Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115476.D
Acq On : 11 Jul 2019 00:48
Operator : HP/JU
Sample : K3687-02RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-RBR-251685RE

Quant Time: Jul 11 07:56:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137269	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	545001	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266019	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	495995	20.00	ng	0.00
76) Chrysene-d12	14.05	240	363646	20.00	ng	-0.02
87) Perylene-d12	15.53	264	424204	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	202431	22.78	ng	0.00
7) Phenol-d6	6.52	99	680346	60.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	519359	56.30	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	5977	2.03	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1005823	66.35	ng	0.00
79) Terphenyl-d14	13.00	244	1043970	58.78	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	96215	4.819	ng	99

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

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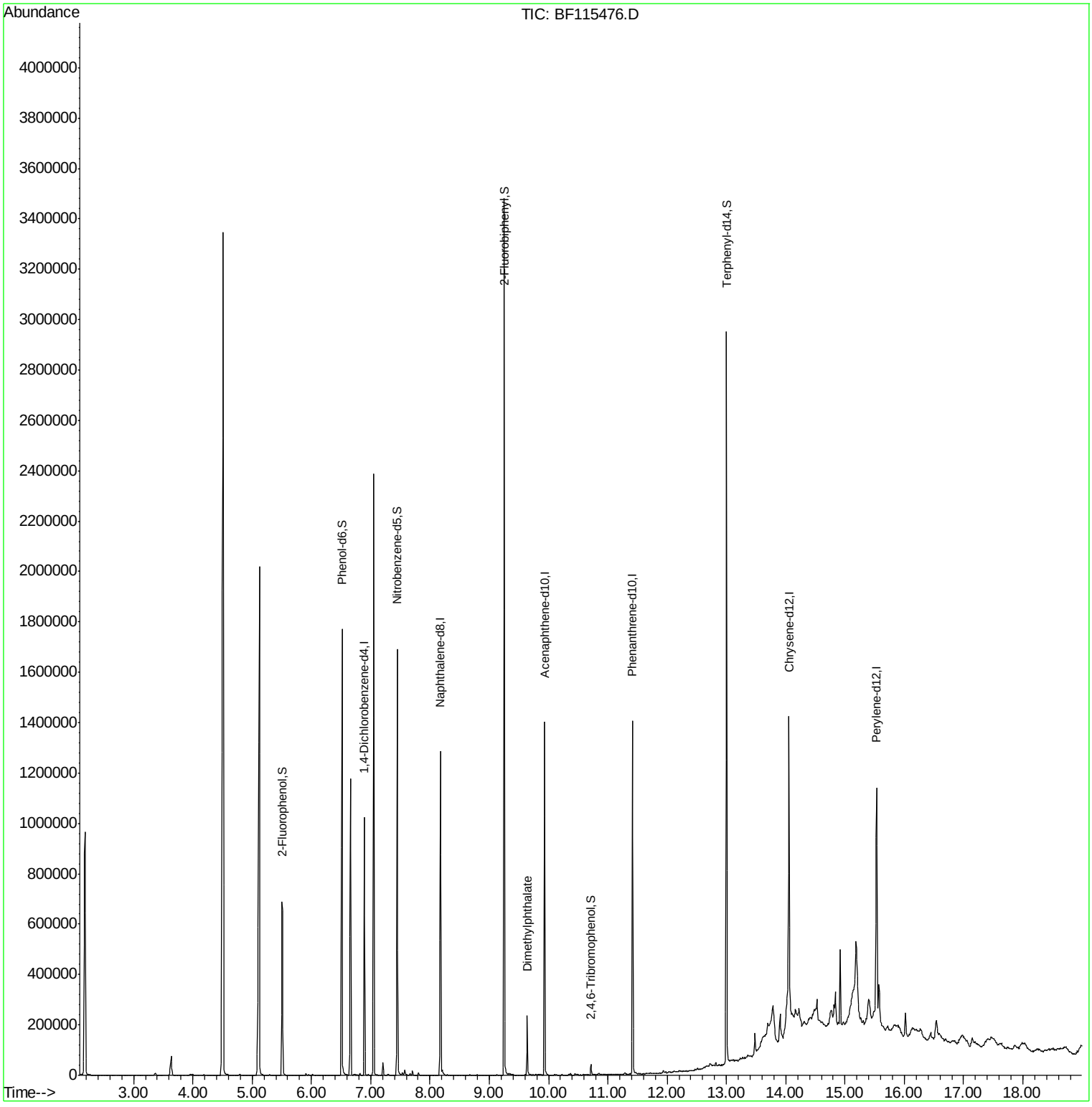
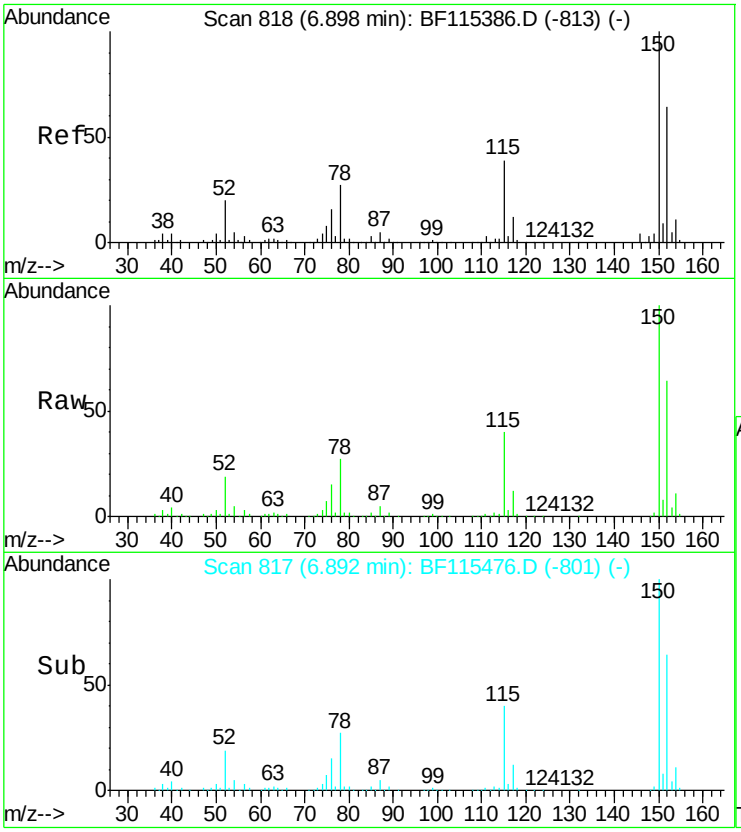


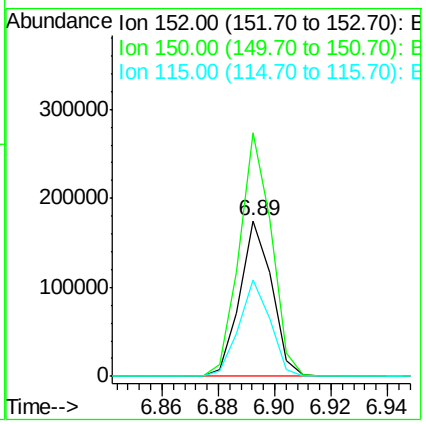


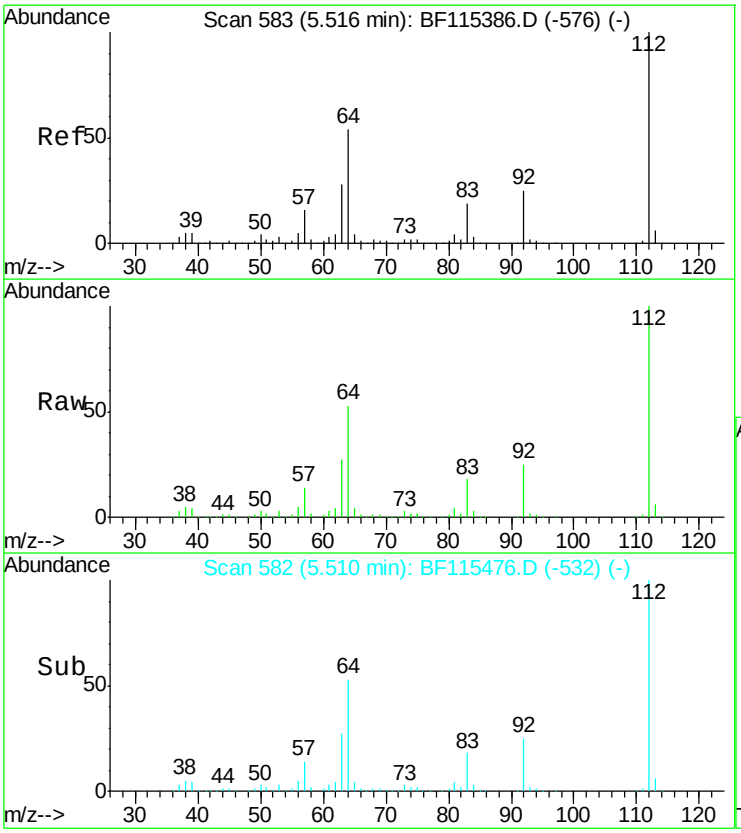
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion:152 Resp: 137269

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.2
115	62.1	46.2	69.4

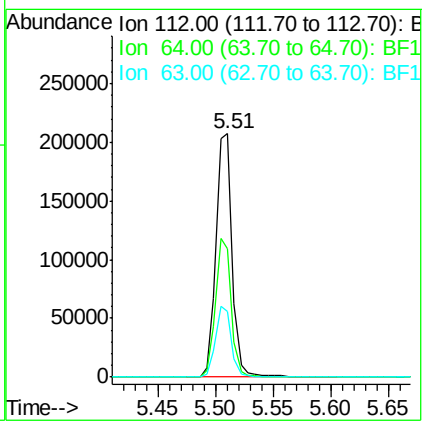


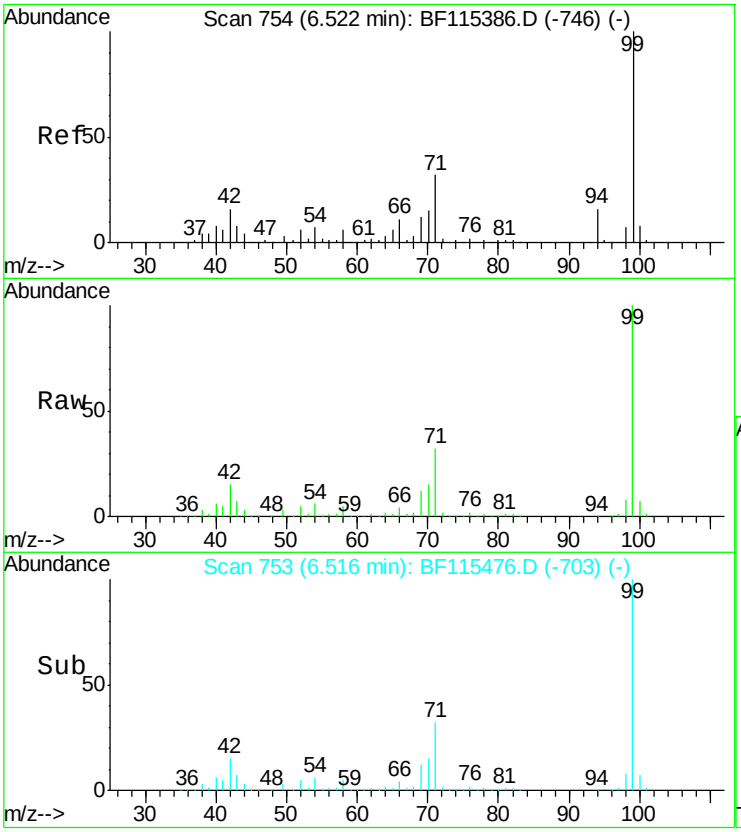


#5
2-Fluorophenol
Concen: 22.785 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Tgt Ion:112 Resp: 202431

Ion	Ratio	Lower	Upper
112	100		
64	52.7	44.2	66.2
63	27.1	22.1	33.1



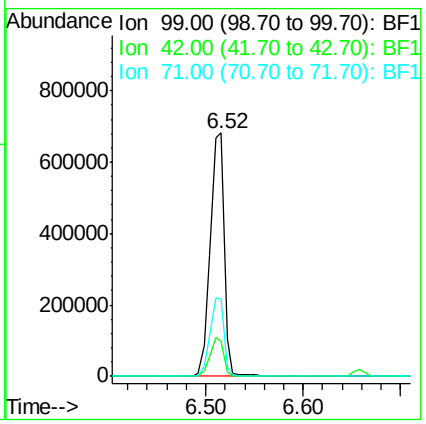


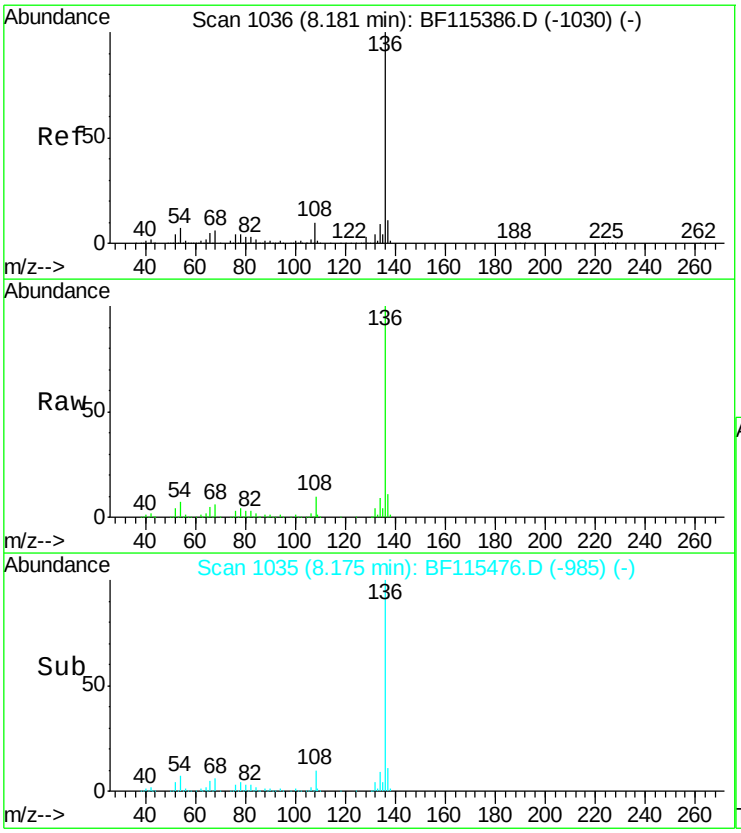
#7
Phenol-d6
Concen: 60.211 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion: 99 Resp: 680346

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	31.6	26.5	39.7

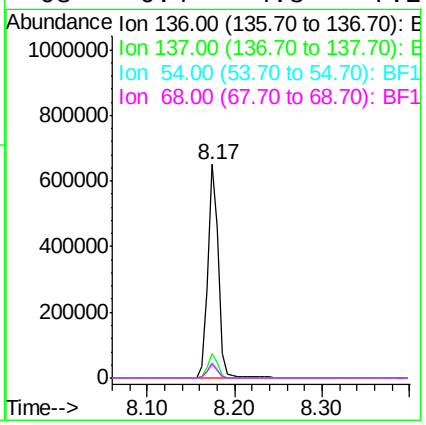


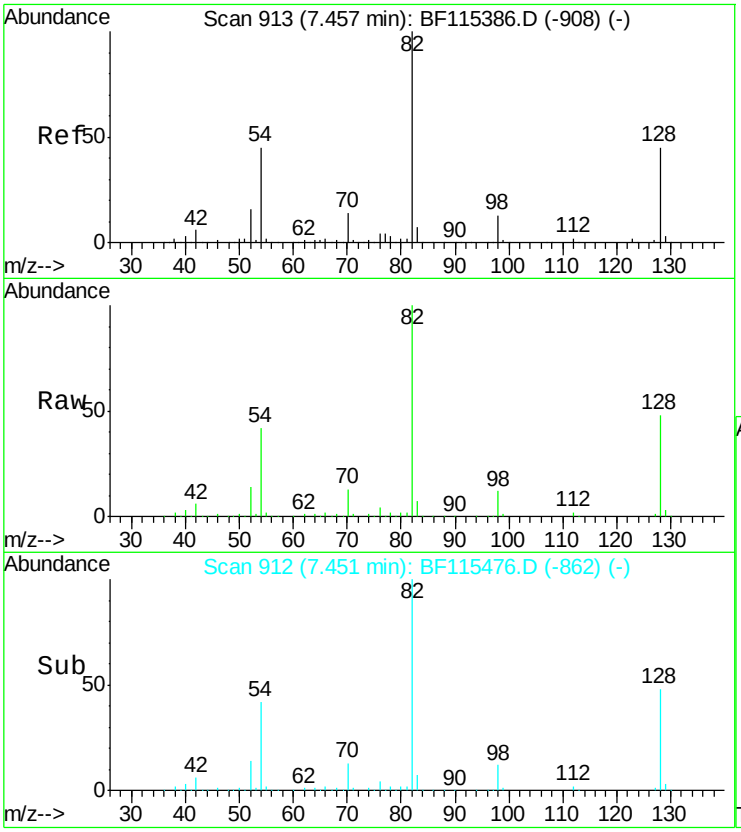


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Tgt Ion:136 Resp: 545001

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.0	5.4	8.0
68	6.4	4.8	7.2



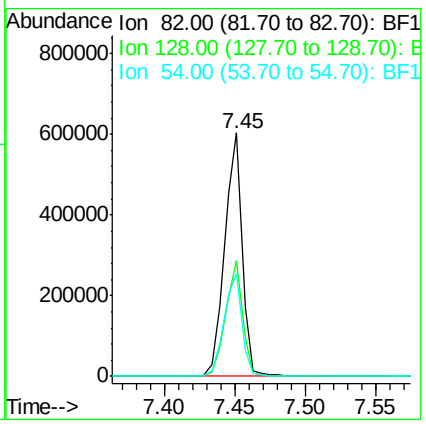


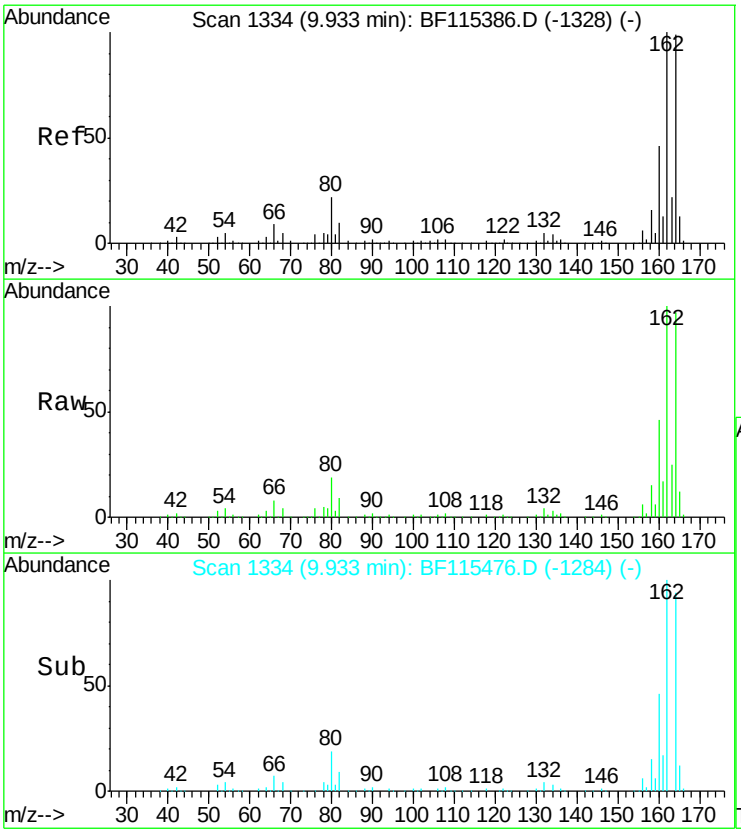
#23
Nitrobenzene-d5
Concen: 56.303 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion: 82 Resp: 519359

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.7	55.1
54	42.4	35.6	53.4

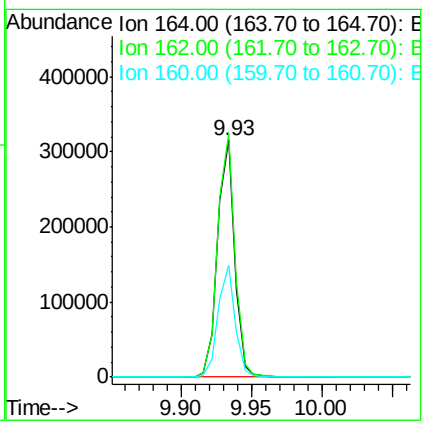


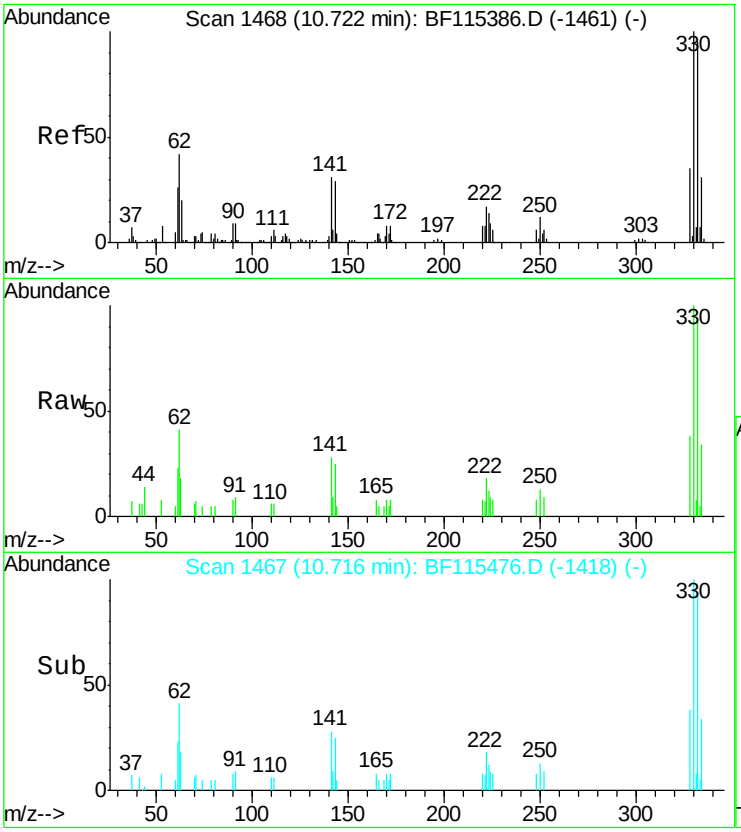


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Tgt Ion:164 Resp: 266019

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.3	123.5
160	47.1	37.2	55.8



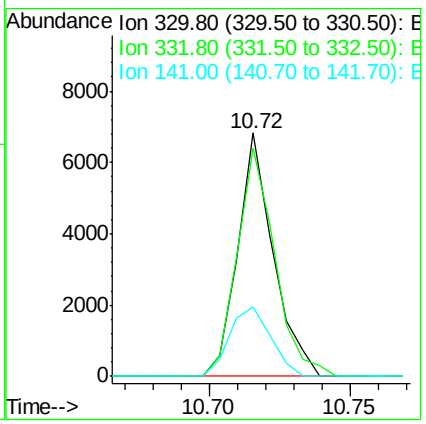


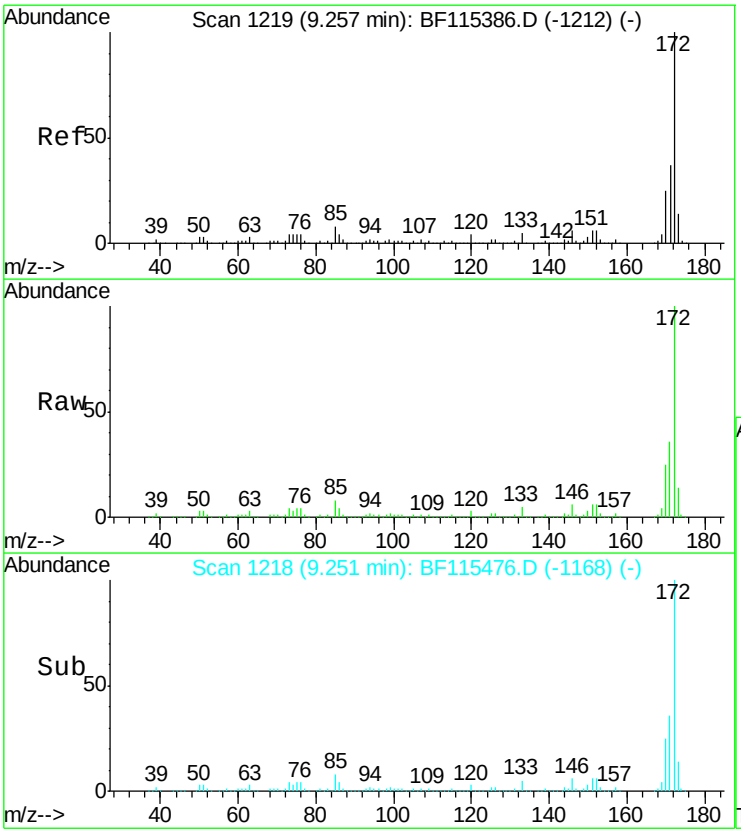
#42
2,4,6-Tribromophenol
Concen: 2.032 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion:330 Resp: 5977

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.0
141	32.9	24.7	37.1

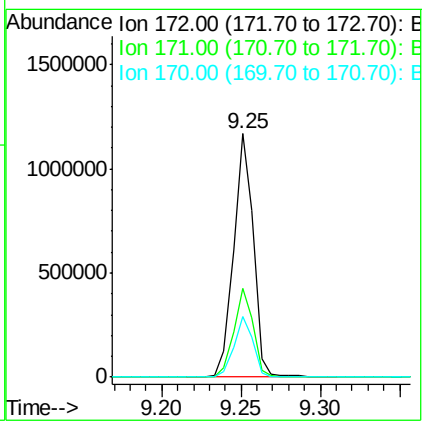


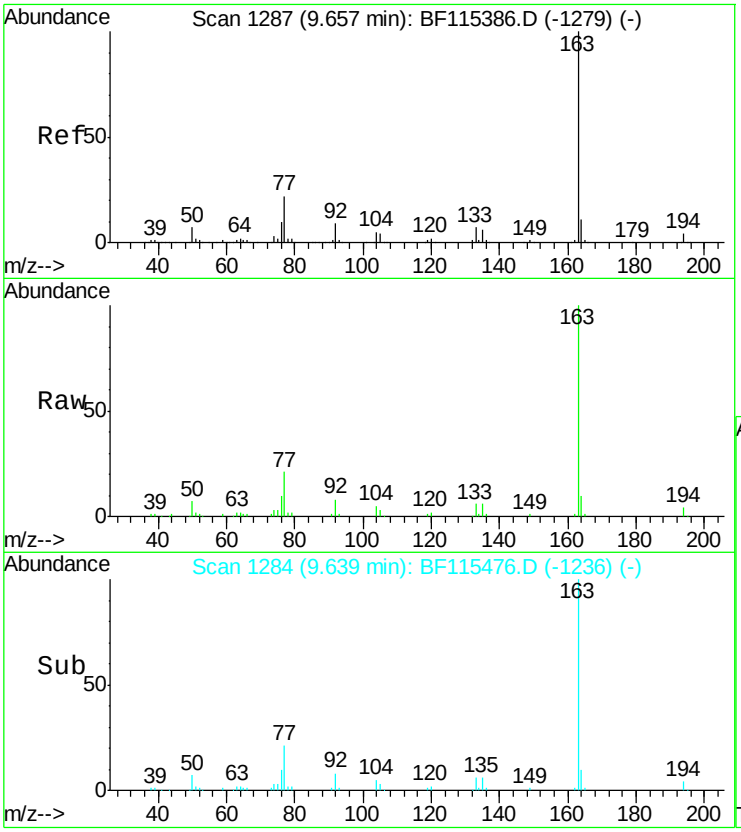


#45
2-Fluorobiphenyl
Concen: 66.347 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Tgt Ion:172 Resp: 1005823

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.8
170	24.7	20.0	30.0



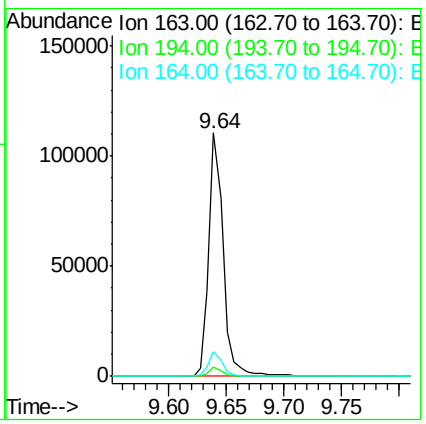


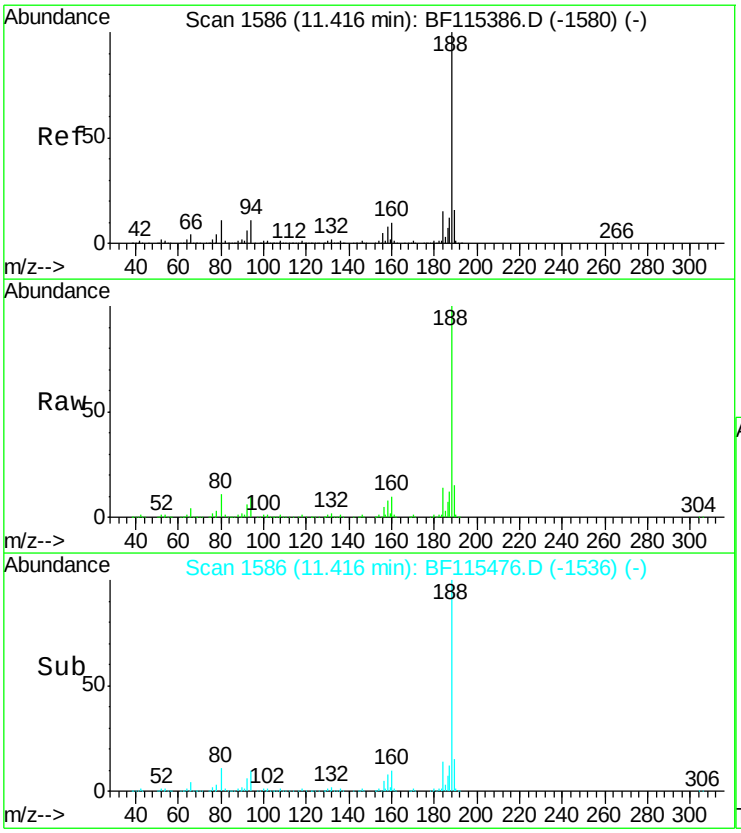
#50
Dimethylphthalate
Concen: 4.819 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion:163 Resp: 96215

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.2	8.6	13.0

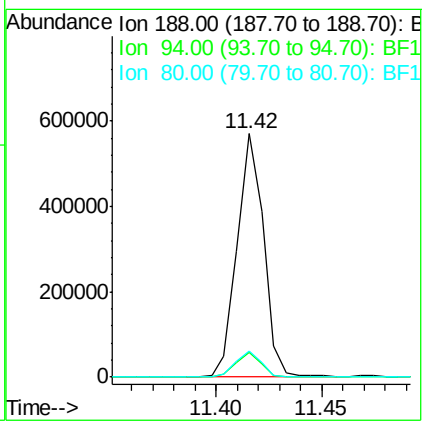


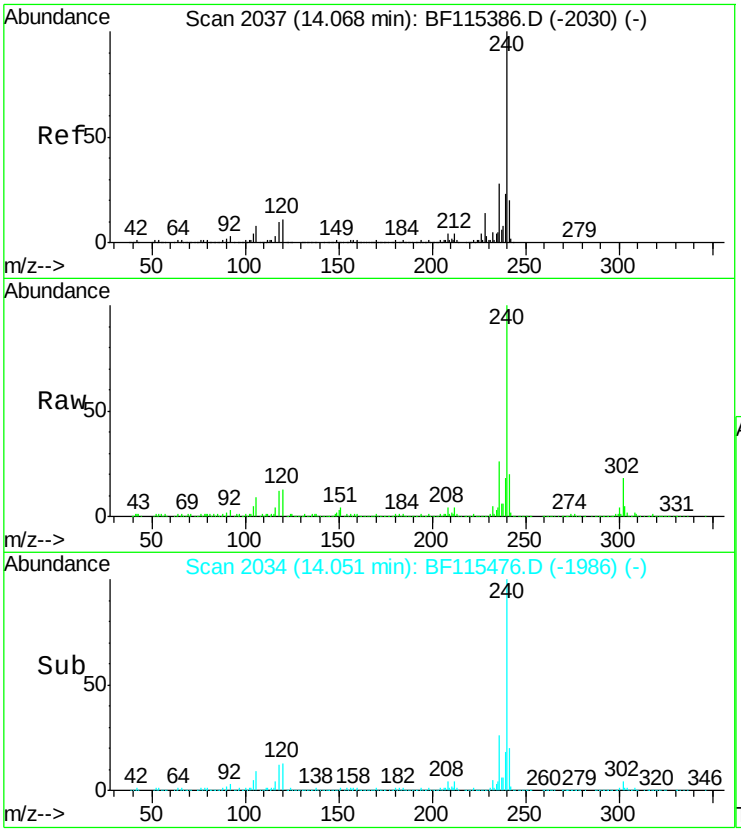


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Tgt Ion:188 Resp: 495995

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.8
80	10.8	8.4	12.6



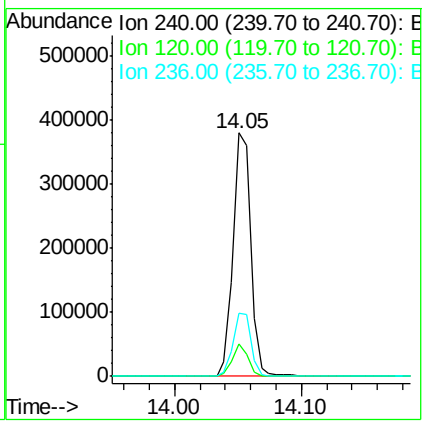


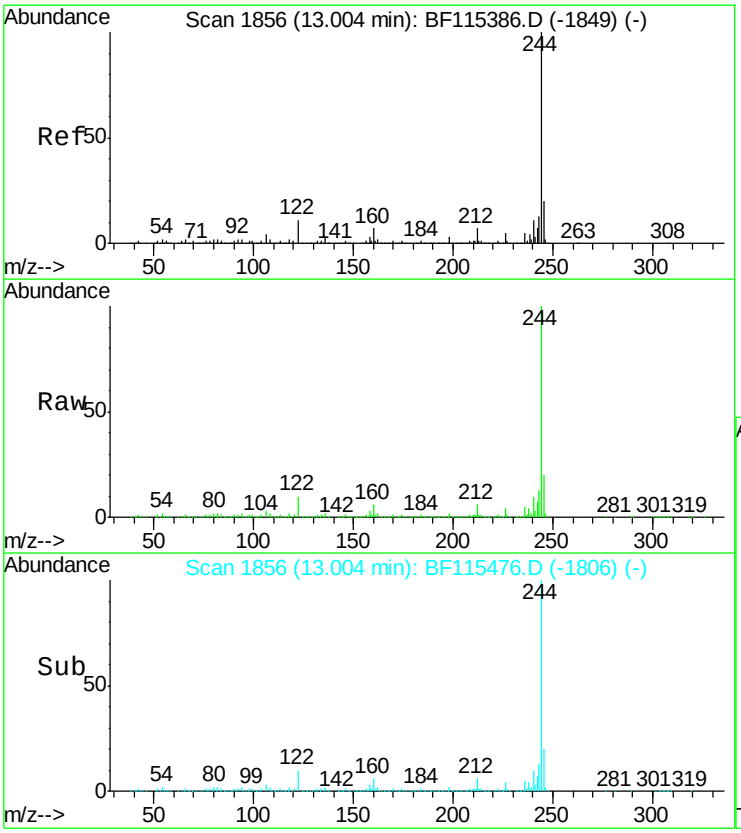
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion:240 Resp: 363646

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.2	15.4
236	26.0	21.1	31.7

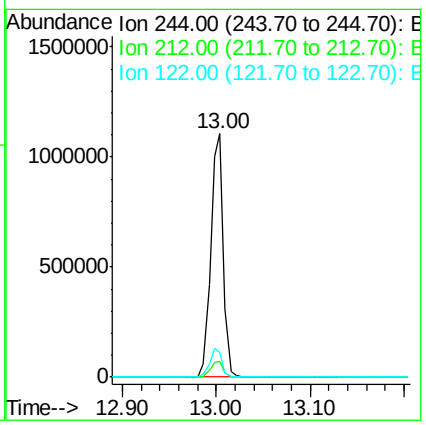


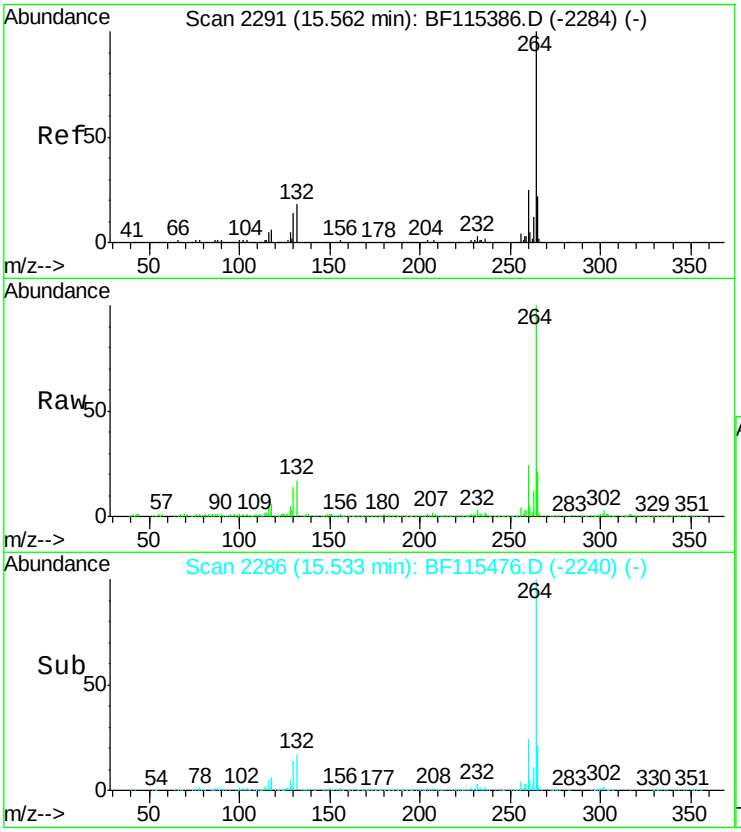


#79
Terphenyl-d14
Concen: 58.781 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Tgt Ion:244 Resp: 1043970

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	10.2	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion:264 Resp: 424204

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.4	17.8	26.6