Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112526.D
Acq On : 13 Feb 2019 00:16
Operator : JU/SJ
Sample : K1343-19 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-J

Quant Time: Feb 13 03:42:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104284	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	376396	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	154926	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	276335	20.00	ng		0.00
76) Chrysene-d12	14.02	240	238516	20.00	ng		0.00
87) Perylene-d12	15.50	264	178991	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	141430	28.81	ng		0.00
7) Phenol-d6	6.49	99	176435	25.86	ng		0.00
23) Nitrobenzene-d5	7.40	82	93698	14.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	38306	21.24	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	187515	17.12	ng		-0.01
79) Terphenyl-d14	12.95	244	186913	14.76	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	11.39	178	45389	3.159	ng		98
75) Fluoranthene	12.59	202	67832	4.402	ng		96
78) Pyrene	12.82	202	57607	3.488	ng		100
88) Benzo(b)fluoranthene	15.07	252	32569	3.043	ng	#	65
89) Benzo(k)fluoranthene	15.07	252	32569	3.176	ng	#	66

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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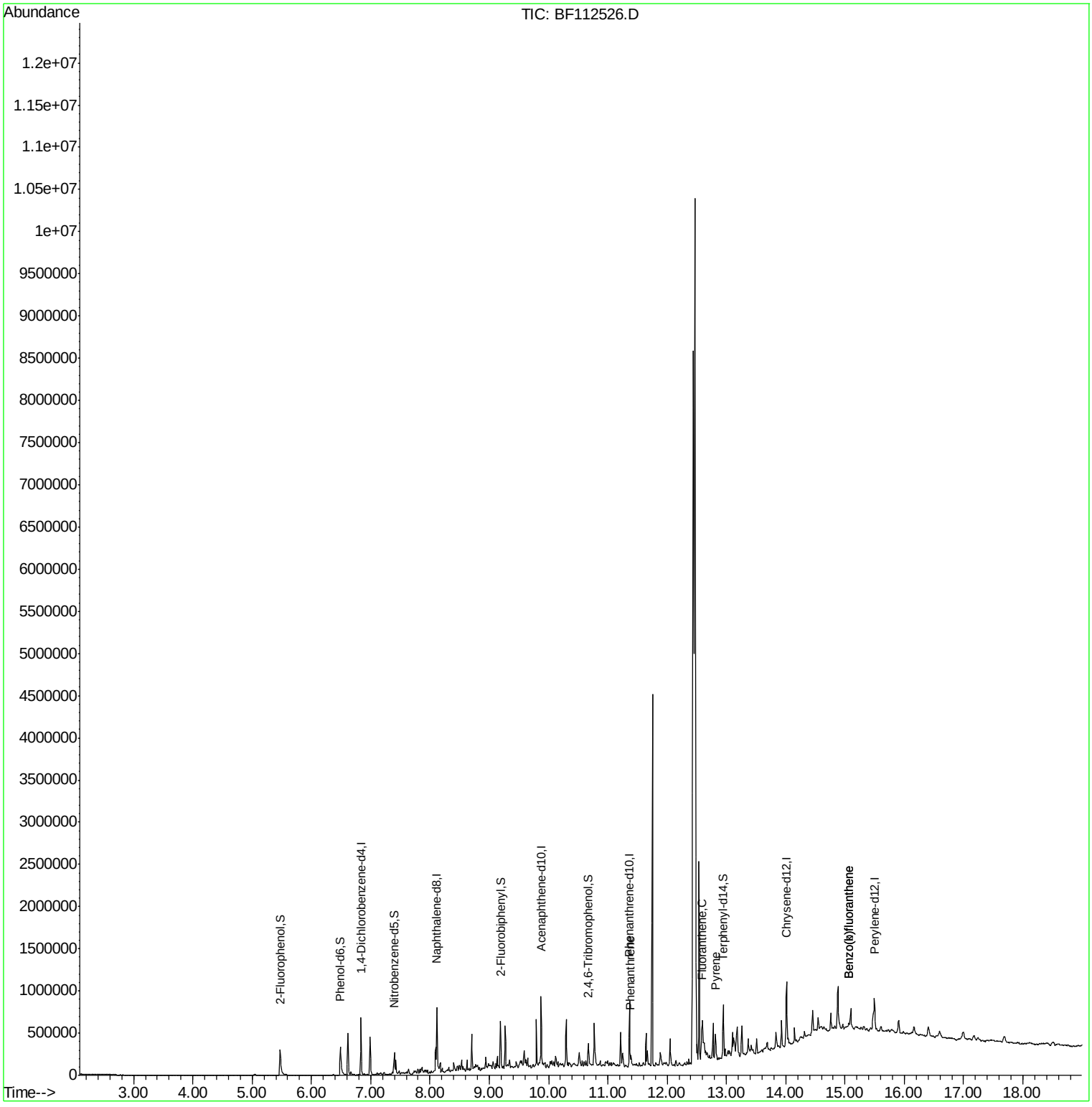
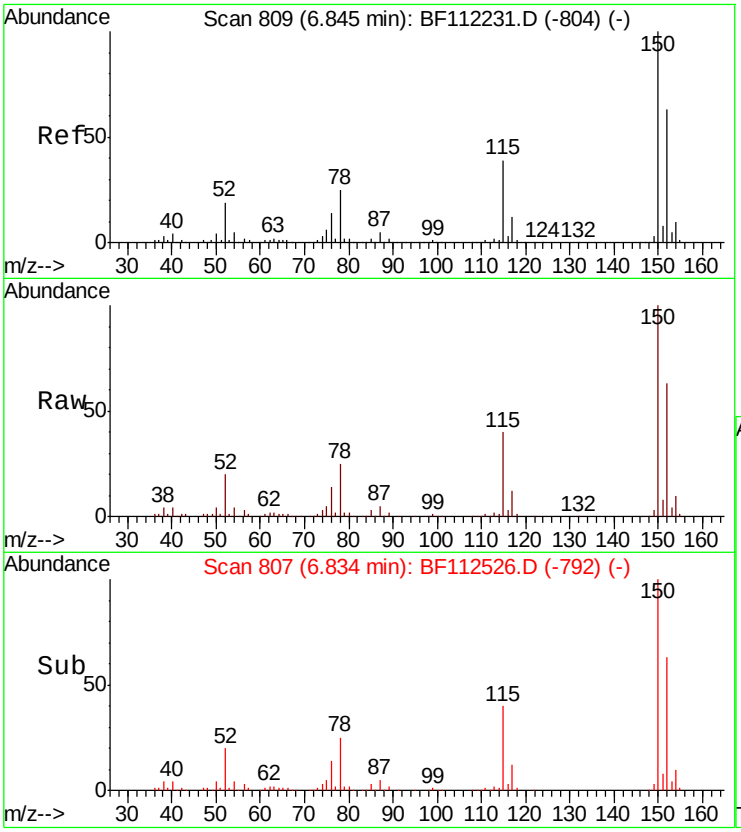


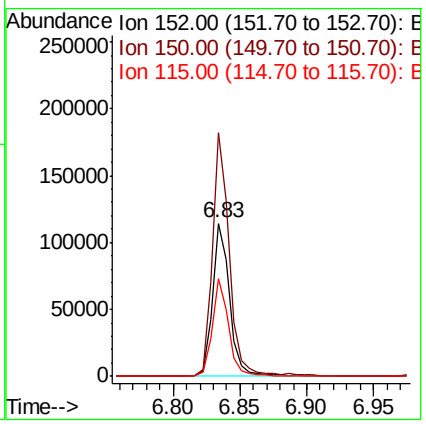


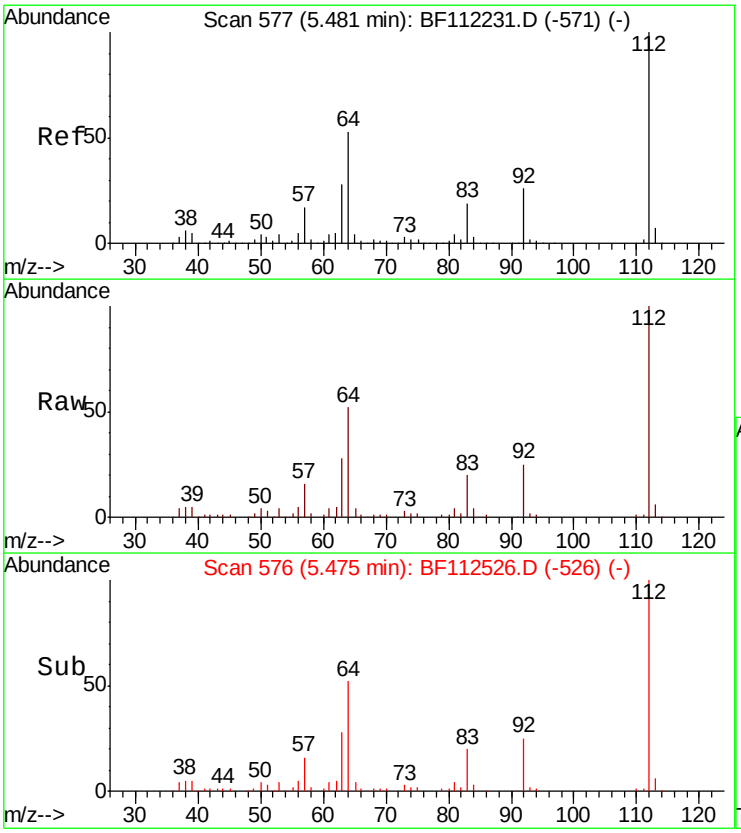
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:152 Resp: 104284

Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.4	191.0
115	63.7	45.5	68.3

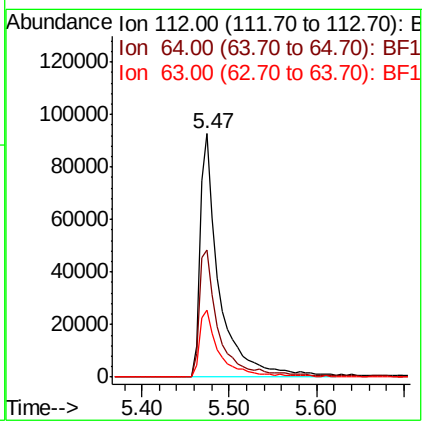


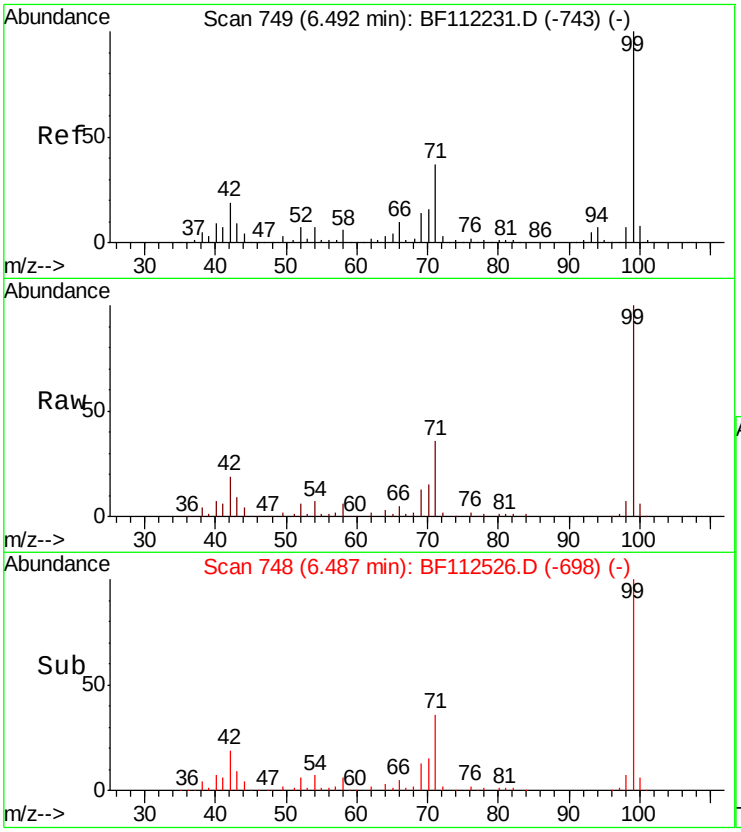


#5
2-Fluorophenol
Concen: 28.807 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:112 Resp: 141430

Ion	Ratio	Lower	Upper
112	100		
64	52.3	45.7	68.5
63	27.6	23.6	35.4



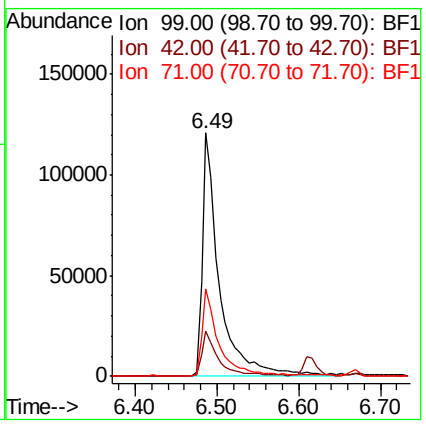


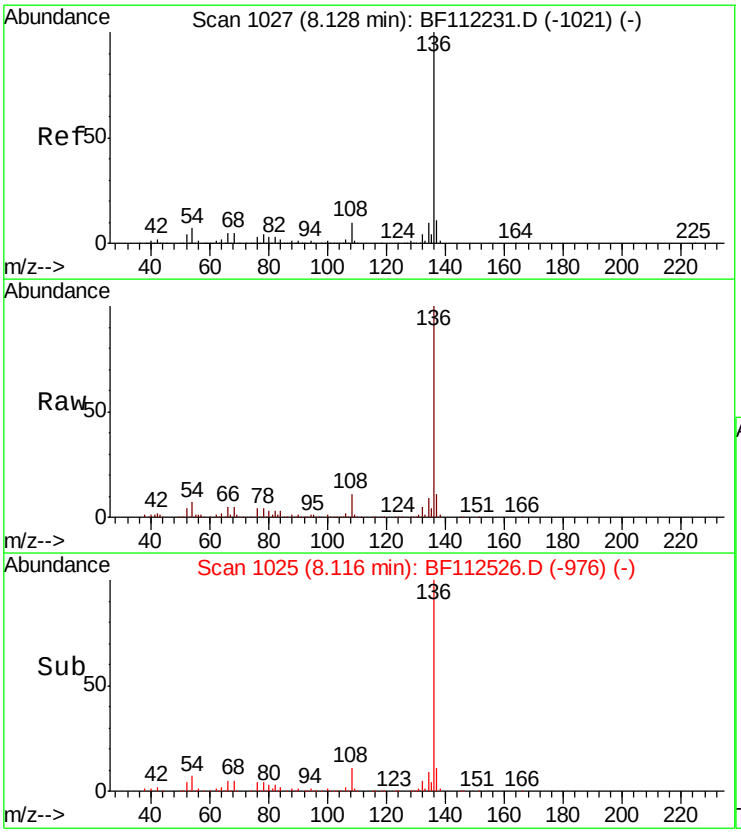
#7
Phenol-d6
Concen: 25.862 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion: 99 Resp: 176435

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.1	22.7
71	35.9	26.9	40.3

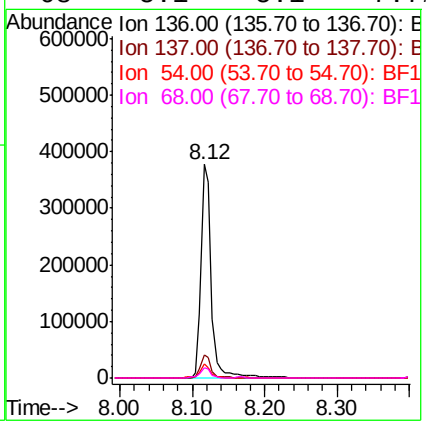


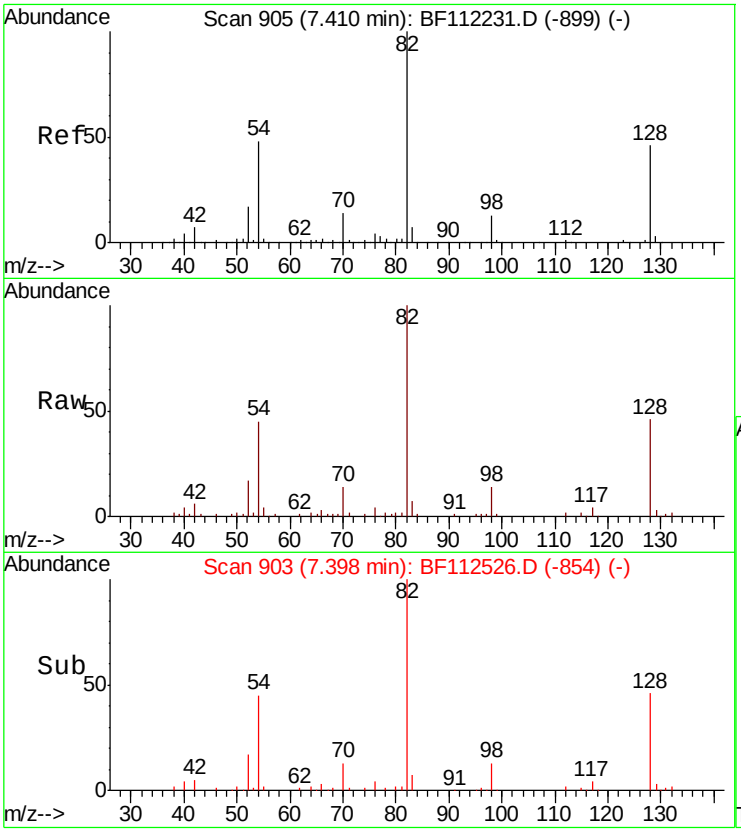


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:136 Resp: 376396

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.6	5.9	8.9
68	5.1	5.1	7.7#



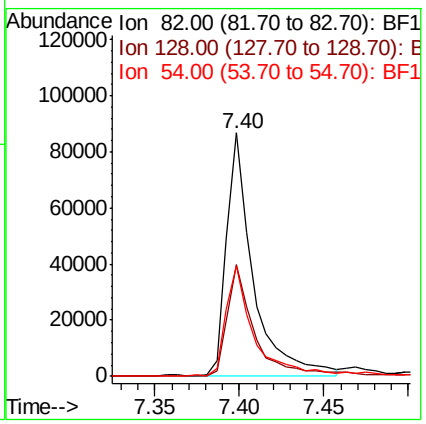


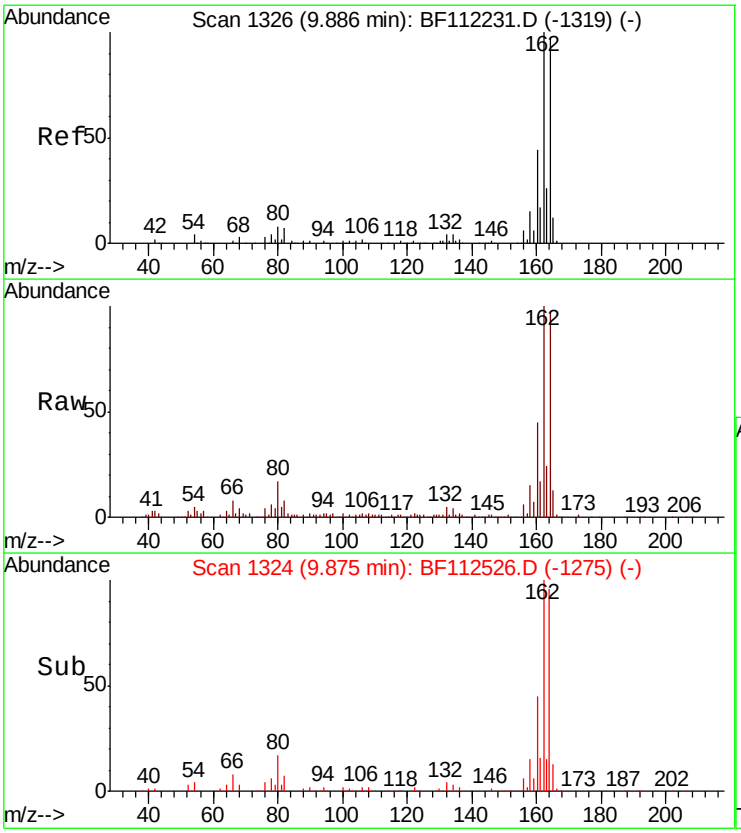
#23
Nitrobenzene-d5
Concen: 14.344 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion: 82 Resp: 93698

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	45.2	39.7	59.5

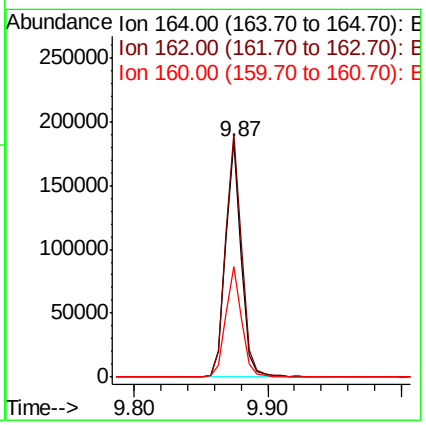


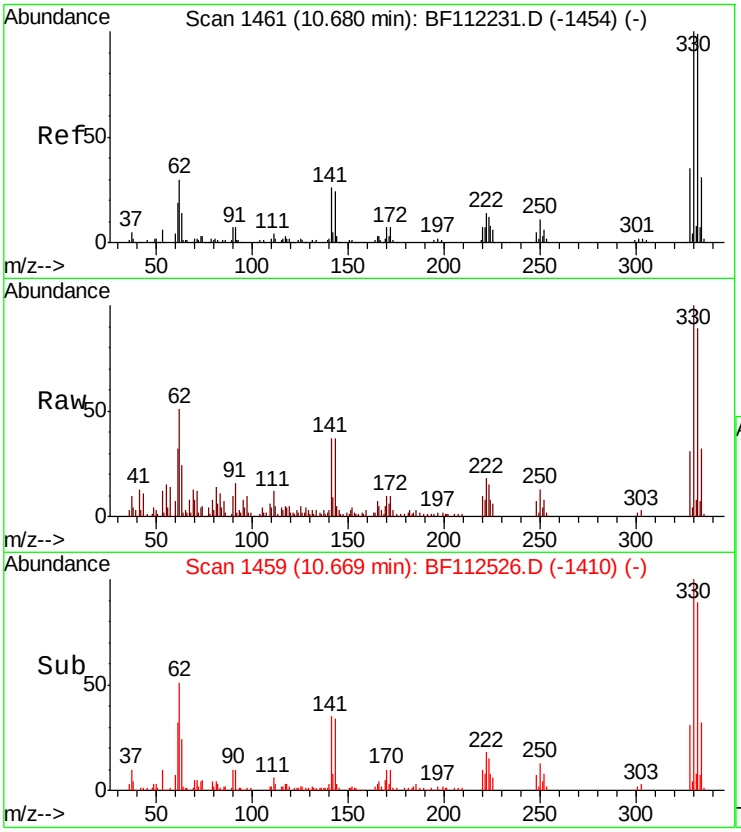


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:164 Resp: 154926

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.4
160	46.7	36.2	54.4



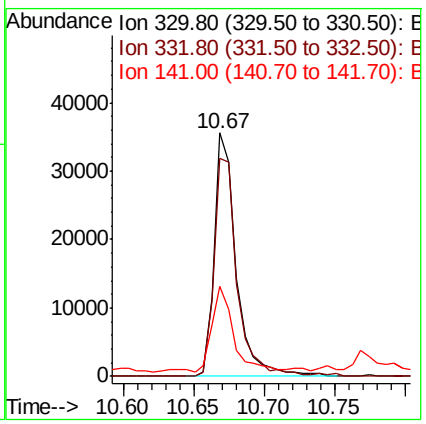


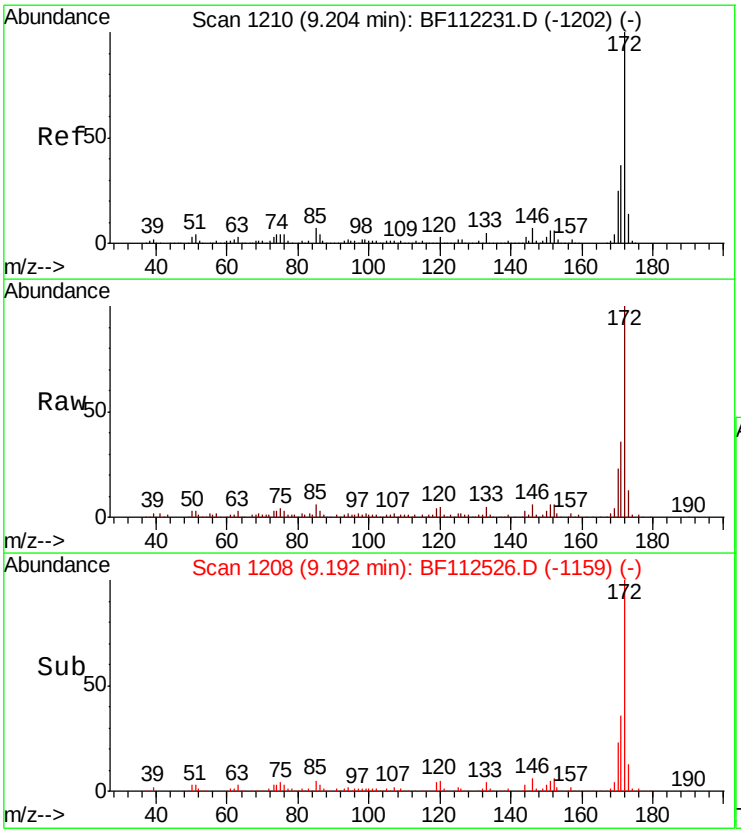
#42
2,4,6-Tribromophenol
Concen: 21.242 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:330 Resp: 38306

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	37.6	24.3	36.5#

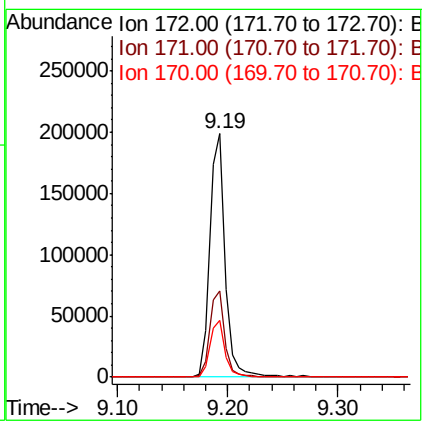


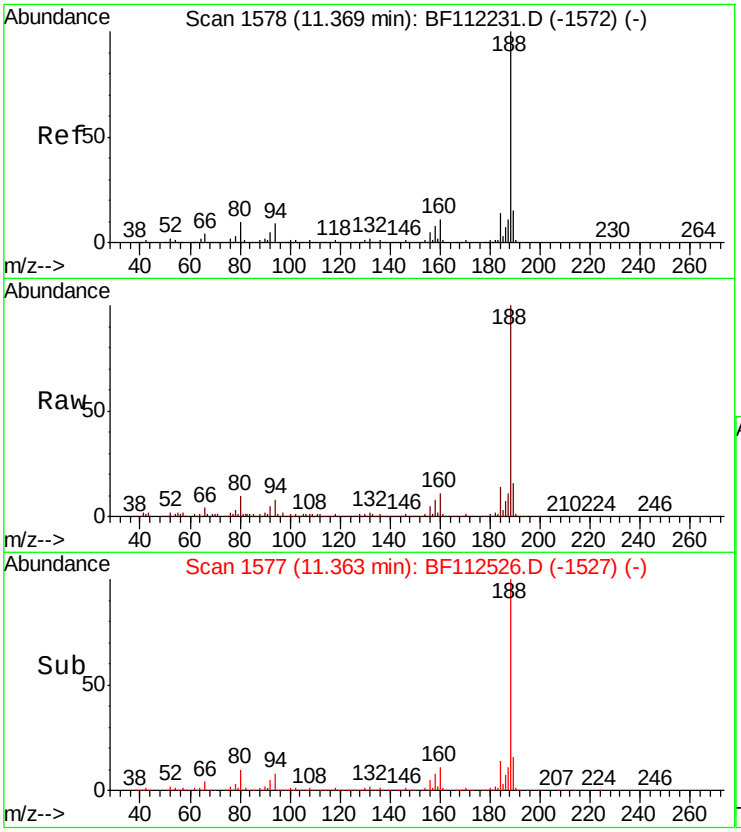


#45
2-Fluorobiphenyl
Concen: 17.118 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:172 Resp: 187515

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.3	20.2	30.4



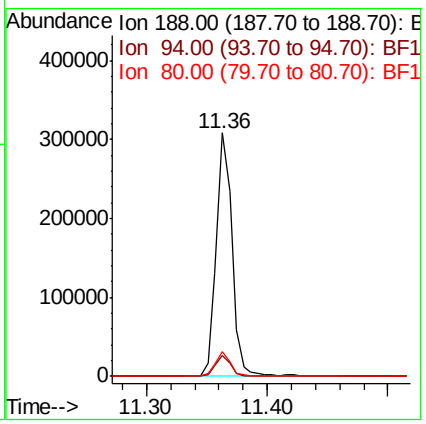


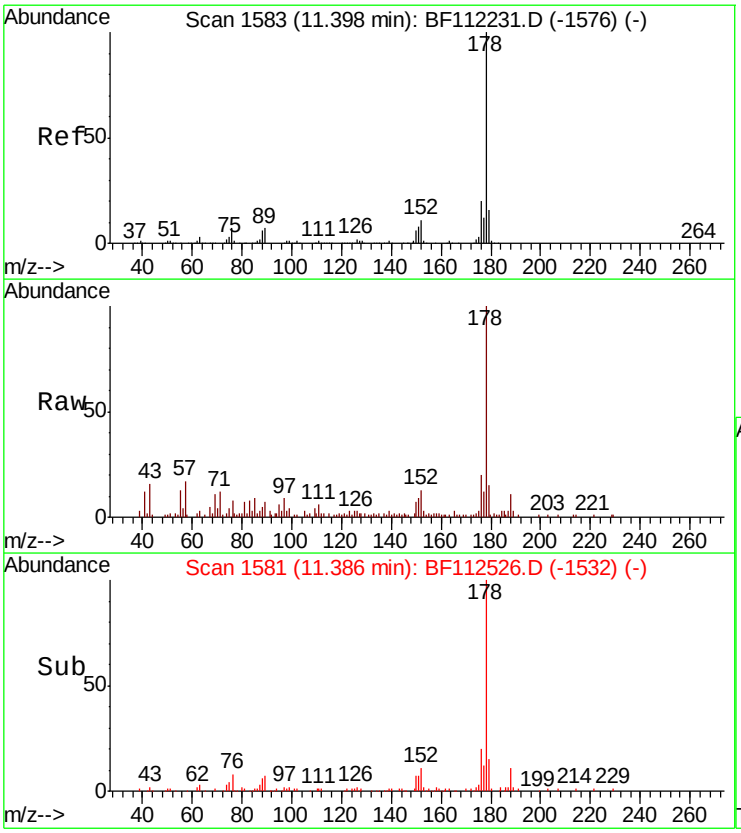
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:188 Resp: 276335

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.9	8.9	13.3

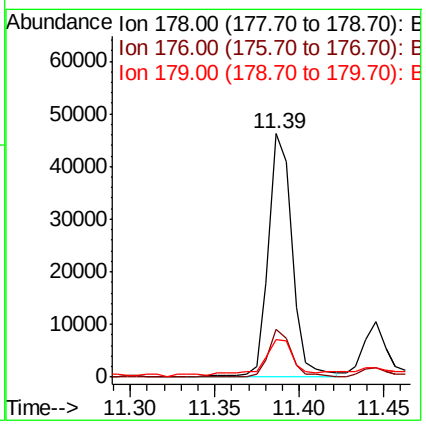


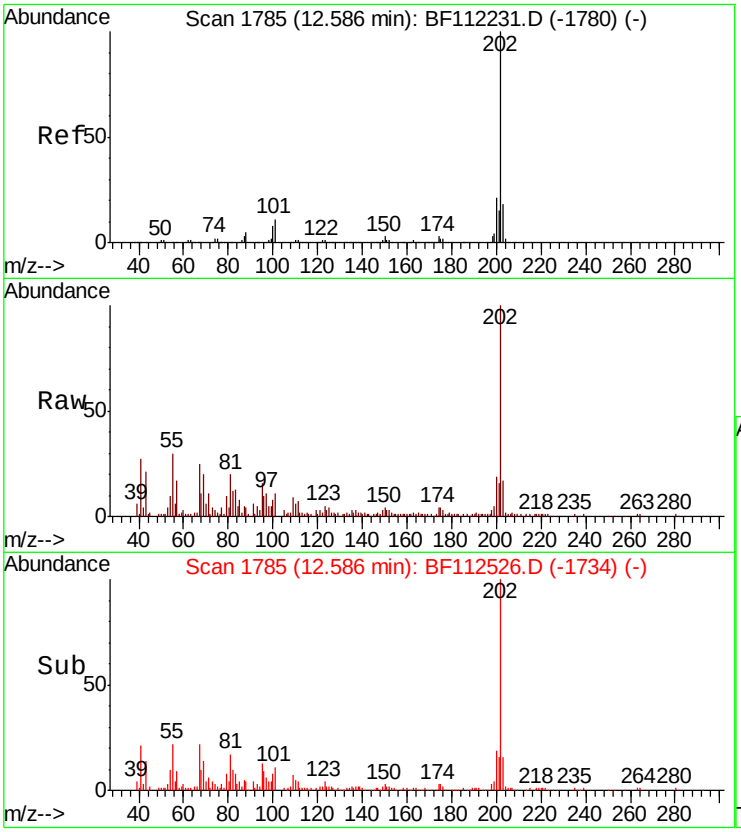


#71
Phenanthrene
Concen: 3.159 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:178 Resp: 45389

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.5	13.0	19.4



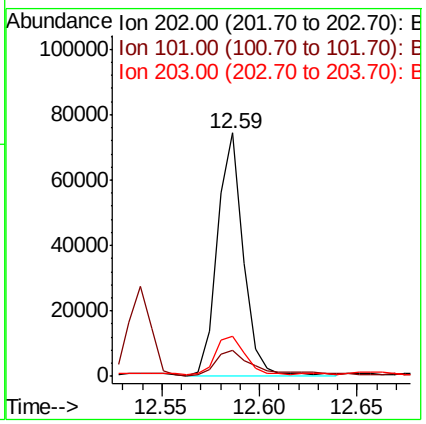


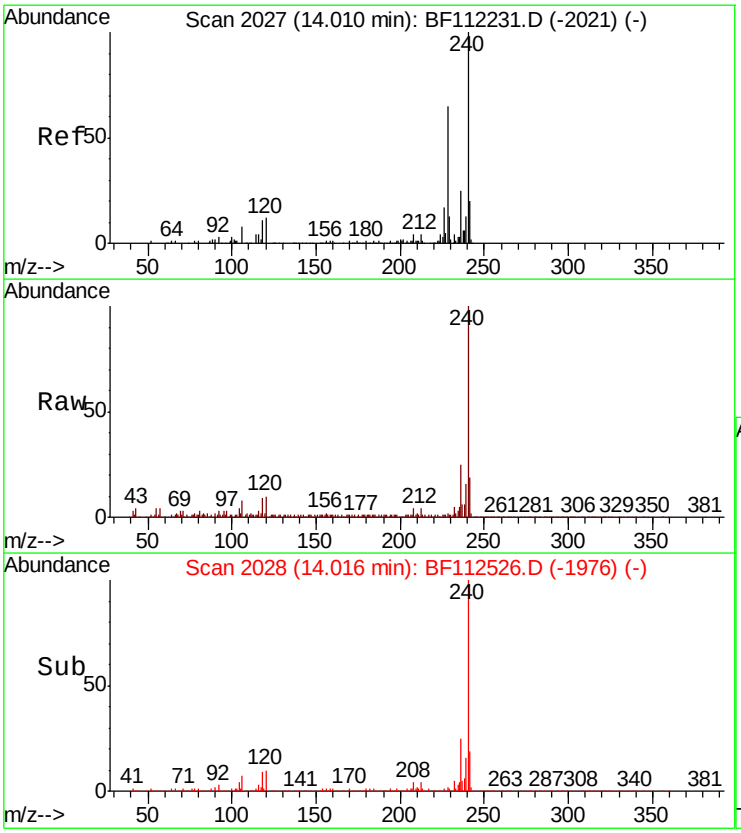
#75
Fluoranthene
Concen: 4.402 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:202 Resp: 67832

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.8
203	16.5	0.0	38.4

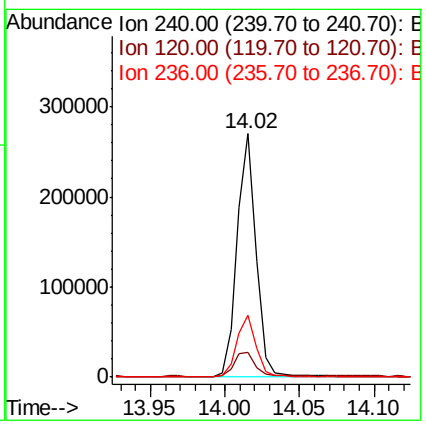


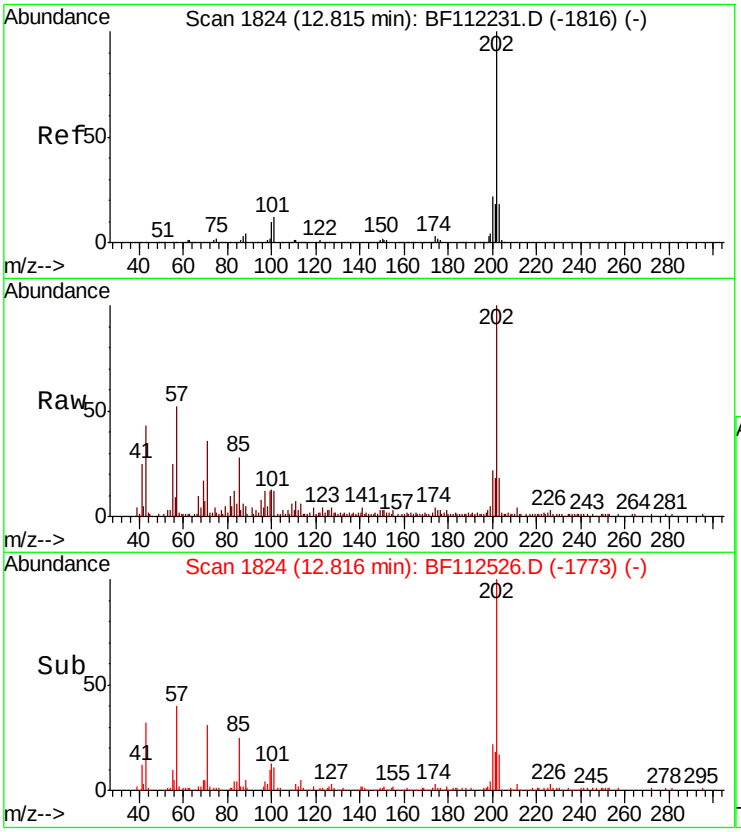


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:240 Resp: 238516

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.6
236	25.2	20.7	31.1



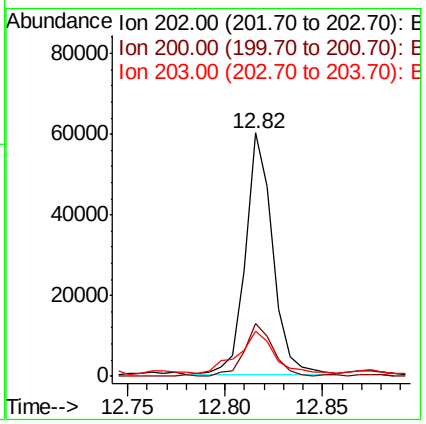


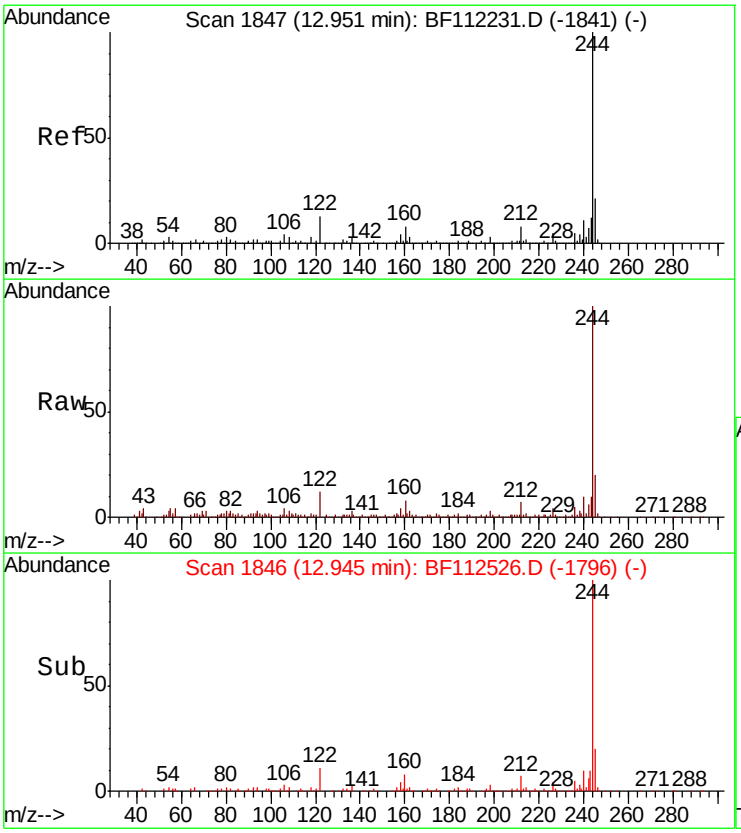
#78
Pyrene
Concen: 3.488 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:202 Resp: 57607

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.4	14.6	22.0

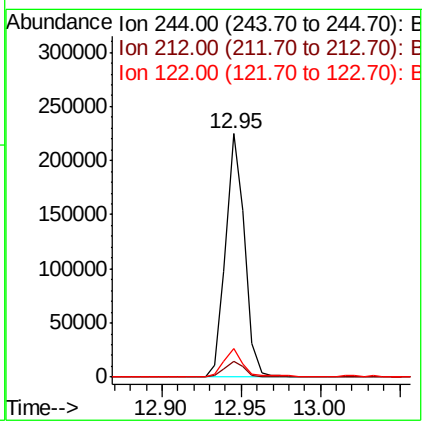


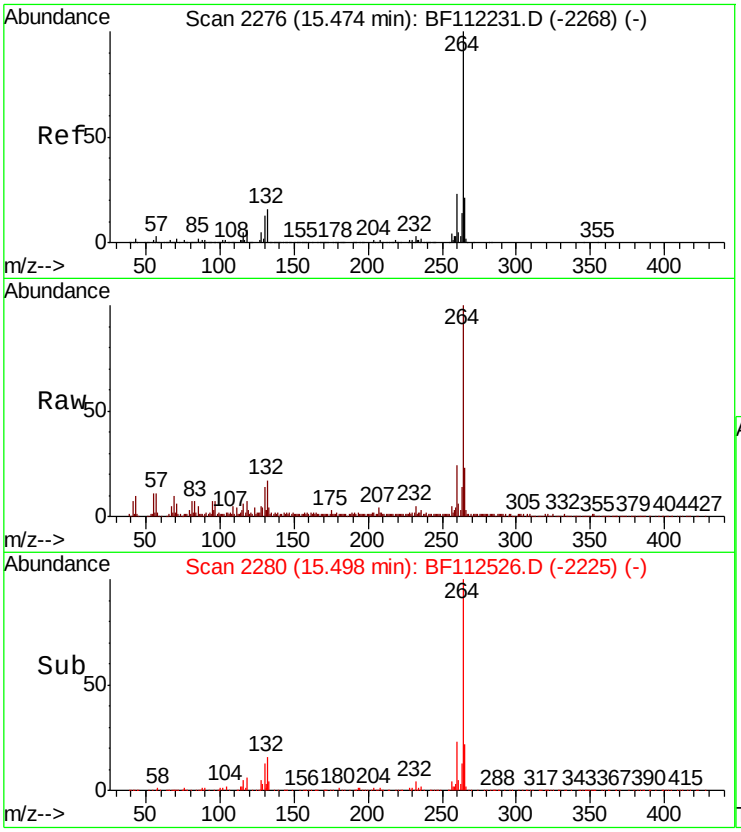


#79
Terphenyl-d14
Concen: 14.760 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:244 Resp: 186913

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.6	9.8	14.6



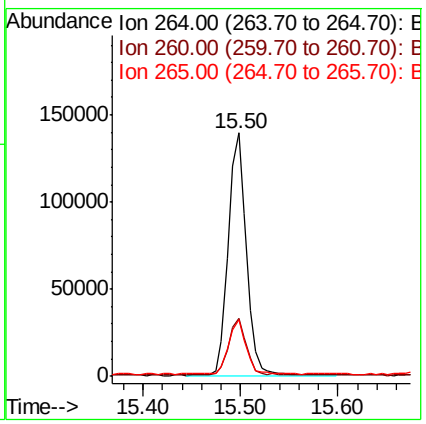


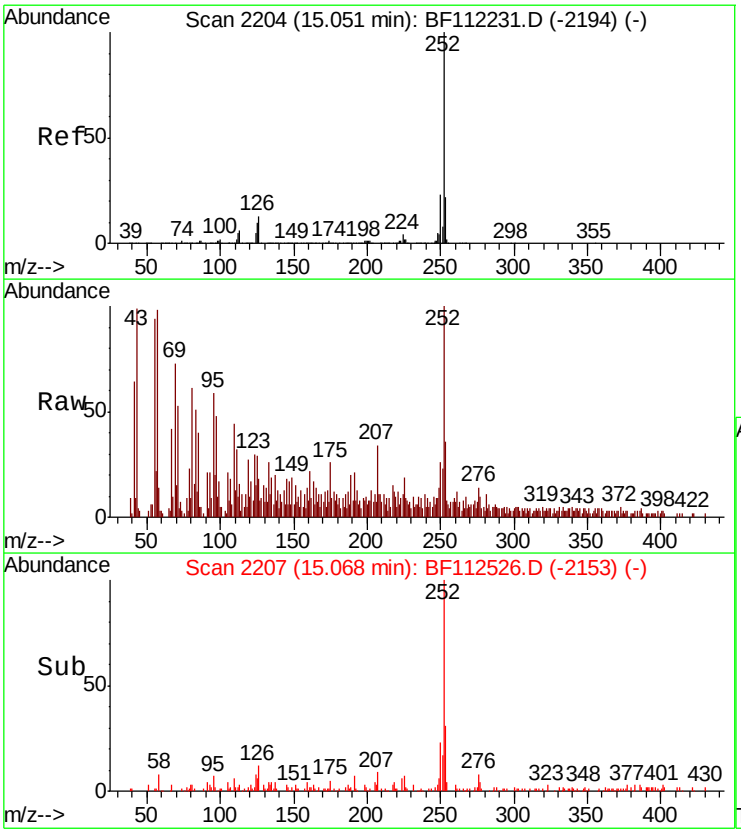
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:264 Resp: 178991

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	23.2	17.0	25.4

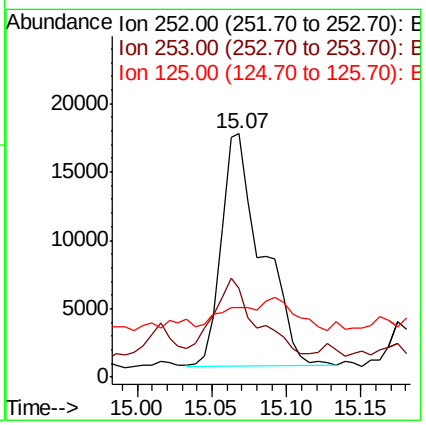


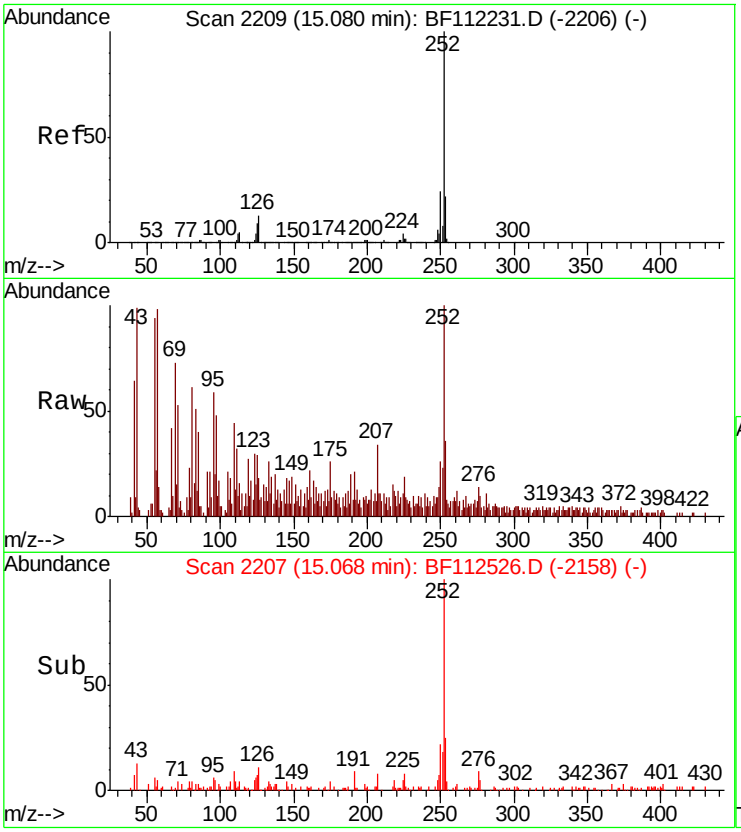


#88
Benzo(b)fluoranthene
Concen: 3.043 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion:252 Resp: 32569

Ion	Ratio	Lower	Upper
252	100		
253	36.3	18.0	27.0#
125	28.6	8.7	13.1#





#89
Benzo(k)fluoranthene
Concen: 3.176 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:252 Resp: 32569

Ion	Ratio	Lower	Upper
252	100		
253	36.3	18.0	27.0#
125	28.6	9.1	13.7#