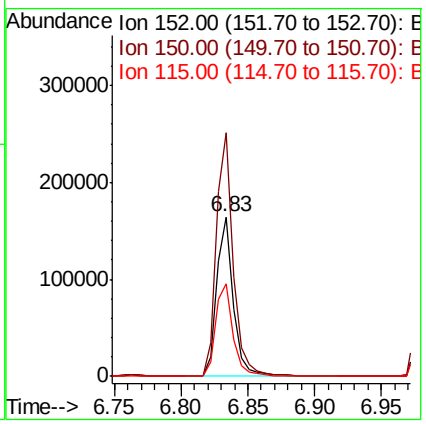


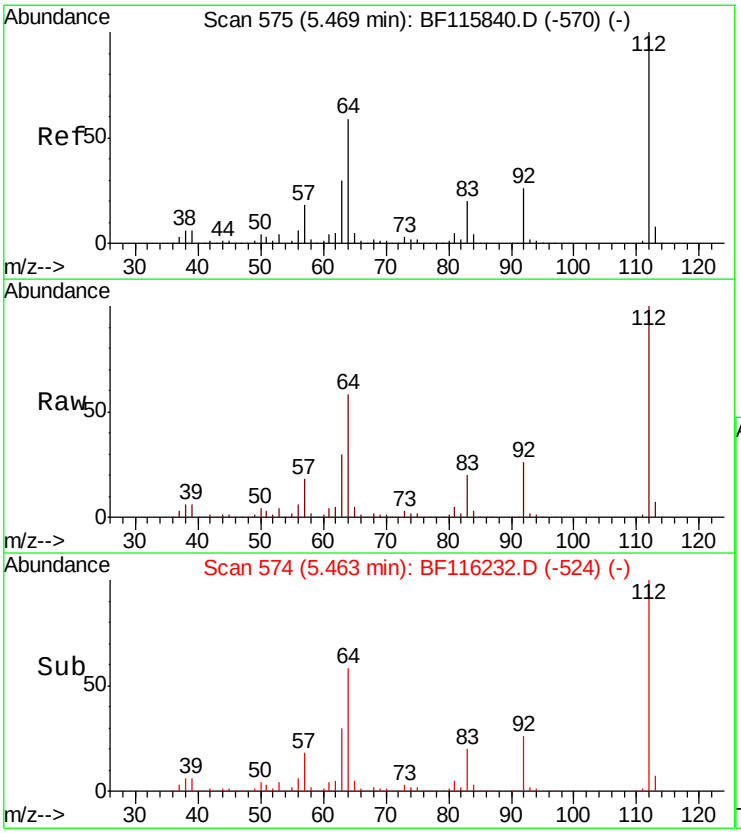
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:152 Resp: 145123

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	58.5	49.9	74.9

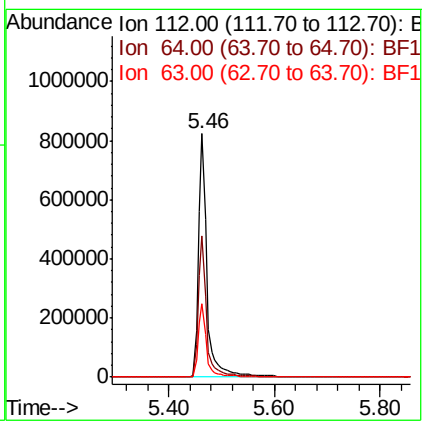


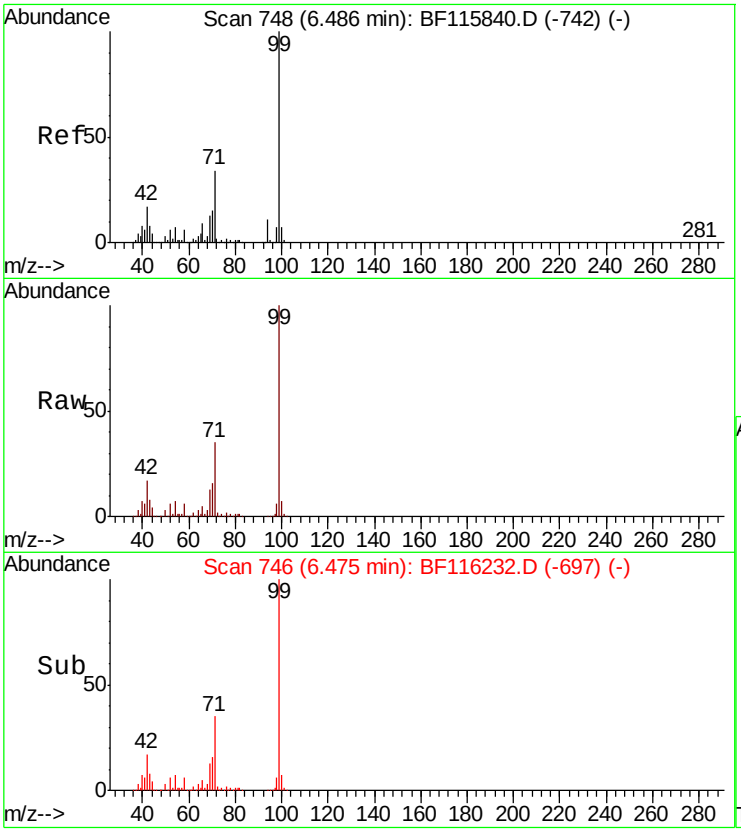


#5
2-Fluorophenol
Concen: 108.541 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:112 Resp: 940934

Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.4	68.2
63	30.4	23.7	35.5



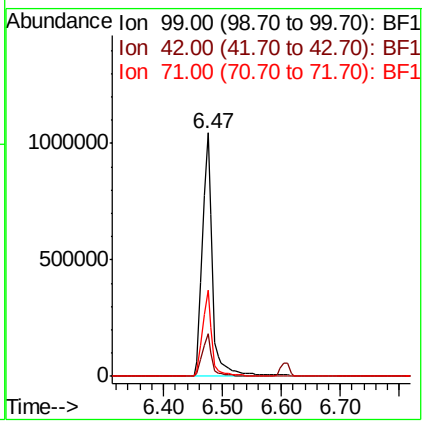


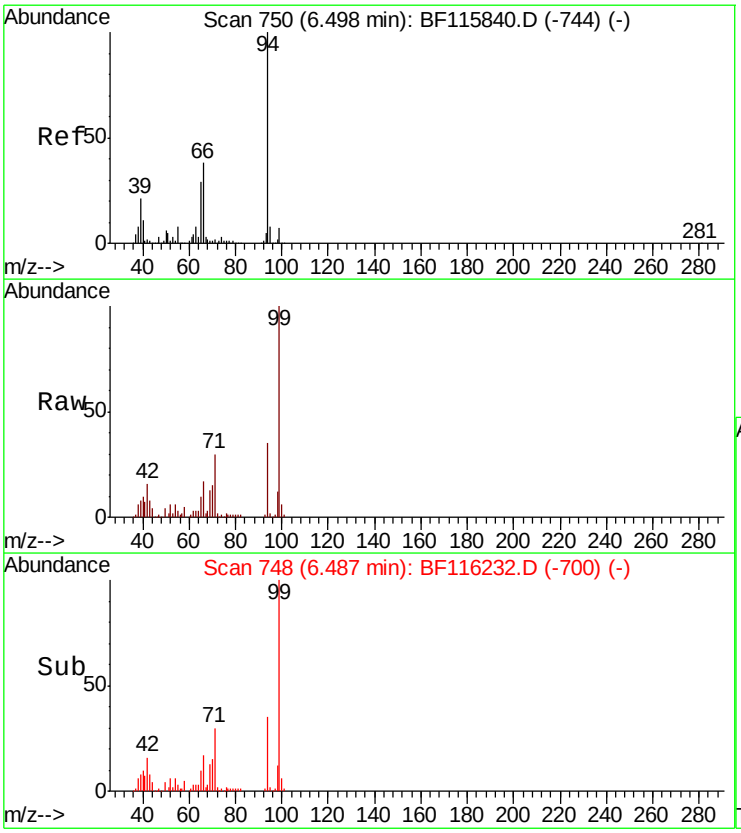
#7
Phenol-d6
Concen: 115.376 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion: 99 Resp: 1261907

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	35.4	27.3	40.9

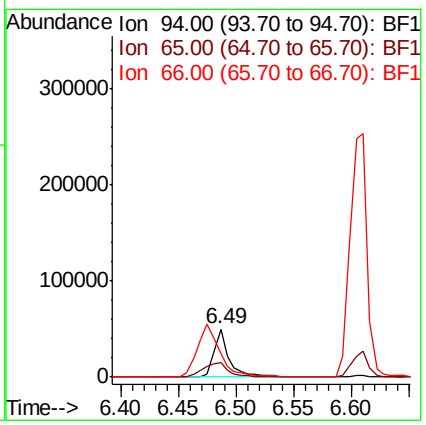


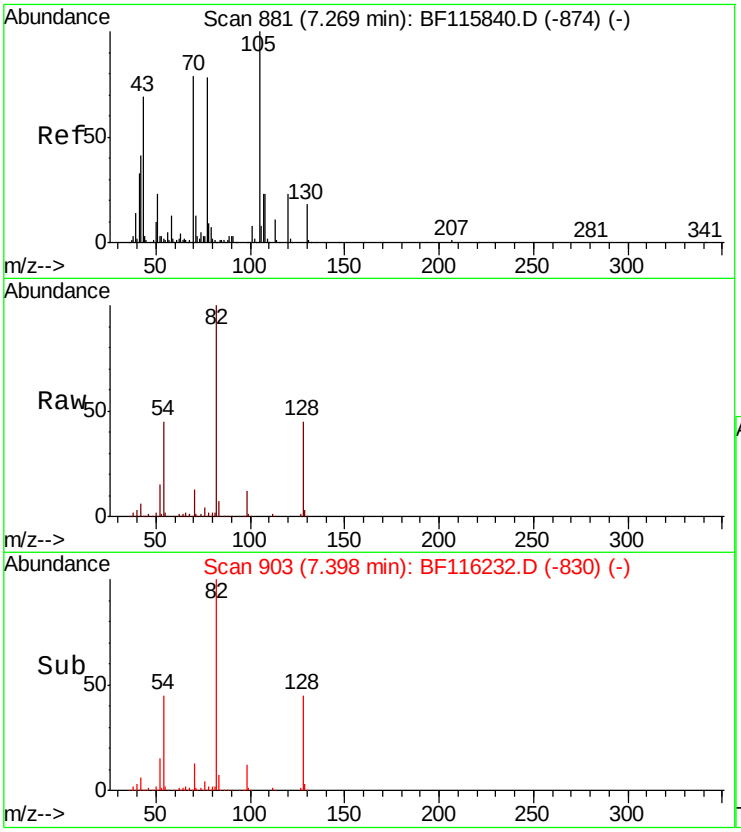


#10
Phenol
Concen: 3.624 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion: 94 Resp: 46672

Ion	Ratio	Lower	Upper
94	100		
65	29.8	16.8	56.8
66	48.8	34.2	74.2



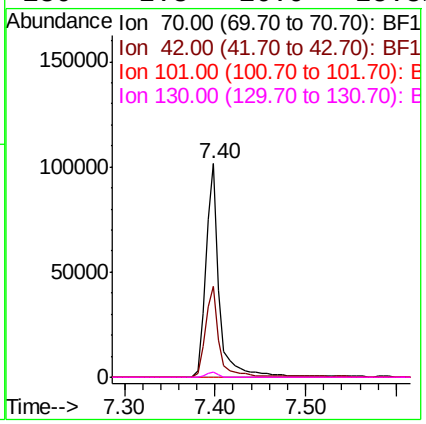


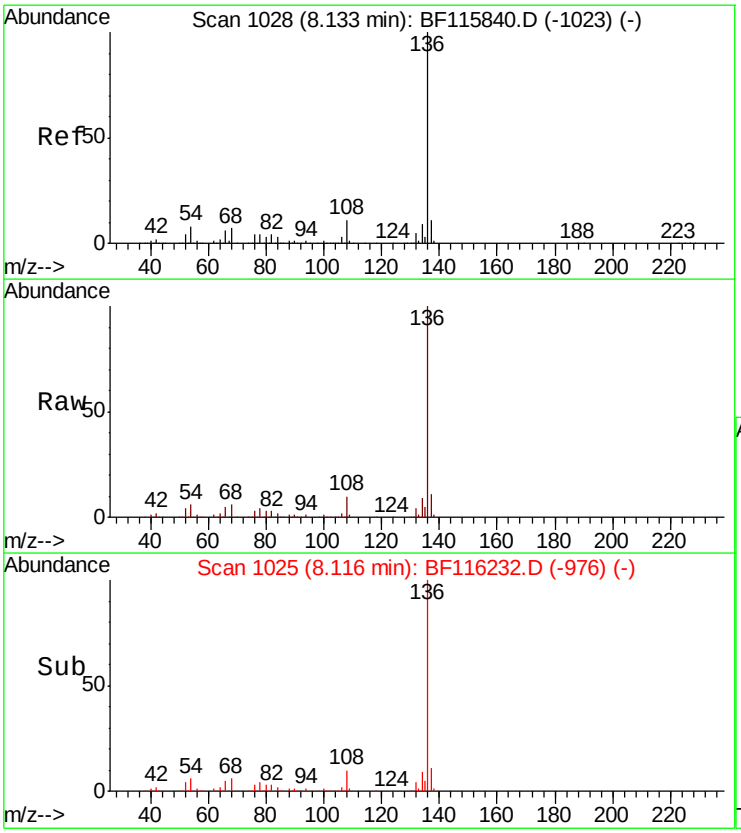
#19
n-Nitroso-di-n-propylamine
Concen: 15.794 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion: 70 Resp: 107045

Ion	Ratio	Lower	Upper
70	100		
42	42.4	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#

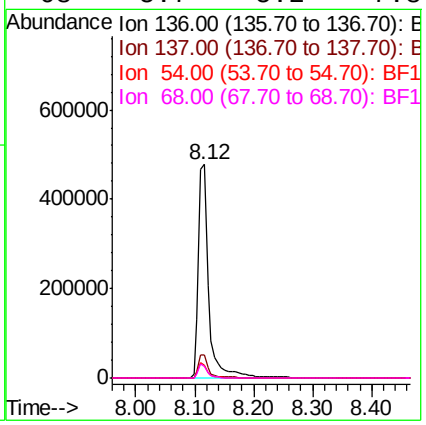


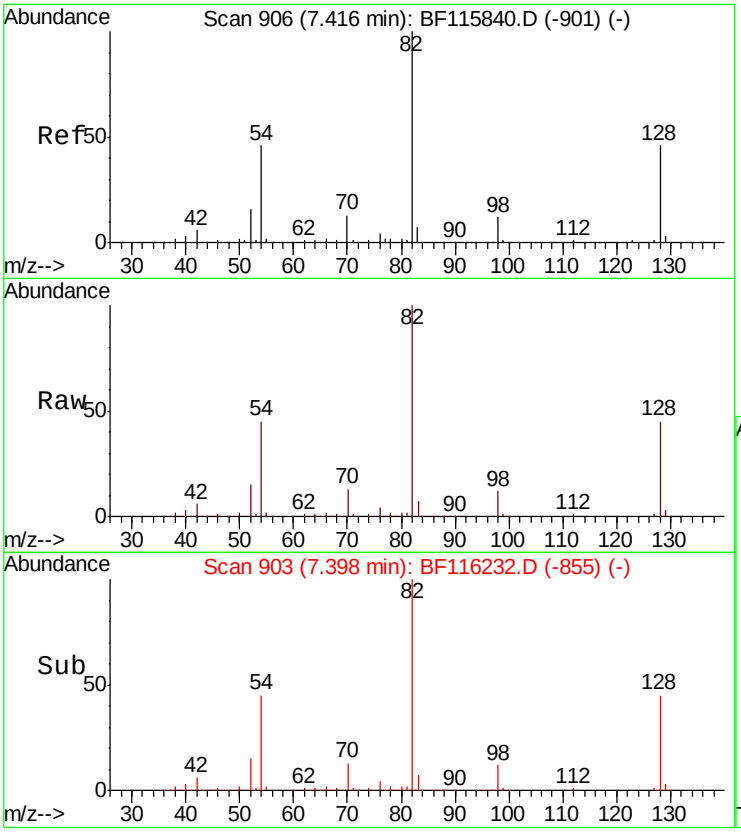


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:136 Resp: 569188

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.3	5.8	8.6
68	5.7	5.2	7.8



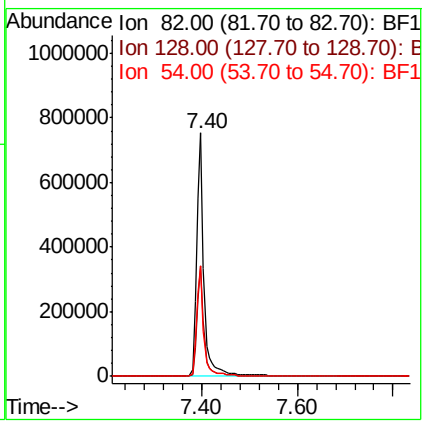


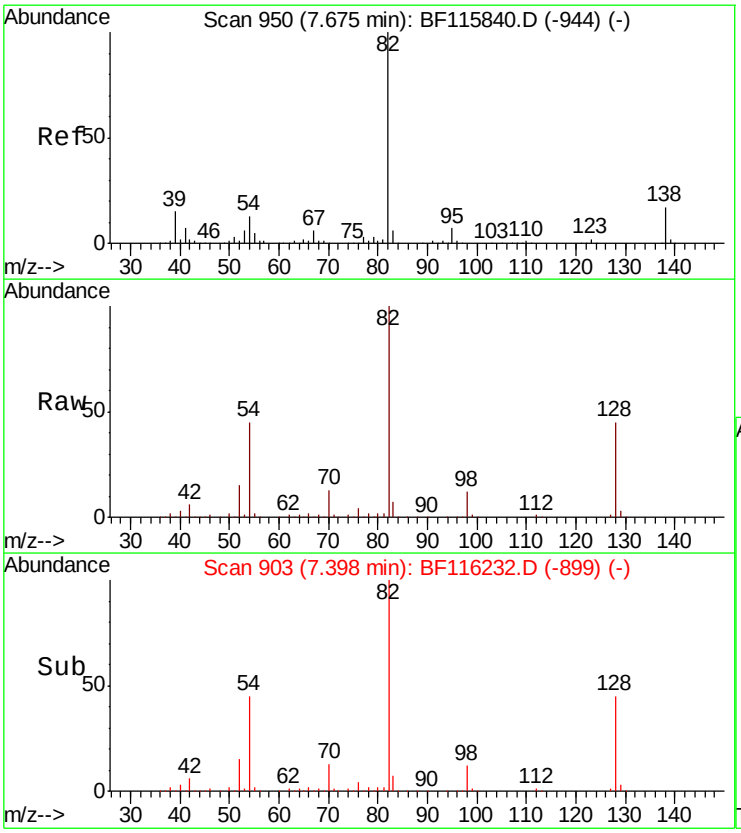
#23
Nitrobenzene-d5
Concen: 82.576 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion: 82 Resp: 814256

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	45.2	36.0	54.0

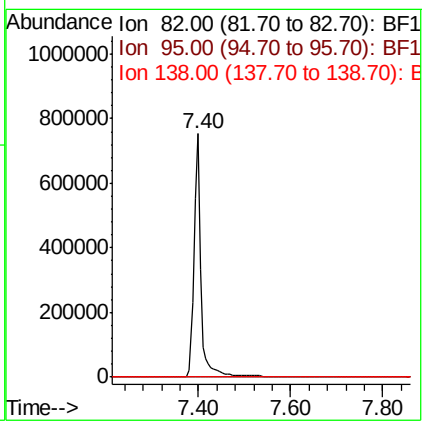


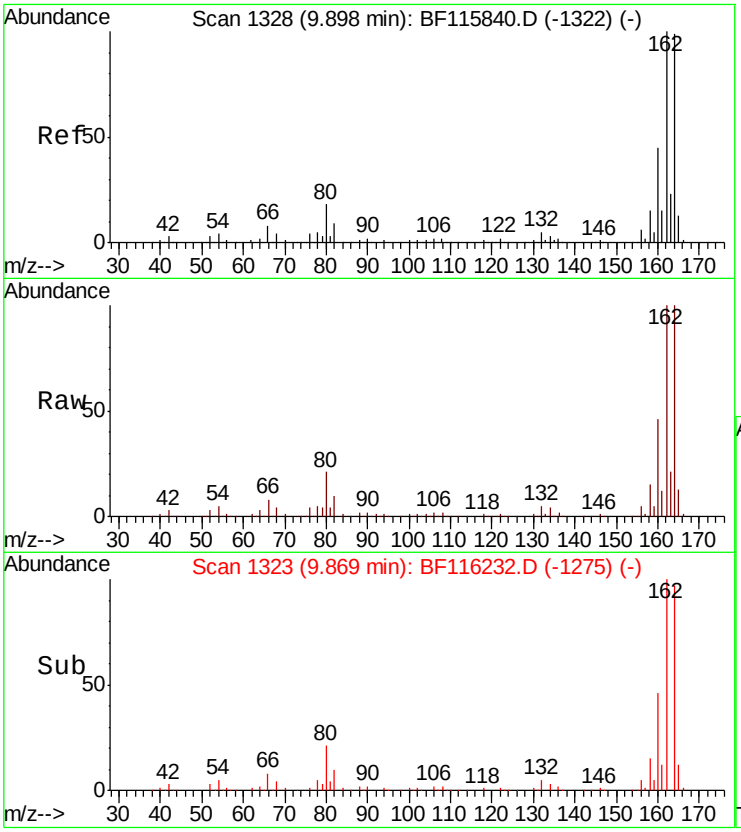


#25
Isophorone
Concen: 43.220 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion: 82 Resp: 814924

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#



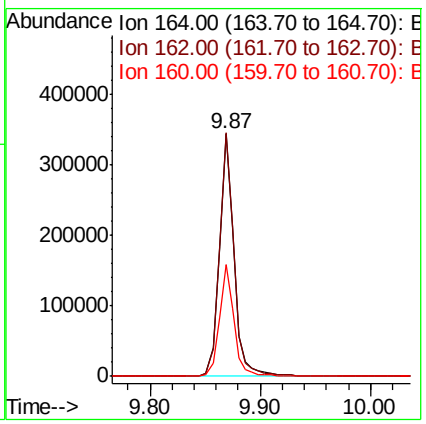


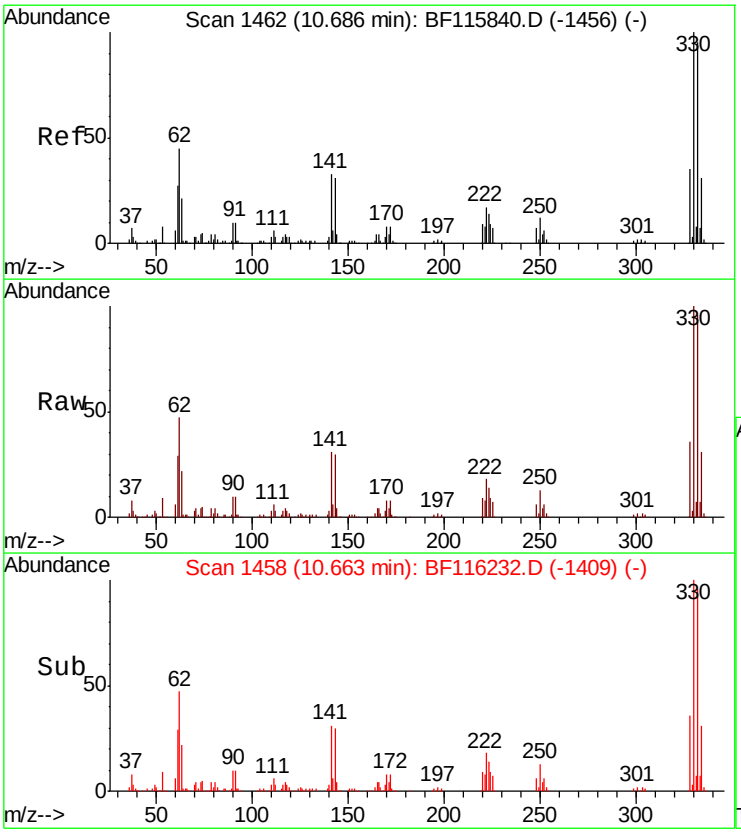
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:164 Resp: 317915

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	124.0
160	45.9	37.6	56.4

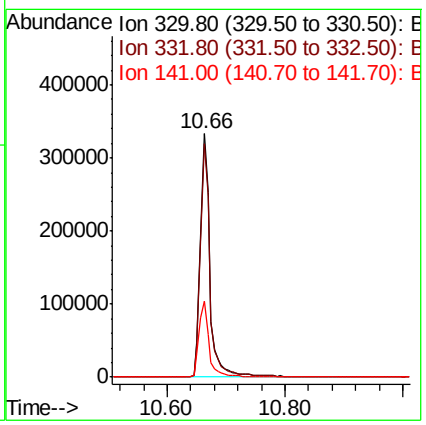


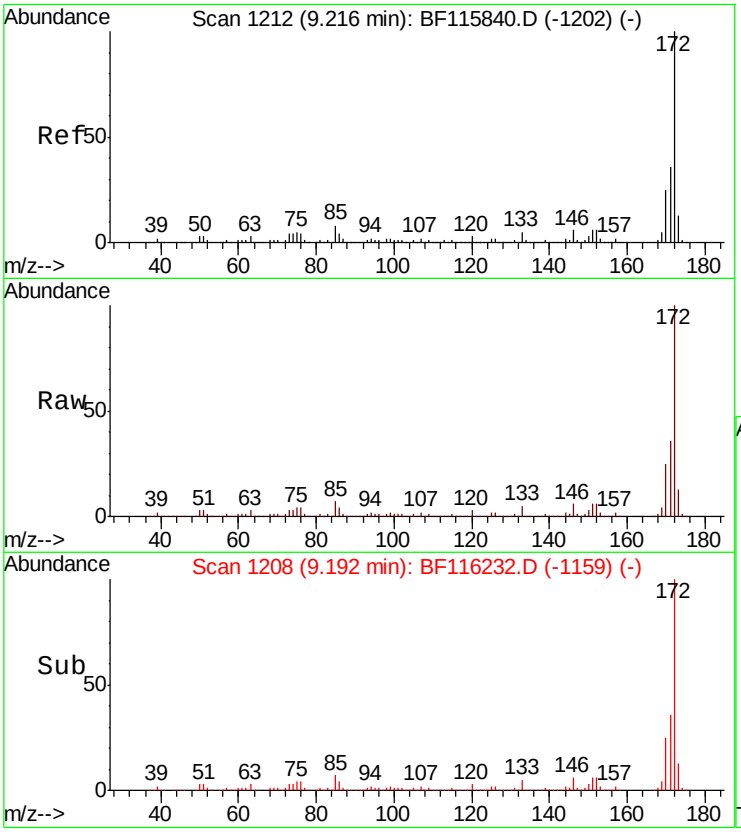


#42
2,4,6-Tribromophenol
Concen: 121.520 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:330 Resp: 374558

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	32.8	26.3	39.5



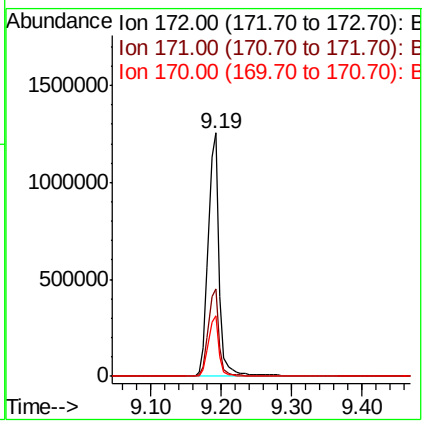


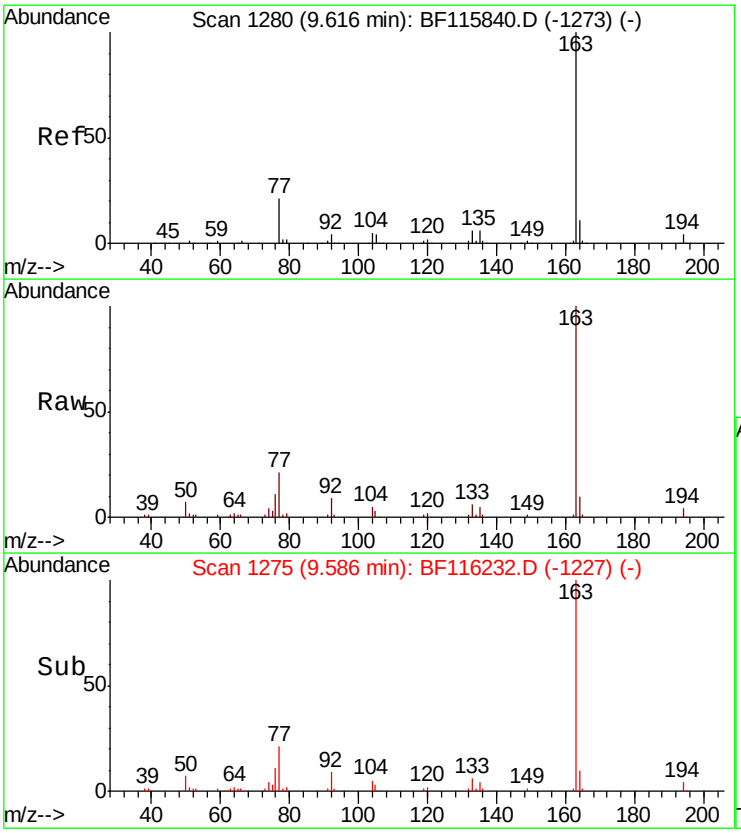
#45
2-Fluorobiphenyl
Concen: 80.289 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:172 Resp: 1362731

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.8	20.1	30.1

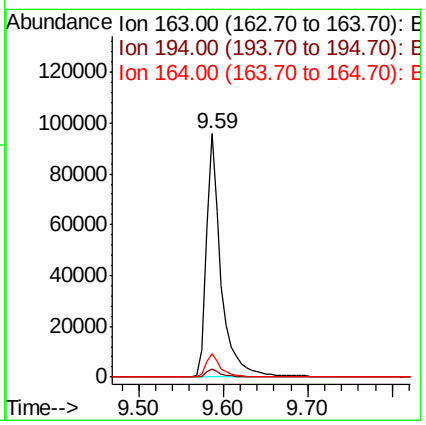


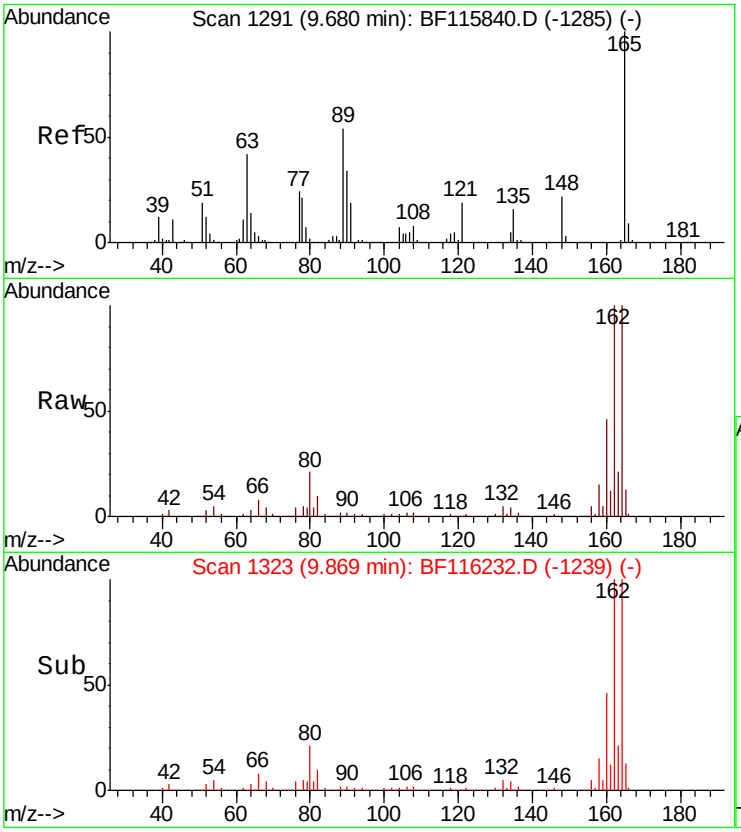


#50
Dimethylphthalate
Concen: 5.384 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:163 Resp: 116555

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	9.5	8.4	12.6



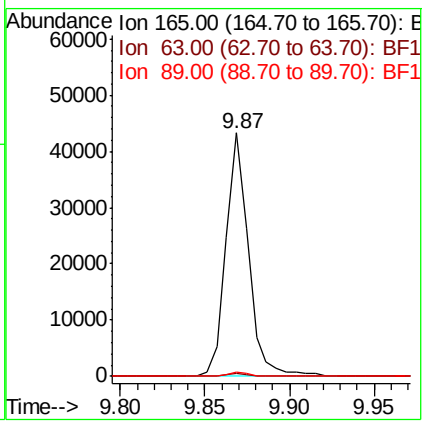


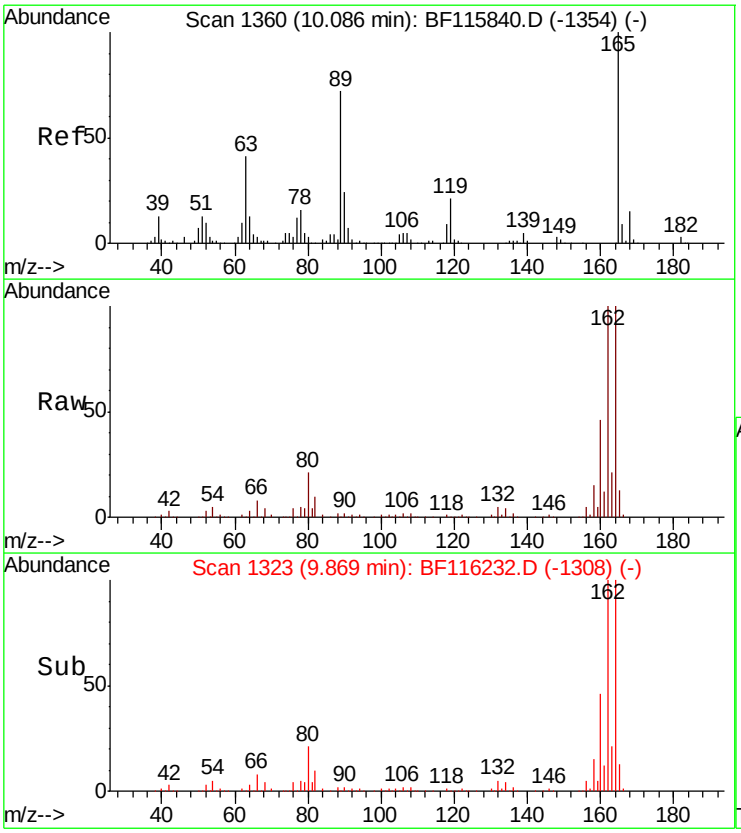
#51
2,6-Dinitrotoluene
Concen: 8.525 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:165 Resp: 40101

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.5	42.9	64.3#

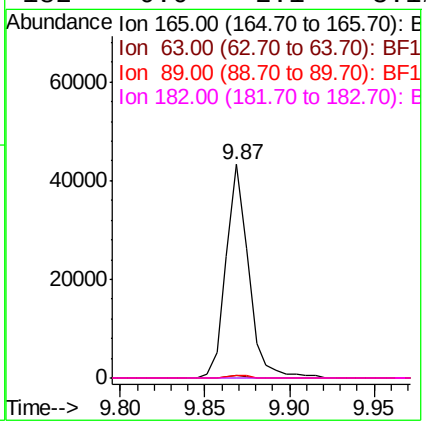


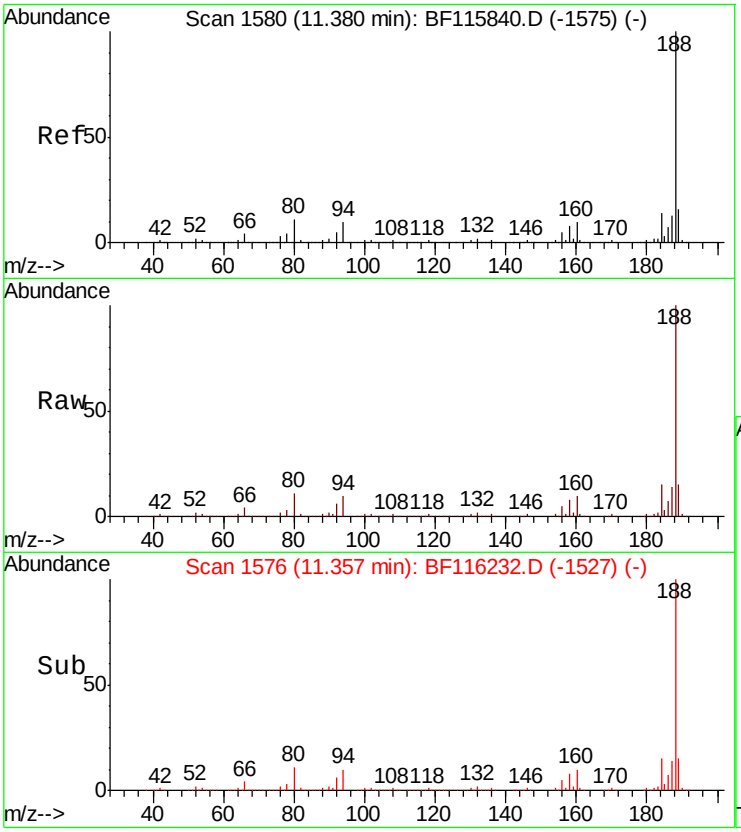


#57
2,4-Dinitrotoluene
Concen: 6.403 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:165 Resp: 40101

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#



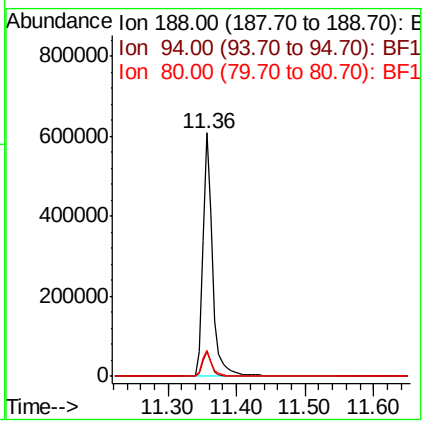


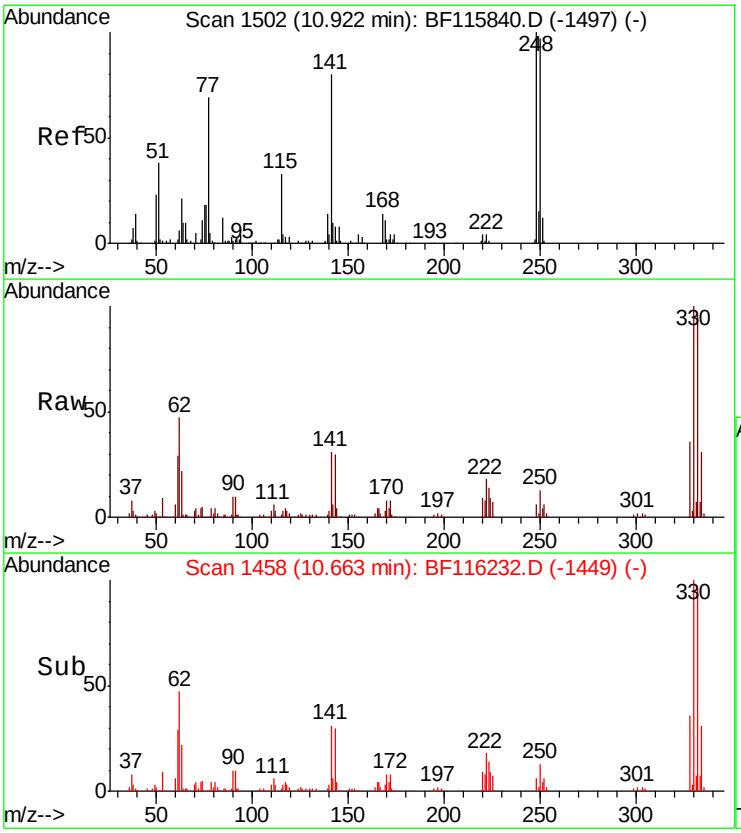
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:188 Resp: 614558

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.8	8.7	13.1

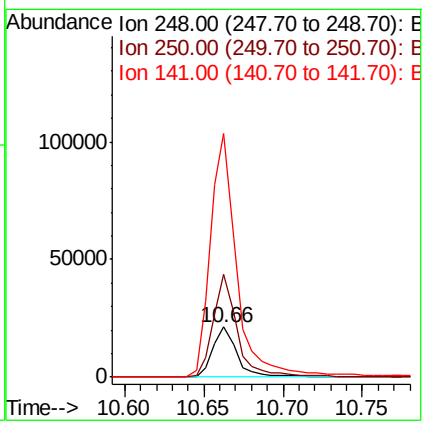


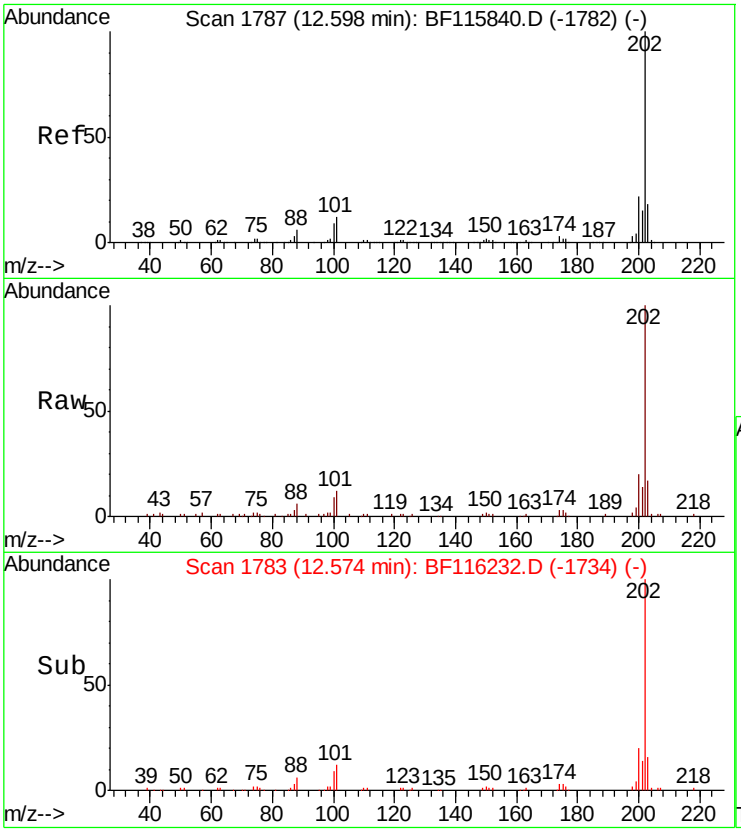


#67
4-Bromophenyl-phenylether
Concen: 3.429 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:248 Resp: 22559

Ion	Ratio	Lower	Upper
248	100		
250	206.2	77.4	116.2#
141	488.6	56.8	85.2#



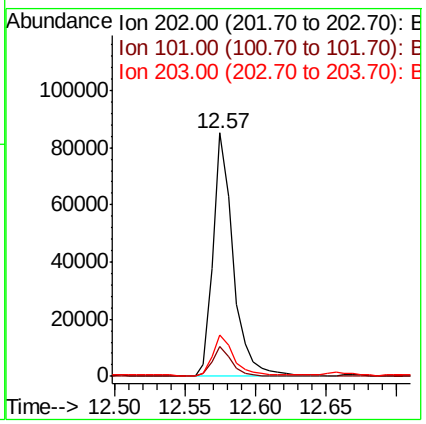


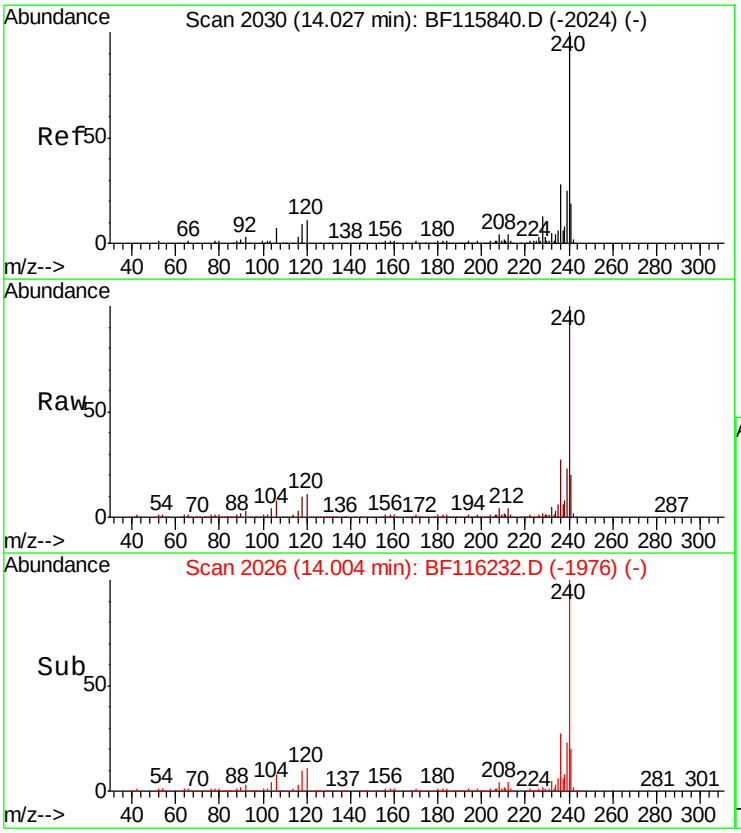
#75
Fluoranthene
Concen: 2.603 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:202 Resp: 85614

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
203	17.1	0.0	37.8

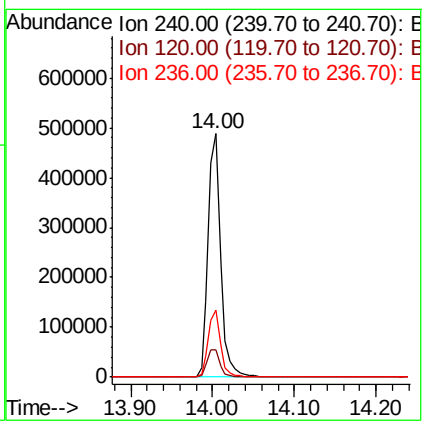


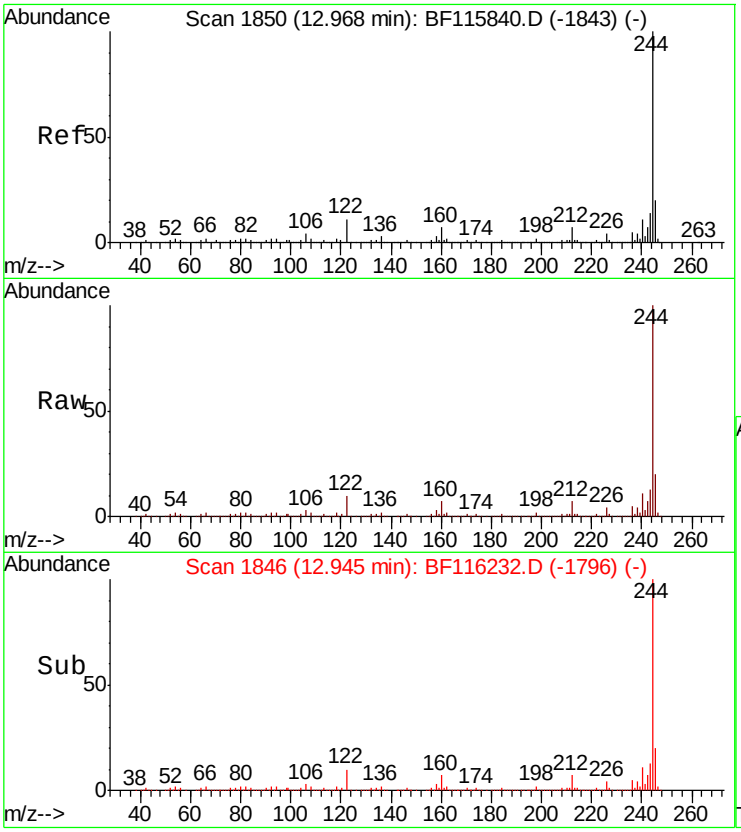


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:240 Resp: 518489

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.7	16.1
236	27.4	22.2	33.2



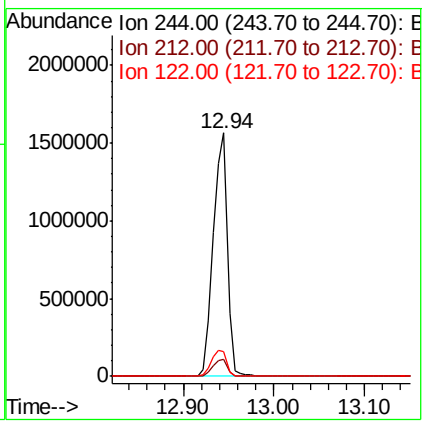


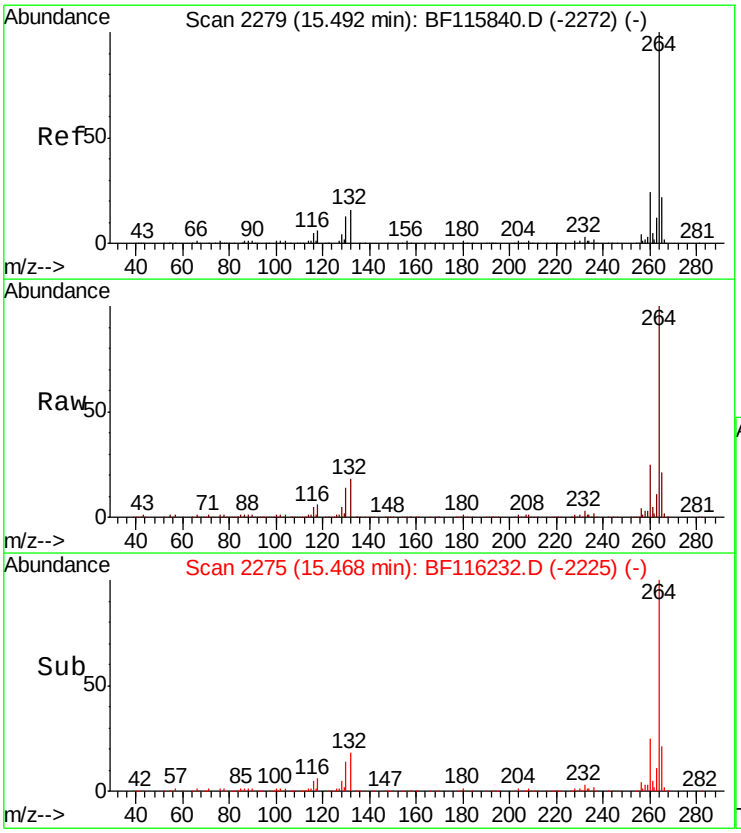
#79
Terphenyl-d14
Concen: 68.559 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:244 Resp: 1686963

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.4	9.0	13.4

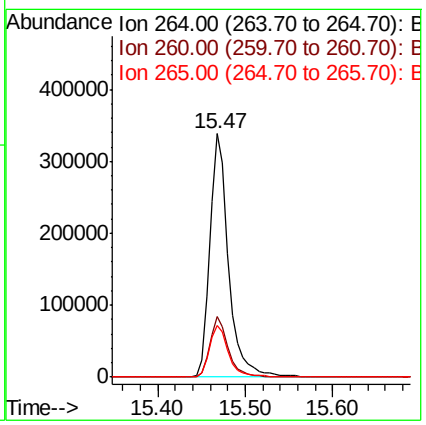


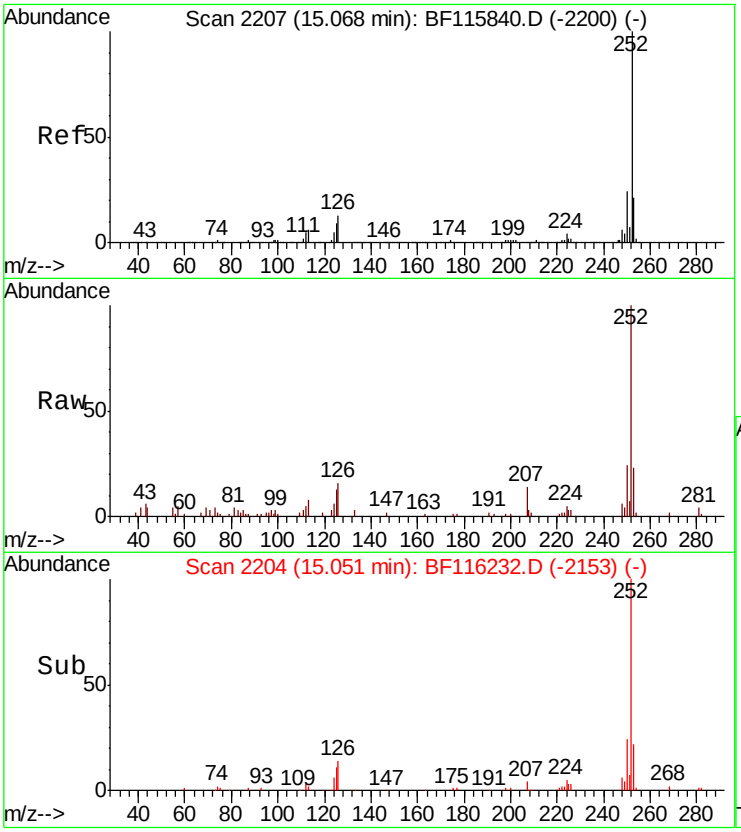


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:264 Resp: 501558

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.4	17.4	26.0



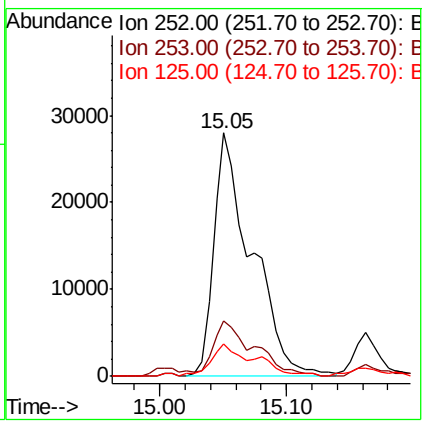


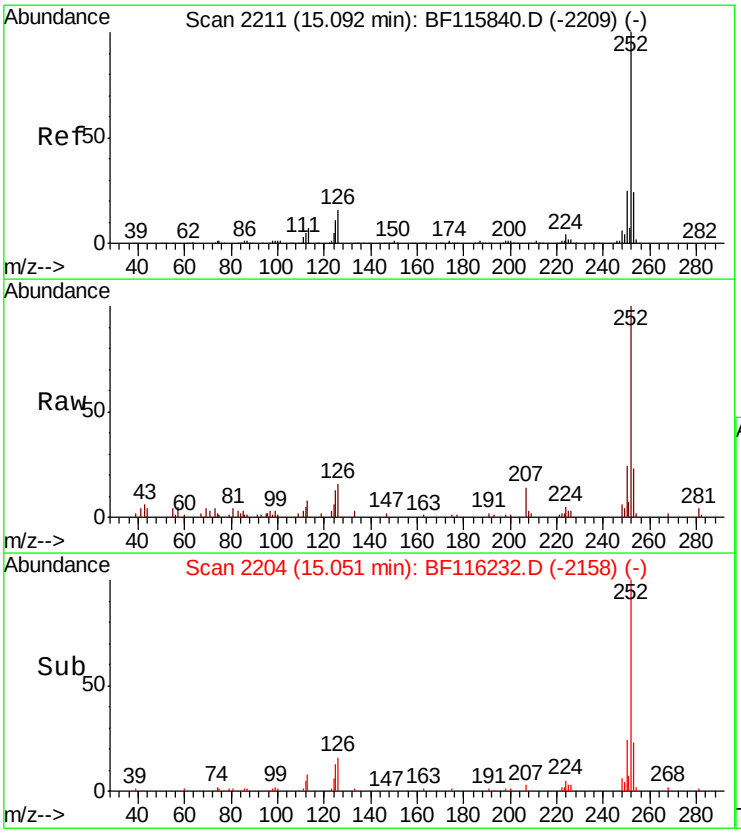
#88
Benzo(b)fluoranthene
Concen: 2.016 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tgt Ion:252 Resp: 58464

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.1	8.4	12.6#





#89
Benzo(k)fluoranthene
Concen: 2.070 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:252 Resp: 58464

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.1	7.7	11.5#