Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007309.D
Acq On : 22 Aug 2019 02:36
Operator : HP/JU
Sample : PB122289BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122289BL

Quant Time: Aug 22 06:54:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5042	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	18580	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	10053	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	23991	0.40	ng		0.00
27) Chrysene-d12	21.03	240	28233	0.40	ng		0.00
34) Perylene-d12	23.14	264	32163	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5268	0.34	ng		0.00
5) Phenol-d6	6.61	99	6483	0.37	ng		0.00
8) Nitrobenzene-d5	8.54	82	4529	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	10615	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1244	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	13439	0.31	ng		0.00
25) Fluoranthene-d10	18.85	212	28434	0.37	ng		0.00
29) Terphenyl-d14	19.48	244	22090	0.31	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	16.85	178	2341	0.031	ng	#	82
26) Fluoranthene	18.88	202	8873	0.097	ng		99
28) Pyrene	19.25	202	7710	0.073	ng		97
30) Benzo(a)anthracene	21.02	228	3964	0.038	ng	#	69
31) Chrysene	21.07	228	4181	0.039	ng	#	81

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

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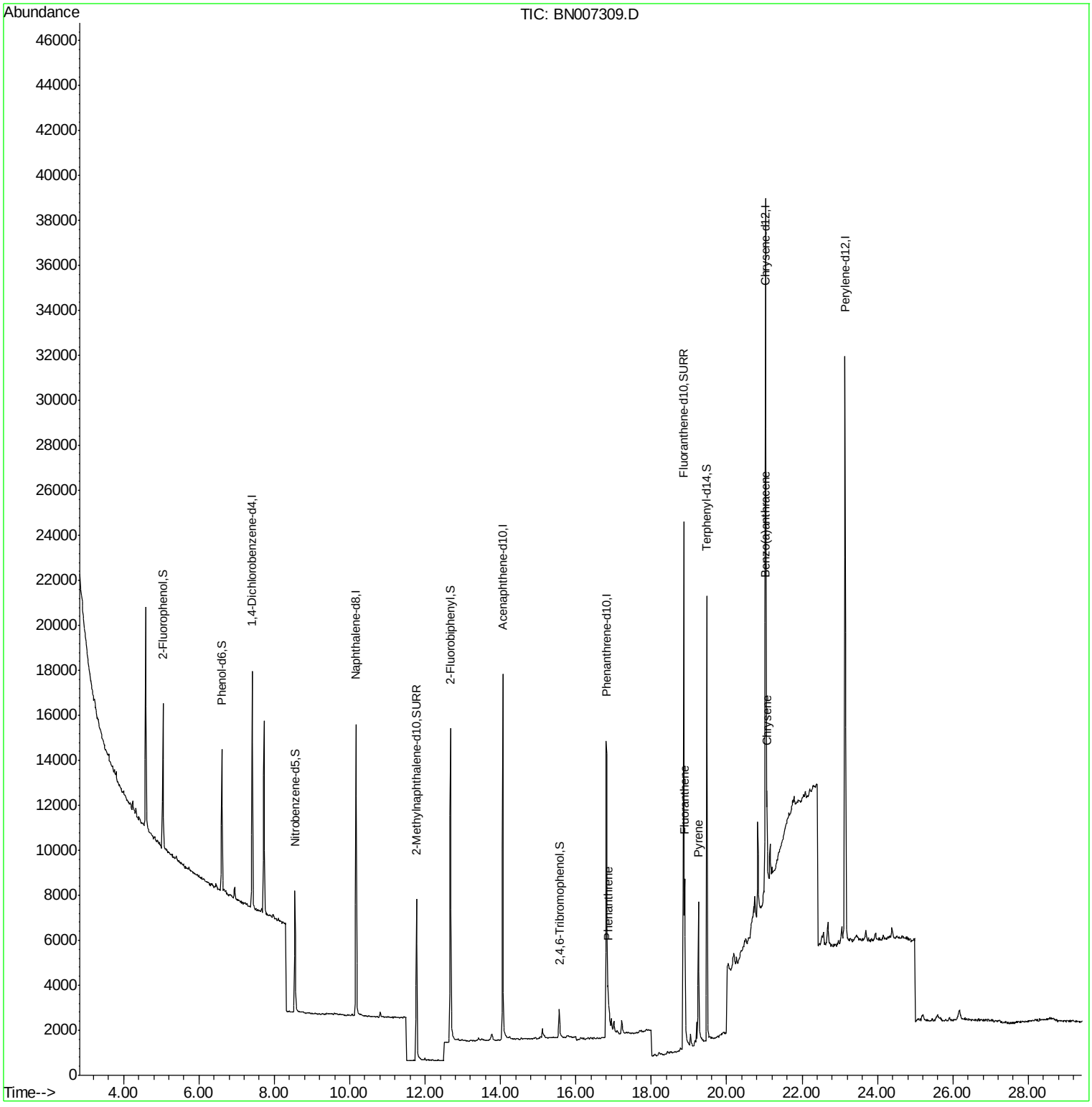
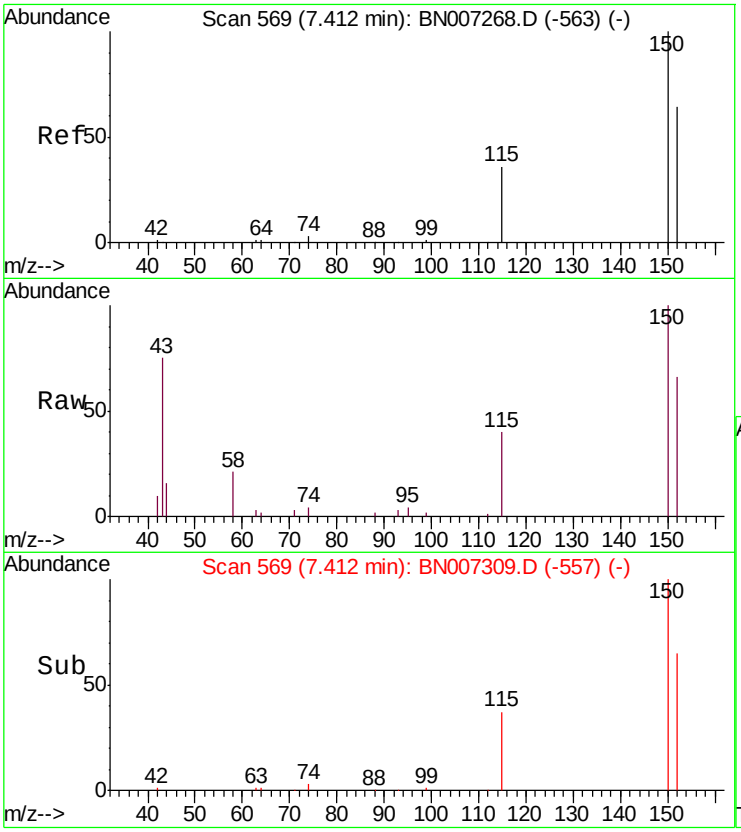


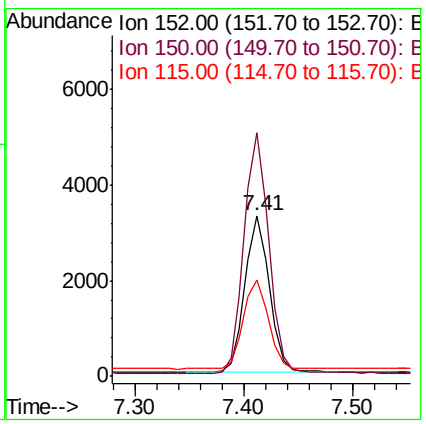


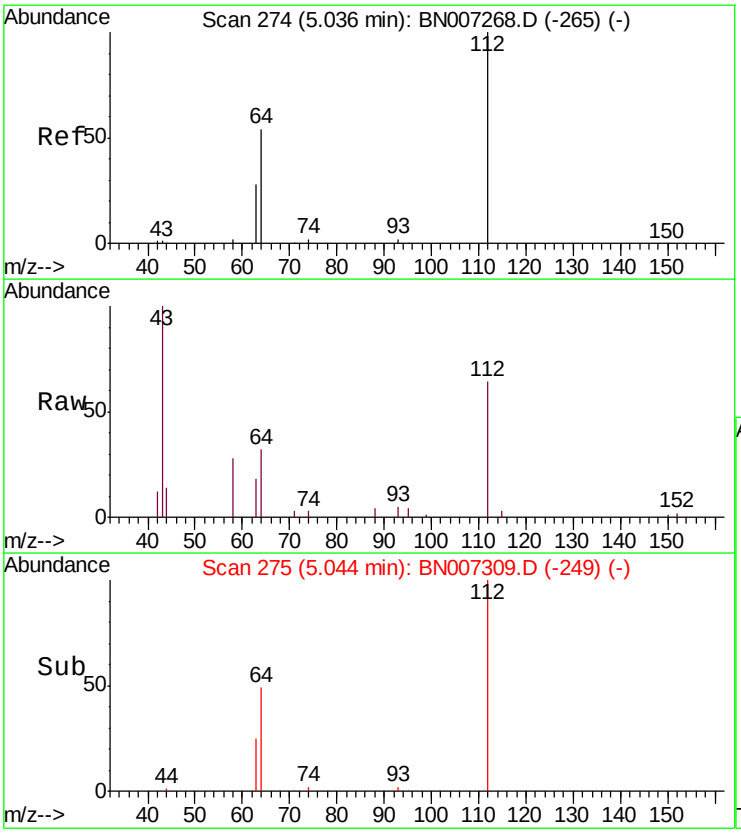
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:152 Resp: 5042

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.8	185.8
115	60.1	47.3	70.9

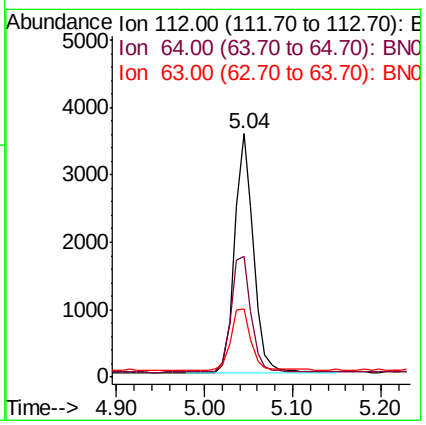


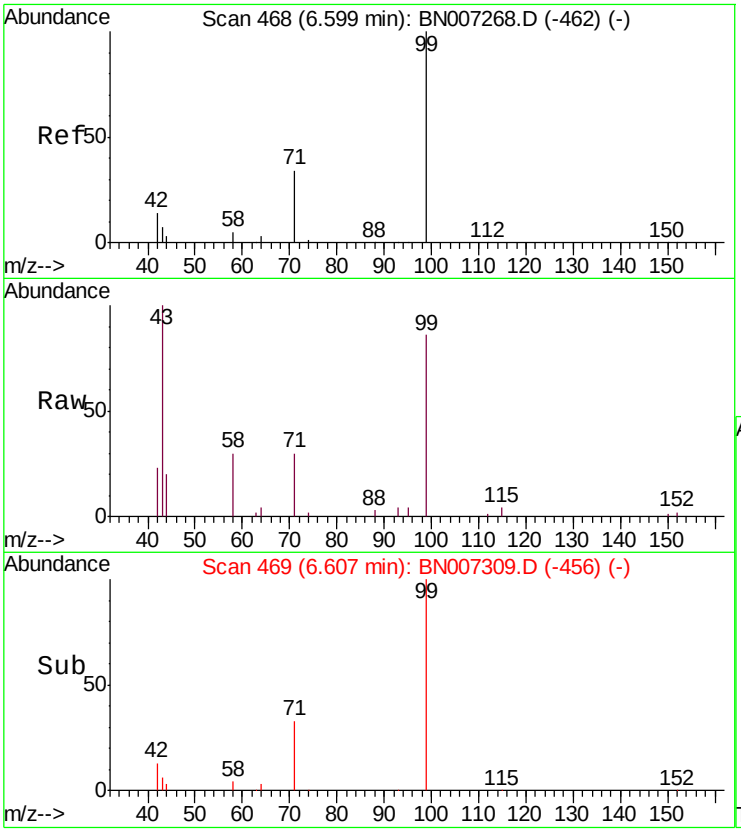


#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:112 Resp: 5268

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.8	62.8
63	27.8	22.6	34.0



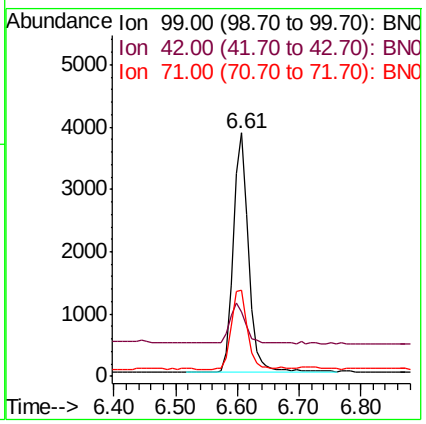


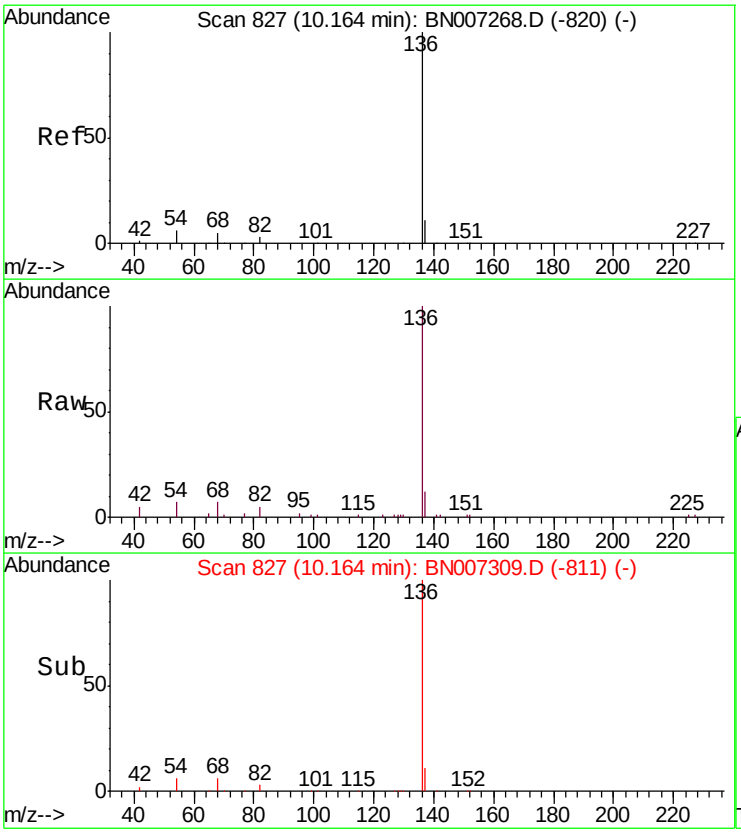
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.61 min Scan# 469
Delta R.T. 0.01 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion: 99 Resp: 6483

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.3	21.5
71	35.2	27.3	40.9

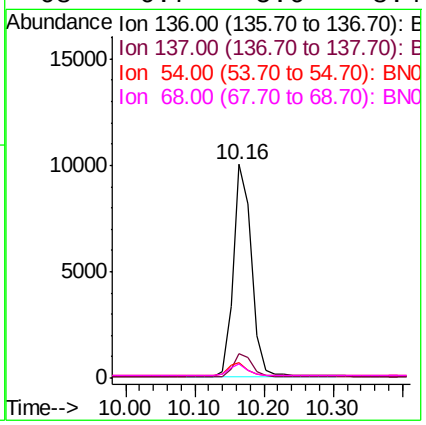


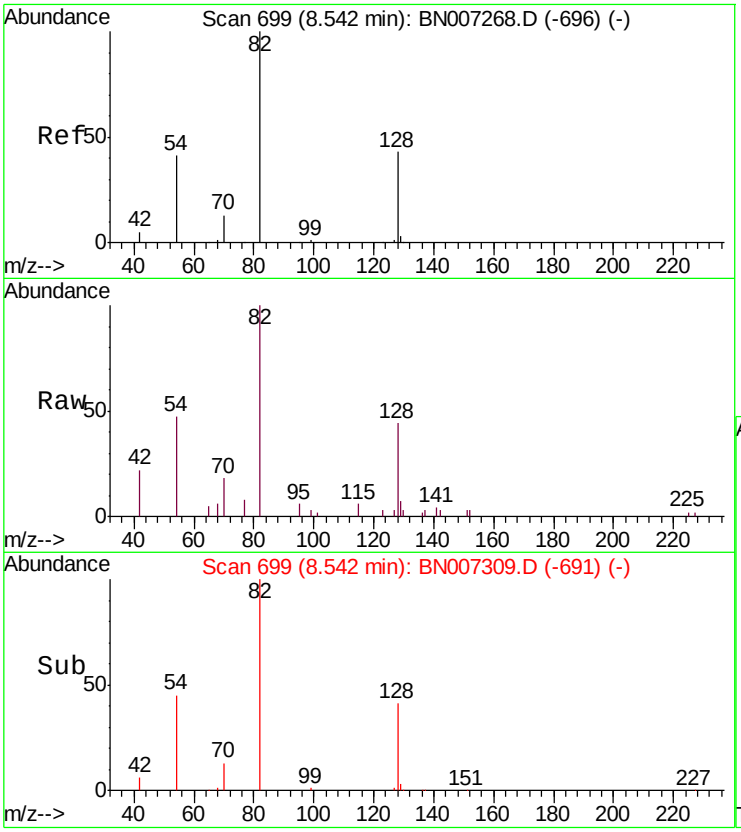


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:136 Resp: 18580

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.5	5.9	8.9
68	6.7	5.6	8.4



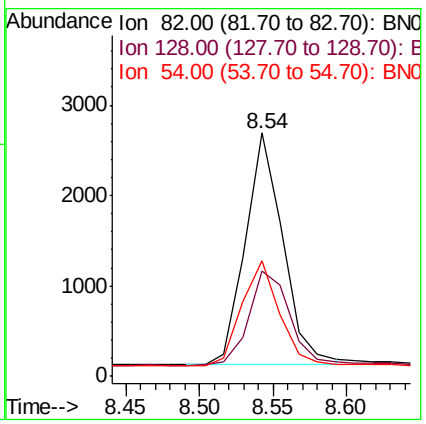


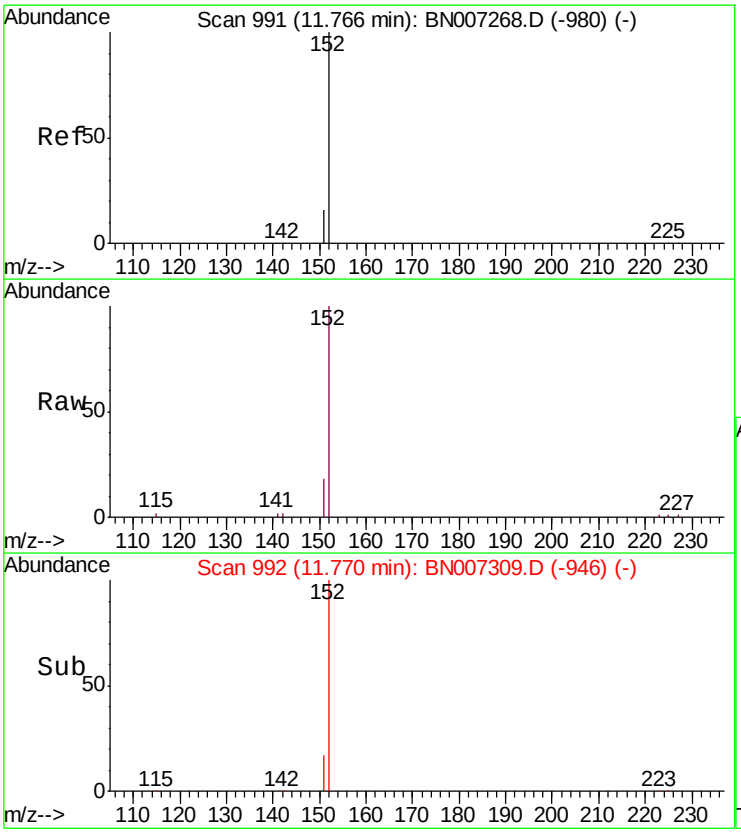
#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion: 82 Resp: 4529

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.6
54	47.3	34.7	52.1

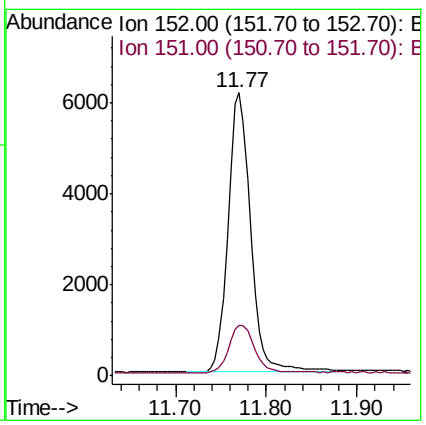


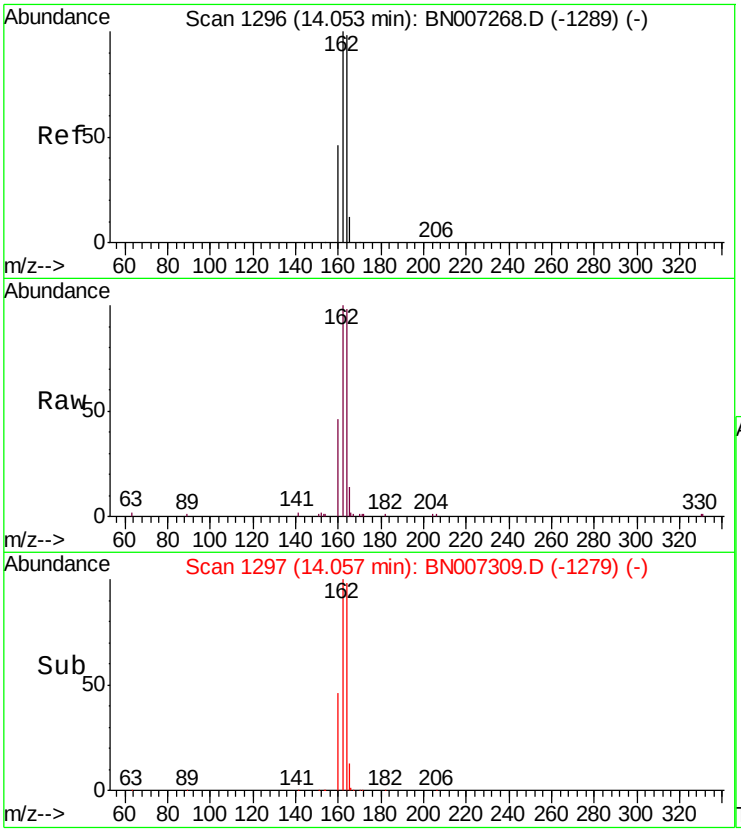


#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:152 Resp: 10615

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8



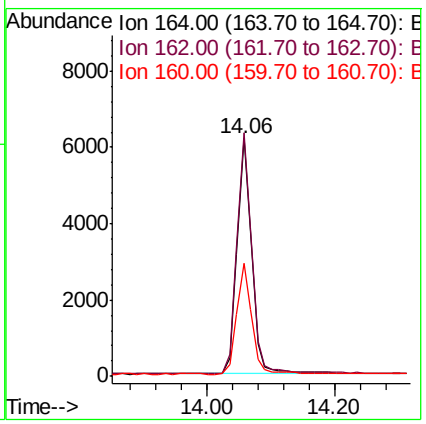


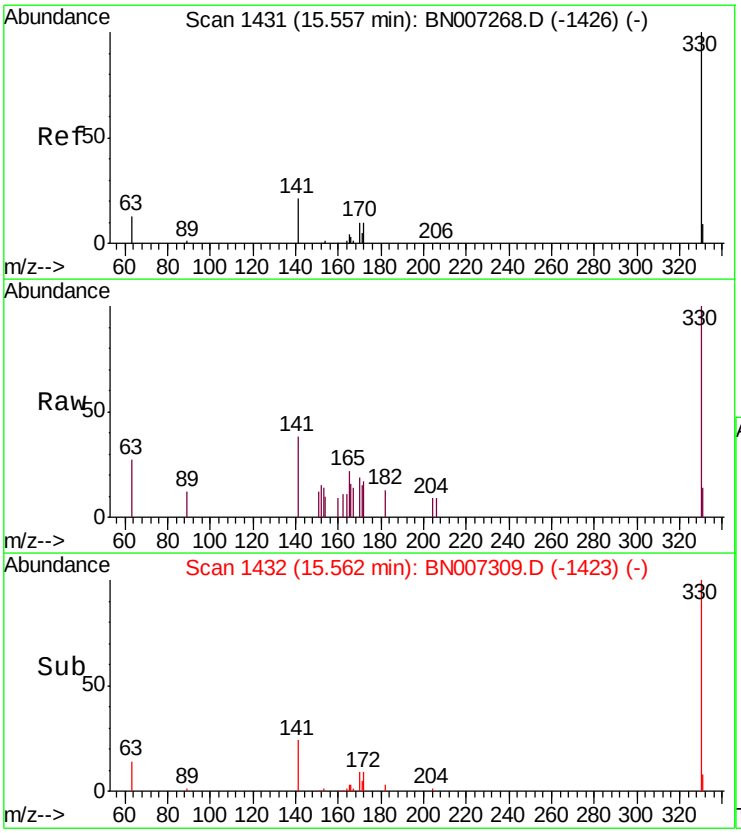
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:164 Resp: 10053

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.0	123.0
160	47.2	38.2	57.4

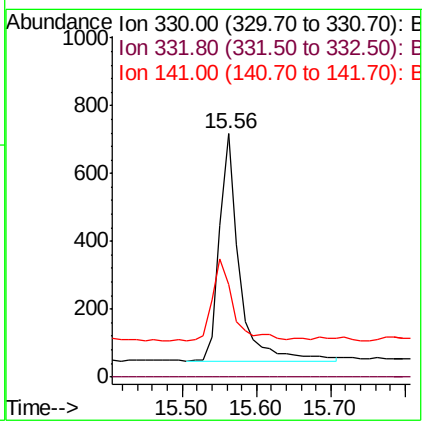


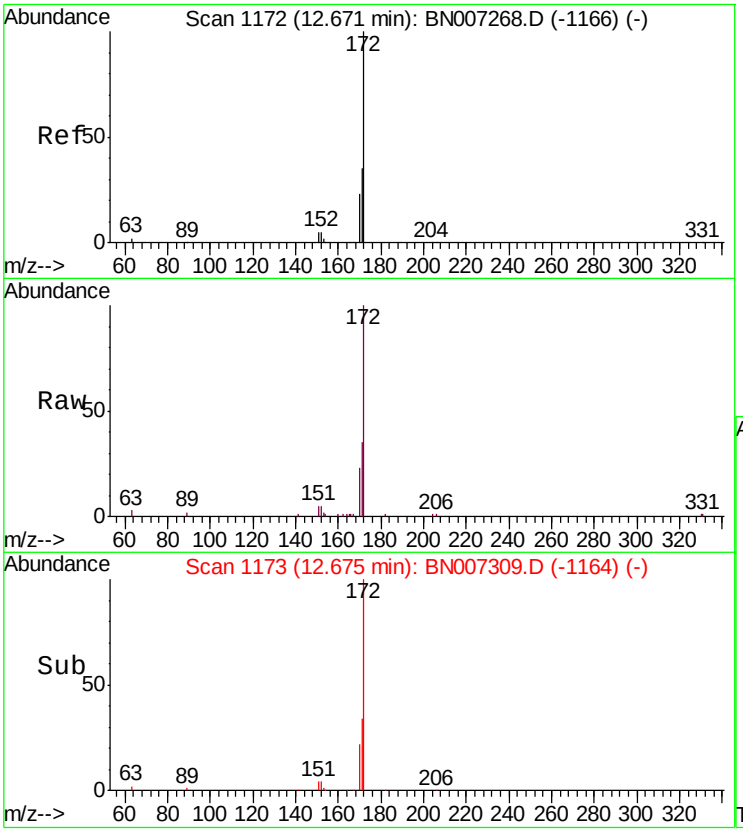


#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:330 Resp: 1244

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.5	30.3	45.5



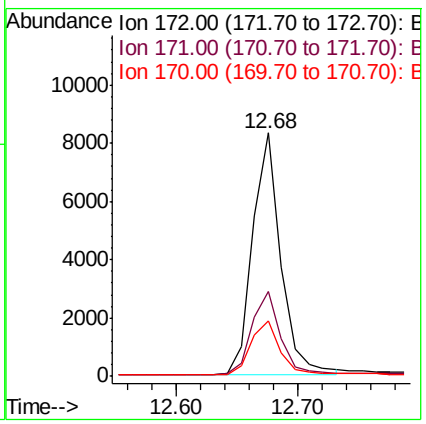


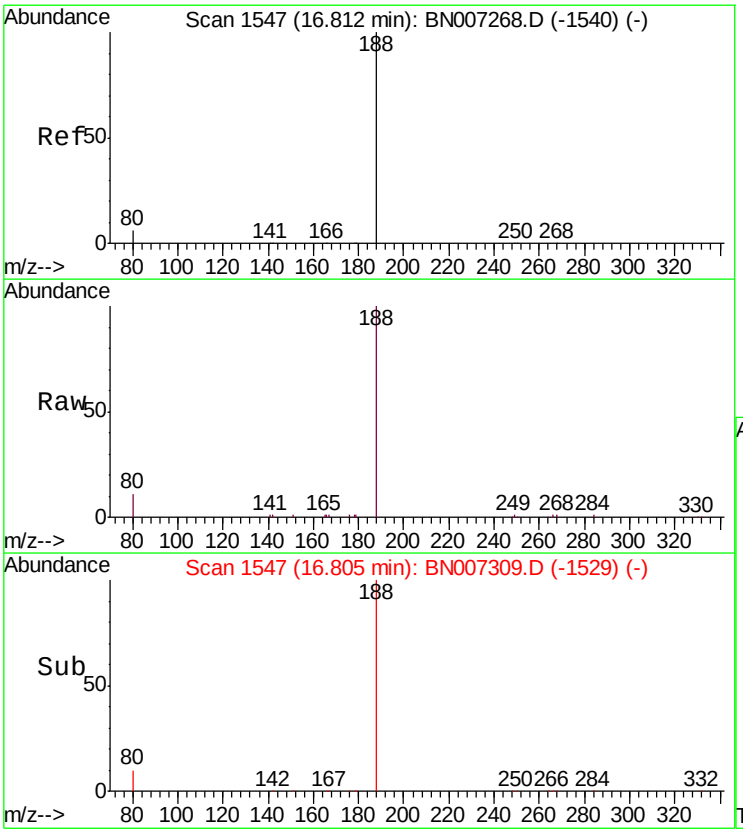
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:172 Resp: 13439

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.7	18.7	28.1

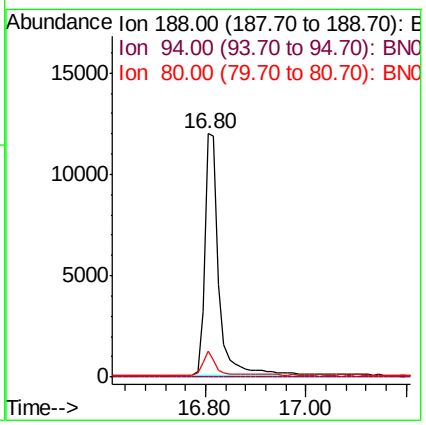


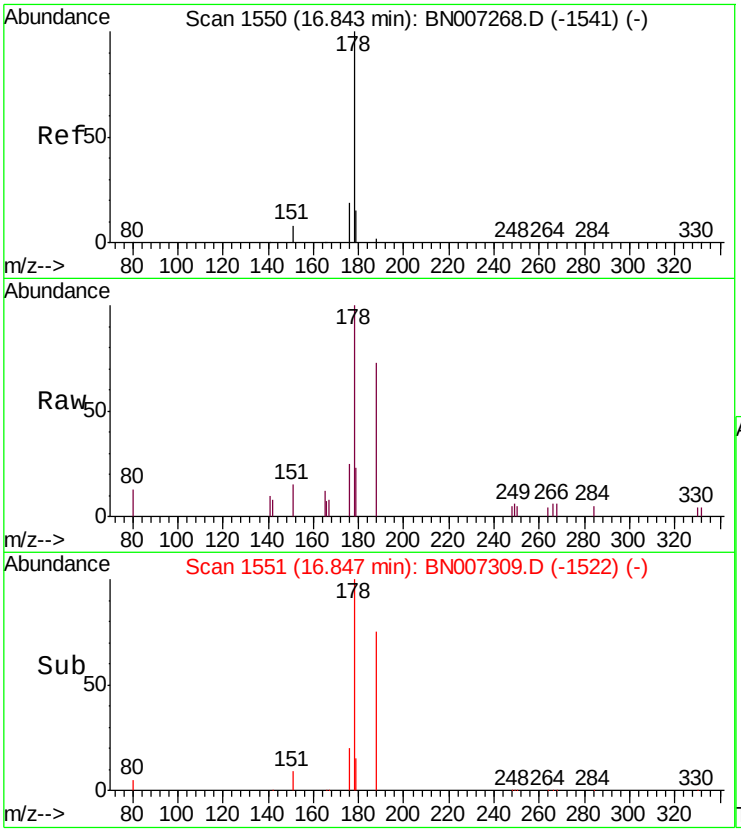


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:188 Resp: 23991

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	5.2	7.8#



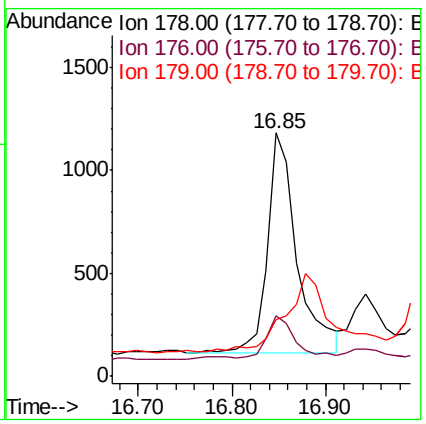


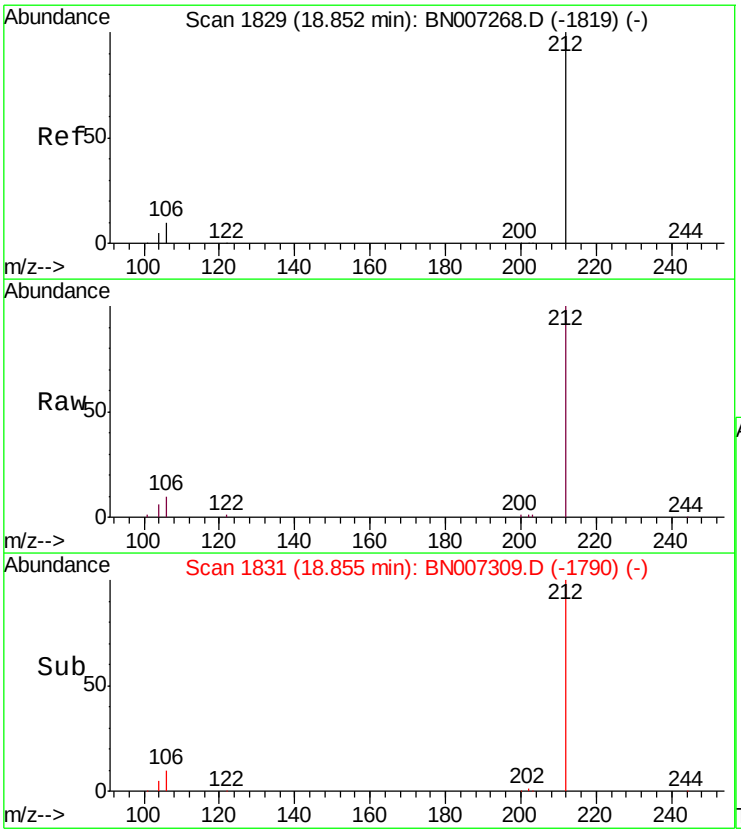
#23
Phenanthrene
Concen: 0.031 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:178 Resp: 2341

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	0.0	12.3	18.5#

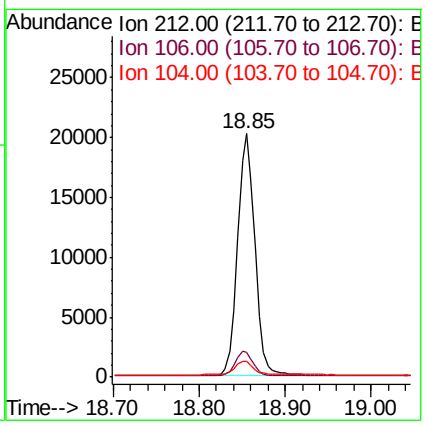


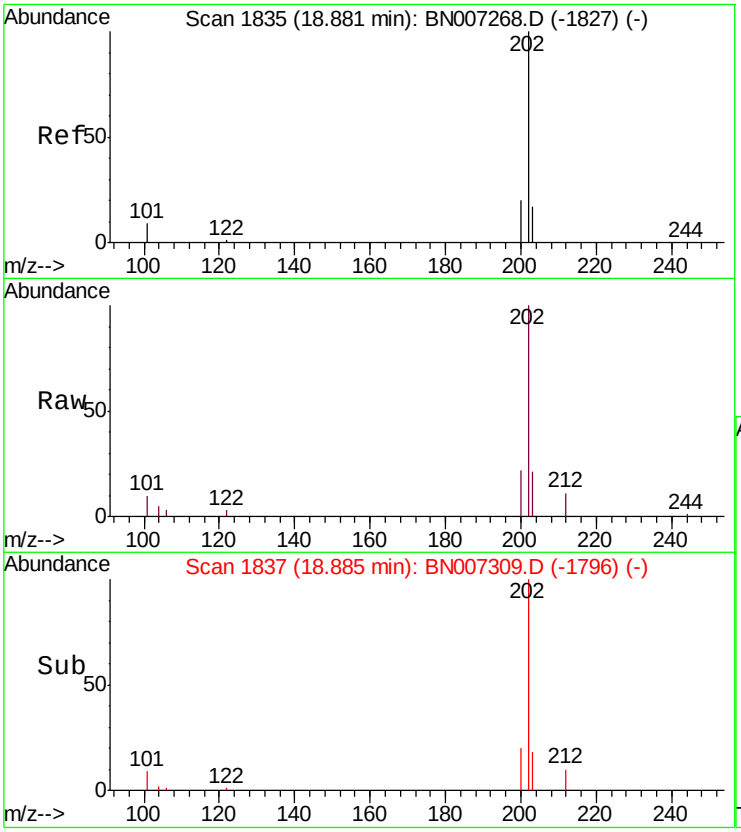


#25
Fluoranthene-d10
Concen: 0.374 ng
RT: 18.85 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:212 Resp: 28434

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.4
104	6.8	4.7	7.1



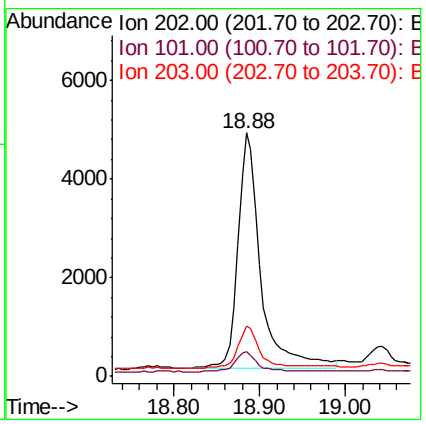


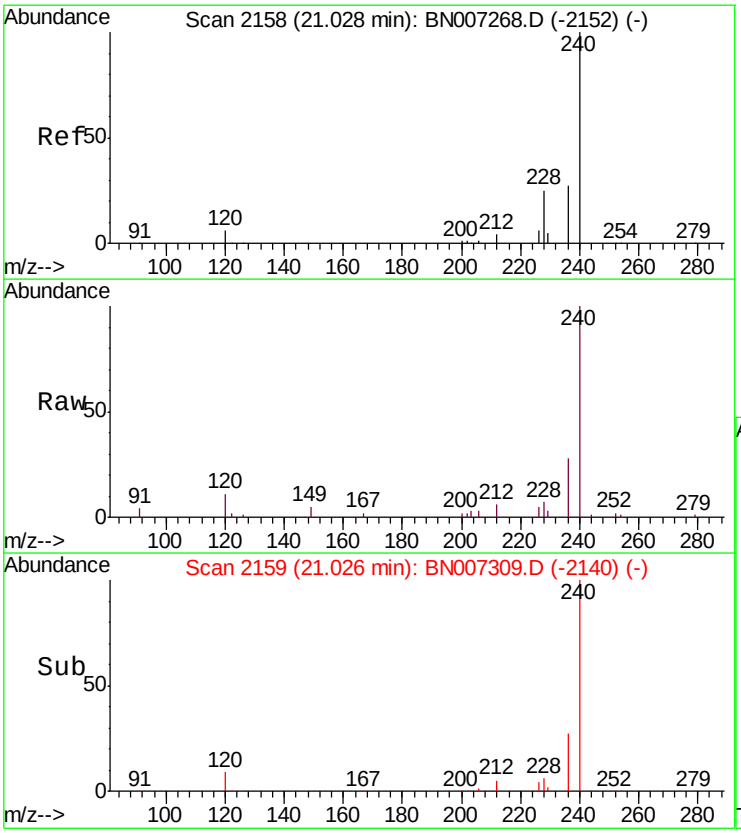
#26
Fluoranthene
Concen: 0.097 ng
RT: 18.88 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:202 Resp: 8873

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.2	10.8
203	17.8	13.8	20.6

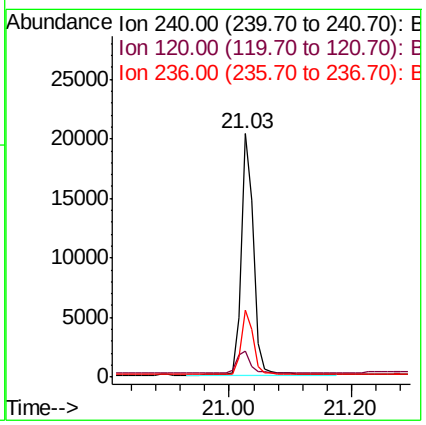


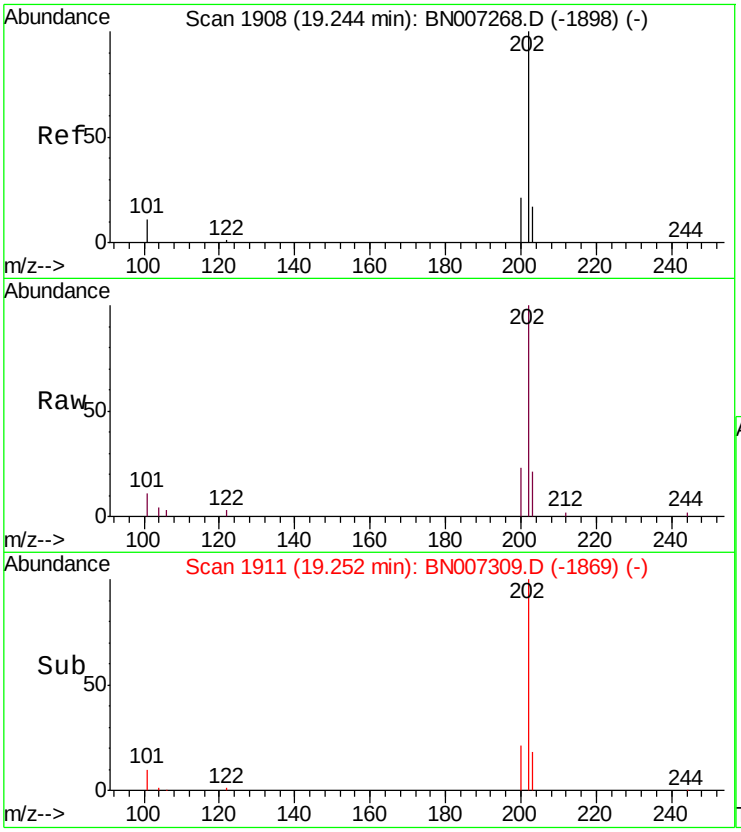


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:240 Resp: 28233

Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.6	8.4#
236	27.7	21.6	32.4



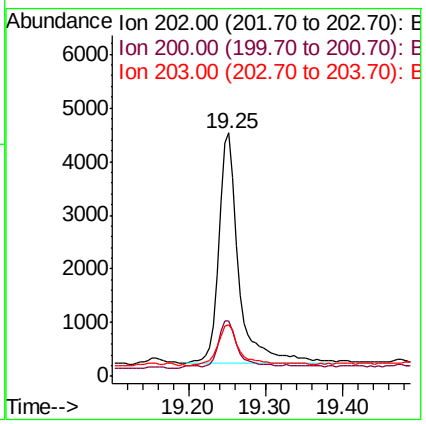


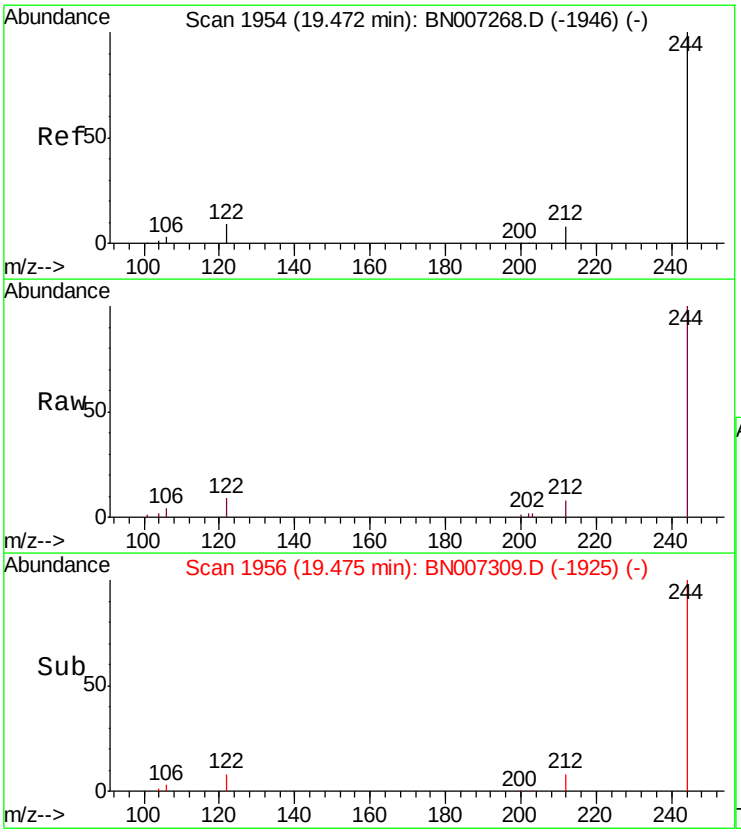
#28
Pyrene
Concen: 0.073 ng
RT: 19.25 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:202 Resp: 7710

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.7	25.1
203	18.6	13.9	20.9

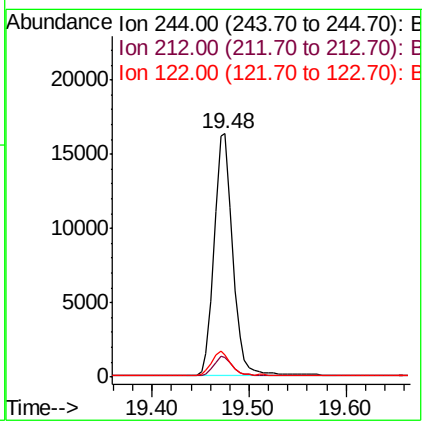


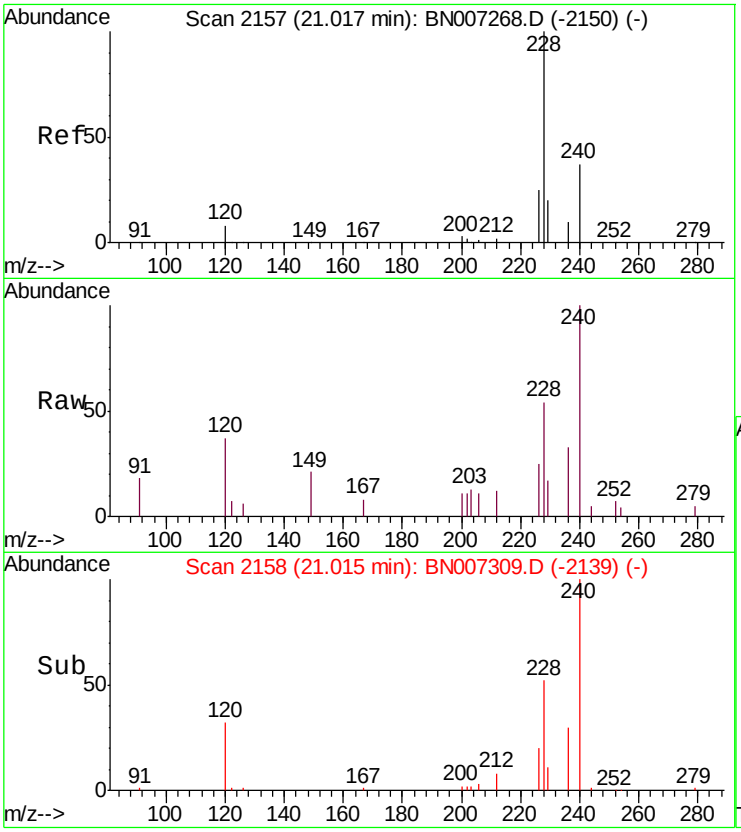


#29
Terphenyl-d14
Concen: 0.313 ng
RT: 19.48 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:244 Resp: 22090

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	9.2	7.9	11.9



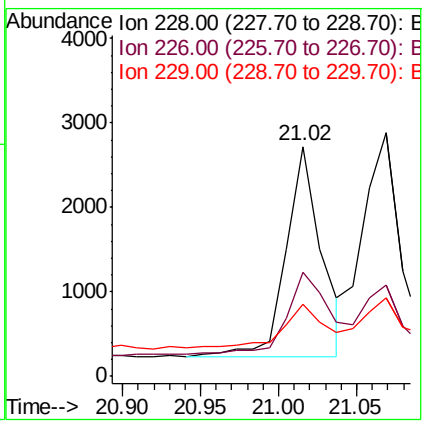


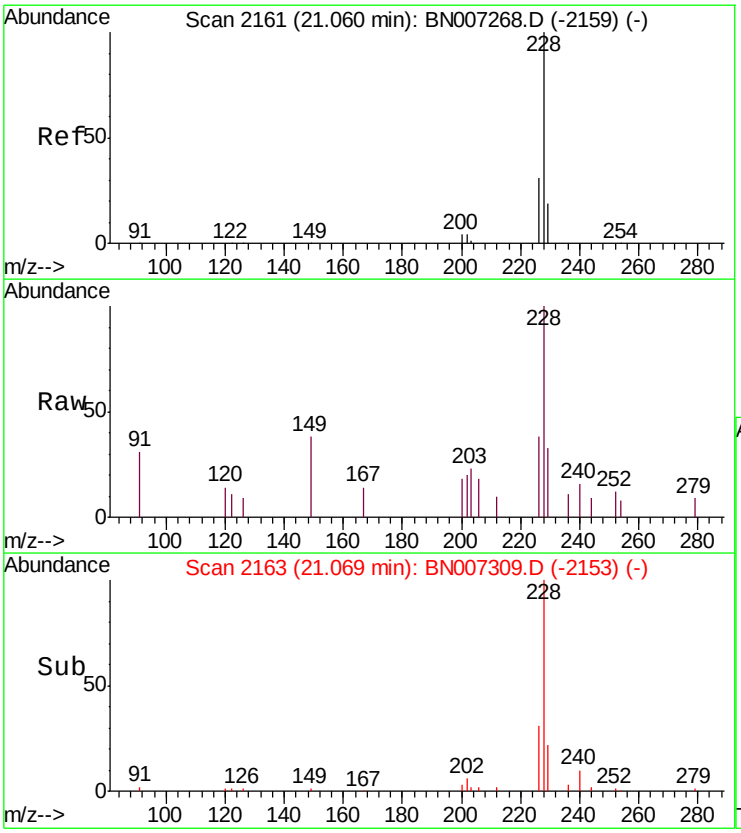
#30
Benzo(a)anthracene
Concen: 0.038 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:228 Resp: 3964

Ion	Ratio	Lower	Upper
228	100		
226	45.3	20.6	30.8#
229	31.5	16.9	25.3#

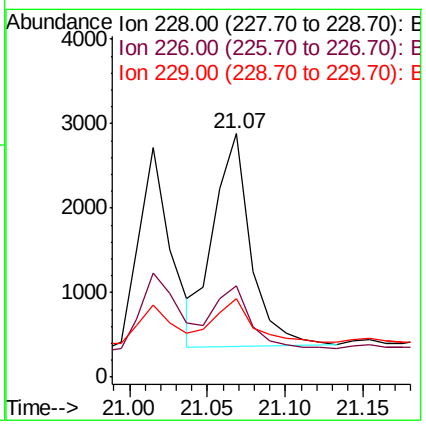


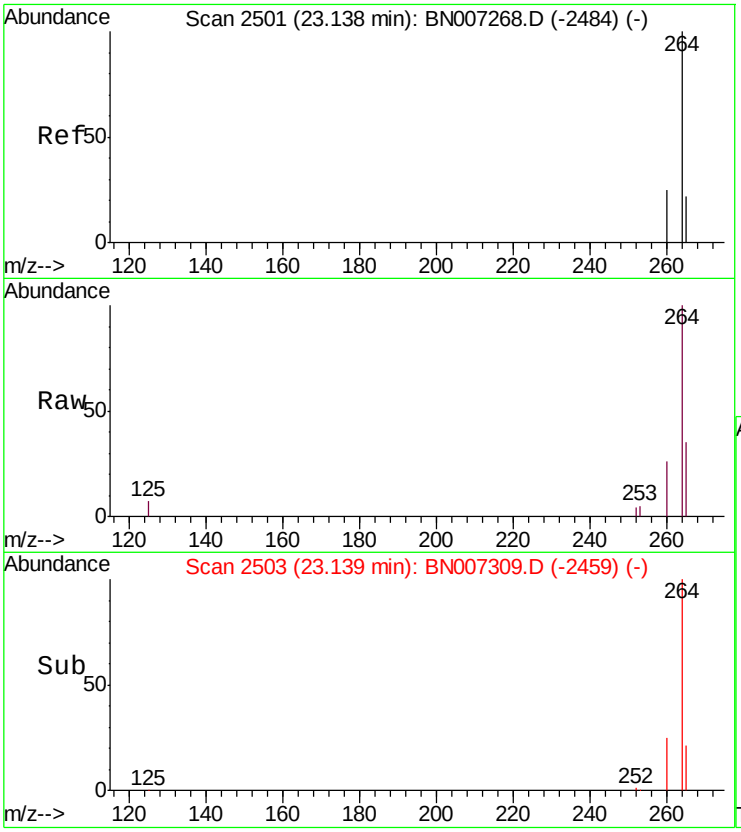


#31
Chrysene
Concen: 0.039 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Tgt Ion:228 Resp: 4181

Ion	Ratio	Lower	Upper
228	100		
226	37.5	24.6	36.8#
229	32.5	15.6	23.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BN007309.D
Acq: 22 Aug 2019 02:36

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tgt Ion:264 Resp: 32163

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	35.1	29.0	43.6