Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082019\
Data File : BN007279.D
Acq On : 21 Aug 2019 04:50
Operator : HP/JU
Sample : K4282-07RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 21 08:24:17 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	5619	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	21390	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	12300	0.40	ng		0.00
19) Phenanthrene-d10	16.81	188	28801	0.40	ng		0.00
27) Chrysene-d12	21.03	240	29600	0.40	ng		0.00
34) Perylene-d12	23.13	264	32947	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5657	0.33	ng		0.00
5) Phenol-d6	6.60	99	7268	0.37	ng		0.00
8) Nitrobenzene-d5	8.54	82	5330	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	12088	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1158	0.17	ng		0.00
15) 2-Fluorobiphenyl	12.67	172	16142	0.31	ng		0.00
25) Fluoranthene-d10	18.85	212	27913	0.31	ng		0.00
29) Terphenyl-d14	19.47	244	21395	0.29	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	13.77	152	3419	0.052	ng		98
23) Phenanthrene	16.84	178	31409	0.348	ng		99
24) Anthracene	16.94	178	4236	0.052	ng	#	91
26) Fluoranthene	18.88	202	64055	0.586	ng		100
28) Pyrene	19.24	202	57345	0.518	ng	#	95
30) Benzo(a)anthracene	21.01	228	24869	0.226	ng		93
31) Chrysene	21.01	228	23014	0.205	ng		97
32) Bis(2-ethylhexyl)phthalate	20.97	149	14494	0.329	ng		98
33) Indeno(1,2,3-cd)pyrene	25.20	276	10565	0.078	ng		98
35) Benzo(b)fluoranthene	22.52	252	28845	0.235	ng	#	93
36) Benzo(k)fluoranthene	22.52	252	28845	0.240	ng	#	93
37) Benzo(a)pyrene	23.04	252	16719	0.151	ng	#	91
38) Dibenzo(a,h)anthracene	25.21	278	3048	0.026	ng	#	38
39) Benzo(g,h,i)perylene	25.82	276	10101	0.086	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082019\
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Acq On : 21 Aug 2019 04:50
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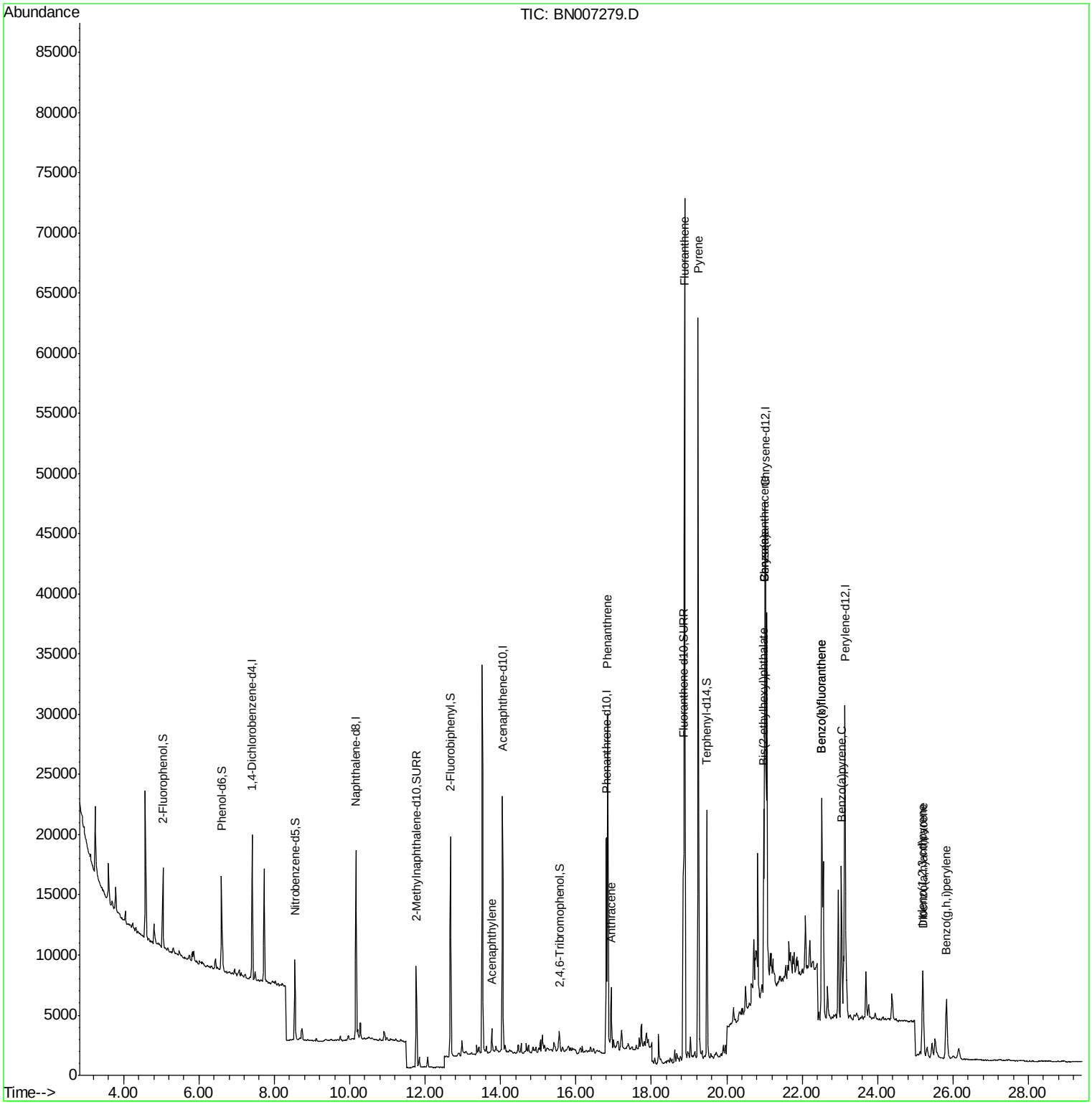
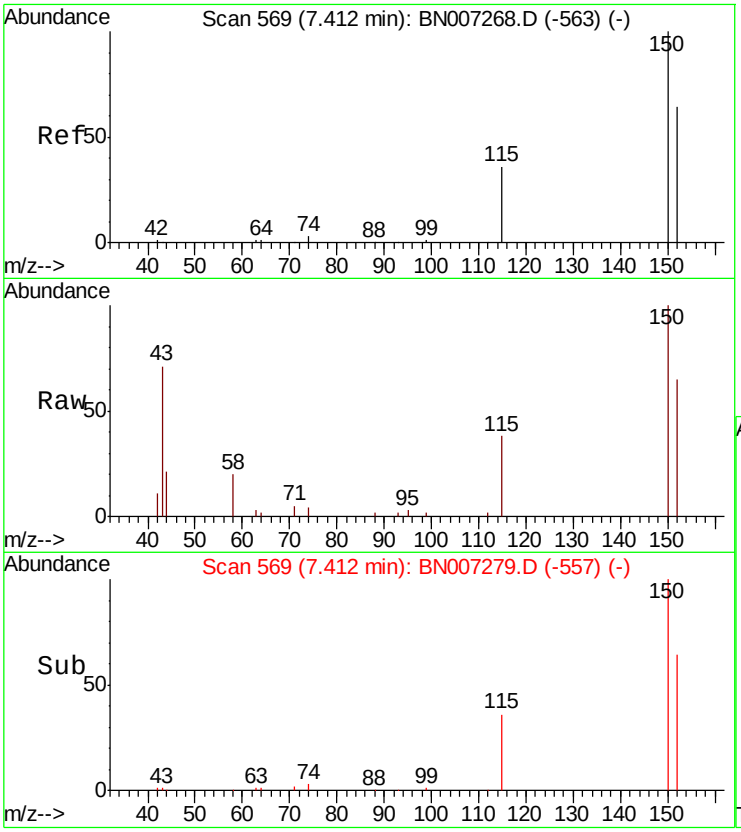
Quant Time: Aug 21 08:24:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration



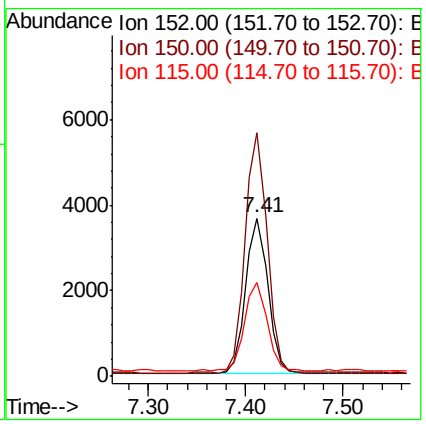


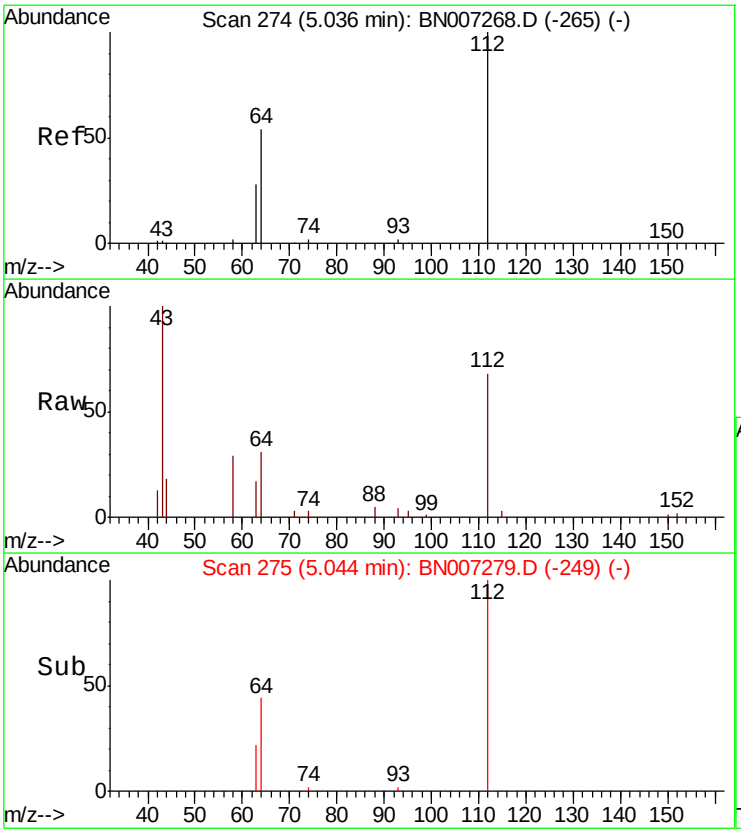
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5619

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.8
115	59.0	47.3	70.9

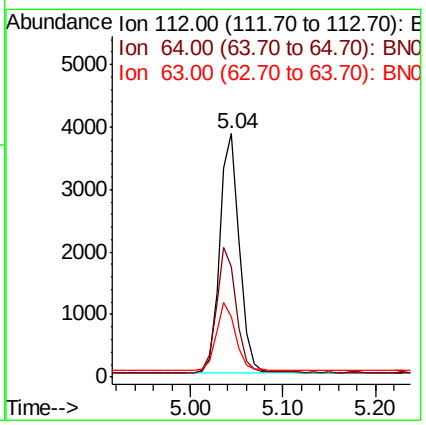


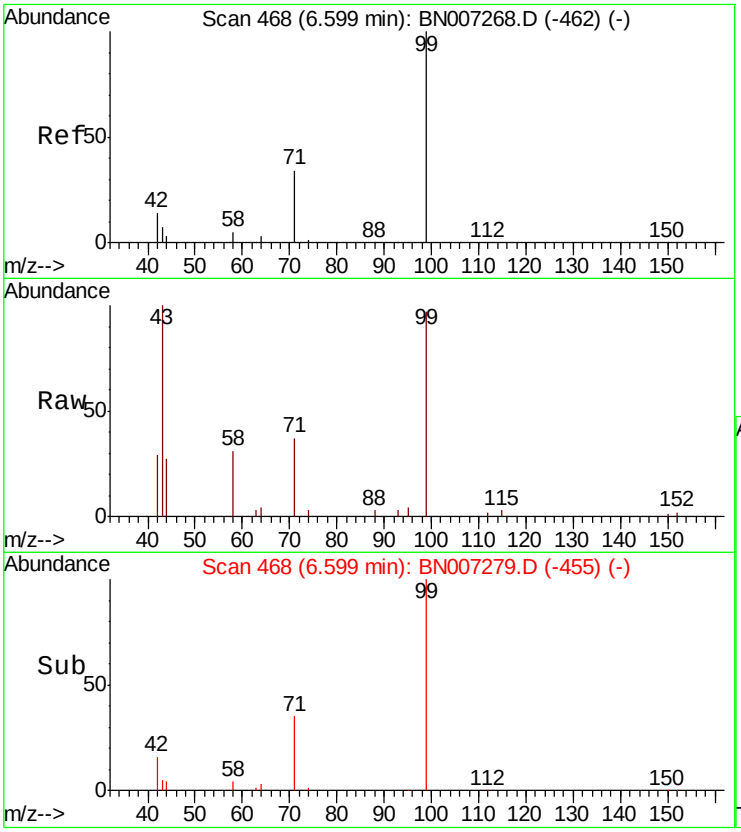


#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:112 Resp: 5657

Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.8	62.8
63	28.0	22.6	34.0



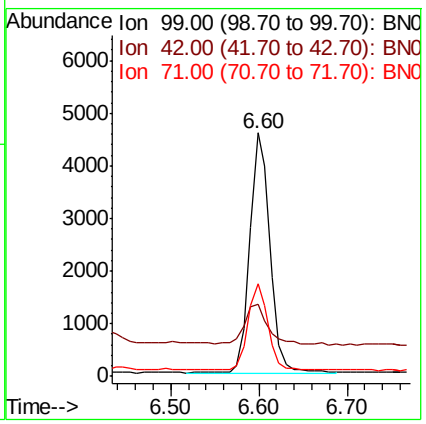


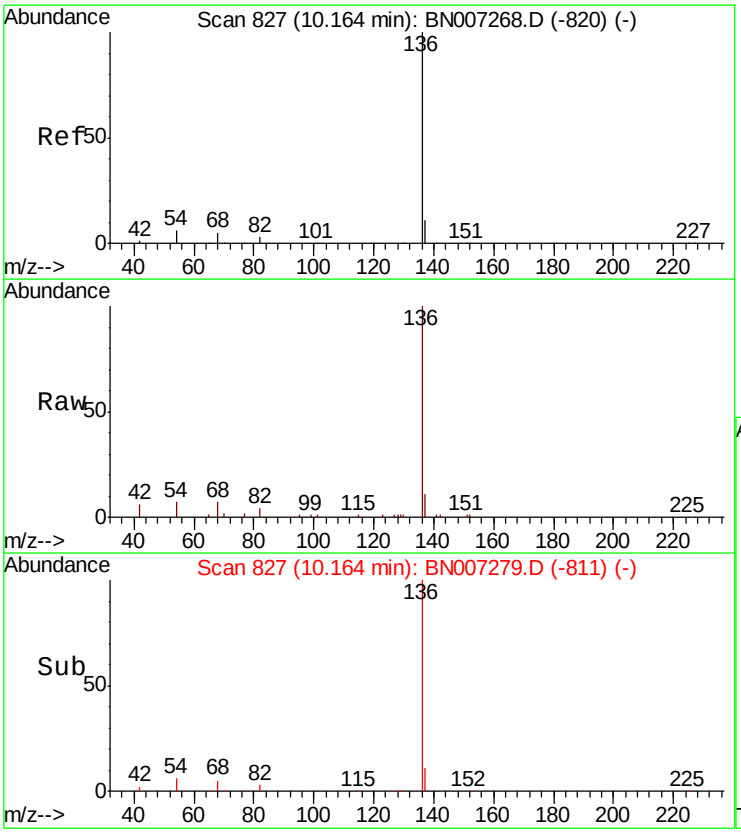
#5
Phenol-d6
Concen: 0.368 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7268

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.3	21.5
71	35.9	27.3	40.9

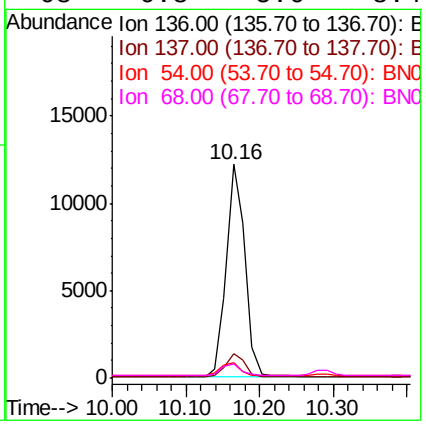


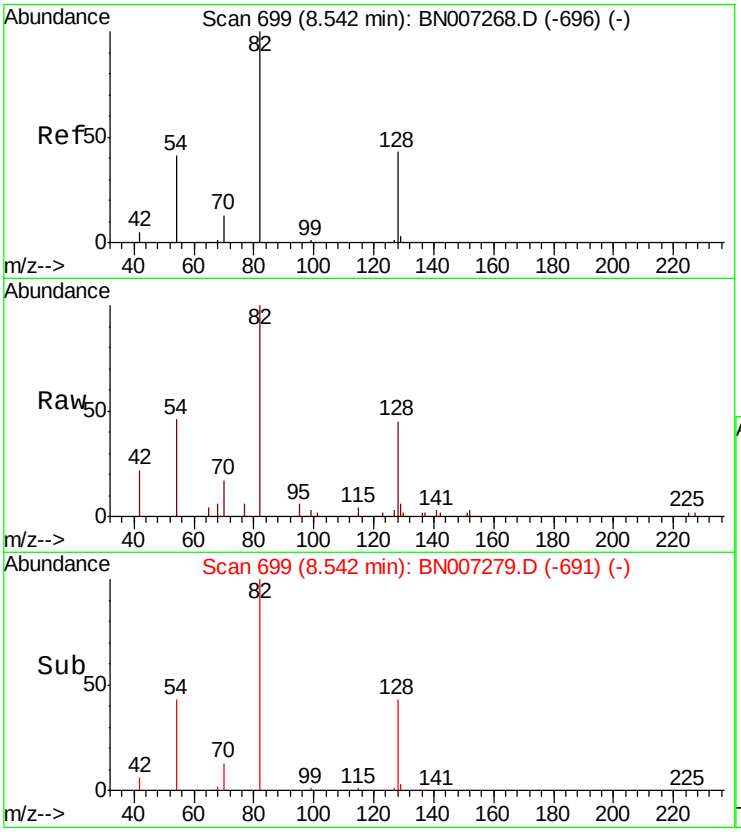


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:136 Resp: 21390

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.1	5.9	8.9
68	6.8	5.6	8.4



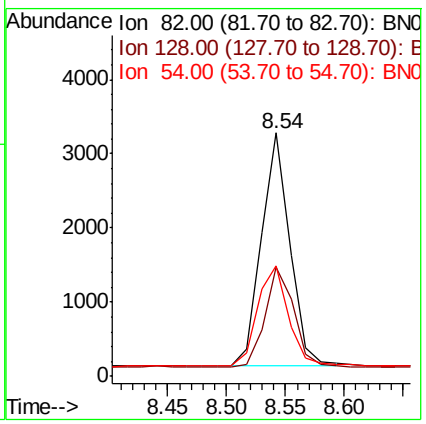


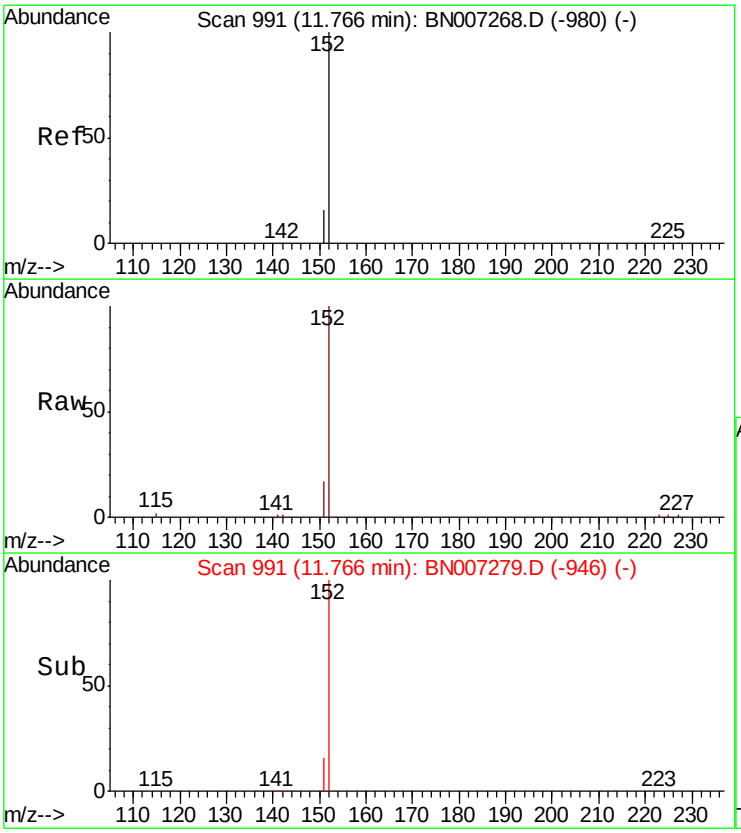
#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5330

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.8	53.6
54	45.6	34.7	52.1

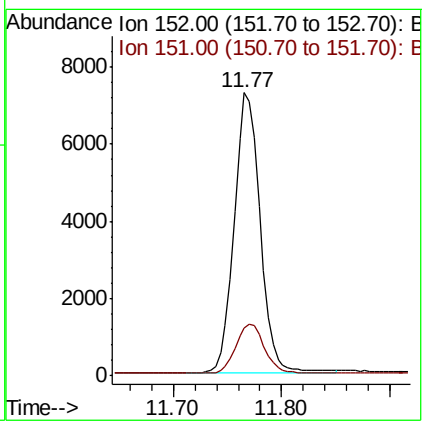


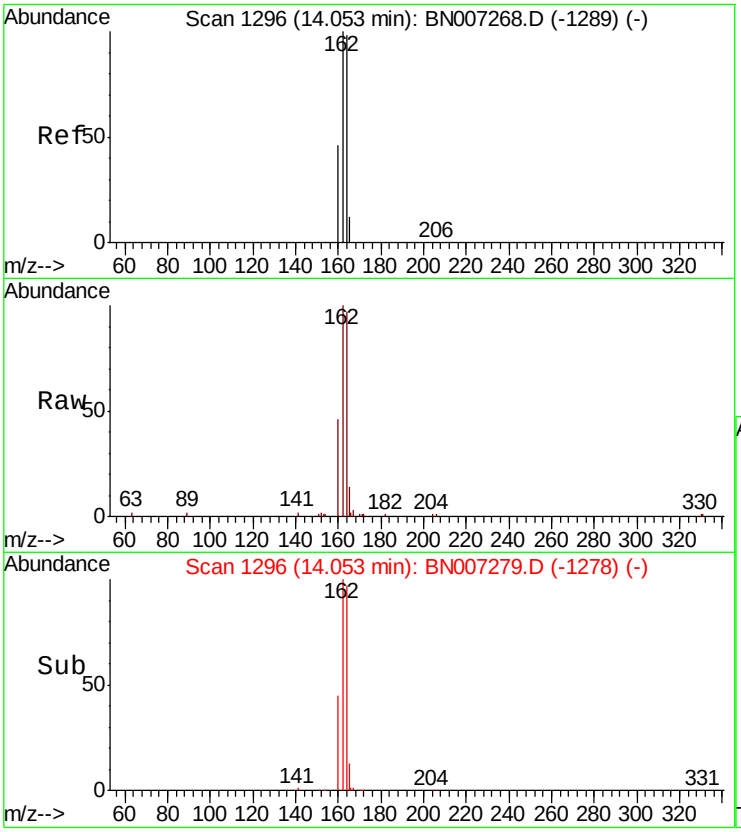


#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:152 Resp: 12088

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8



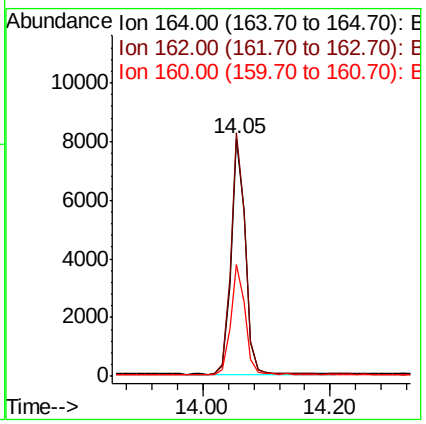


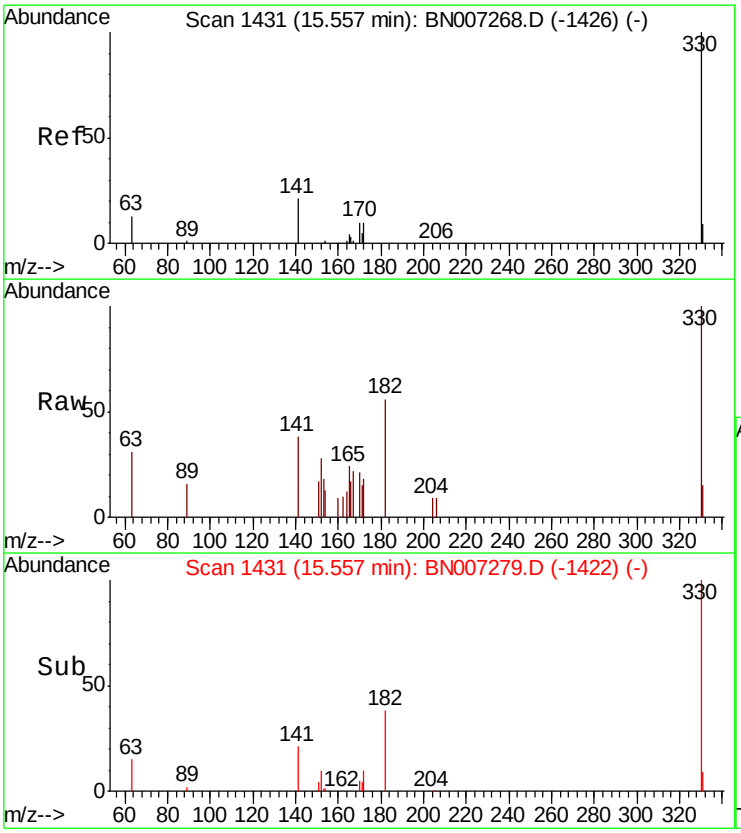
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12300

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.0	123.0
160	47.1	38.2	57.4

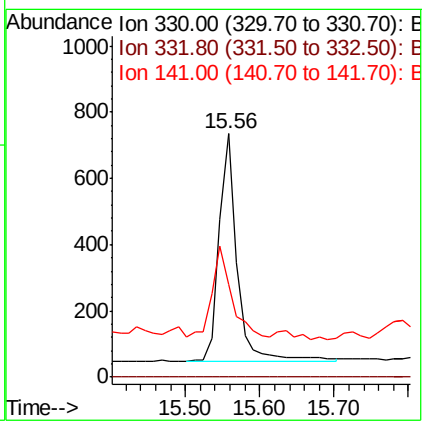


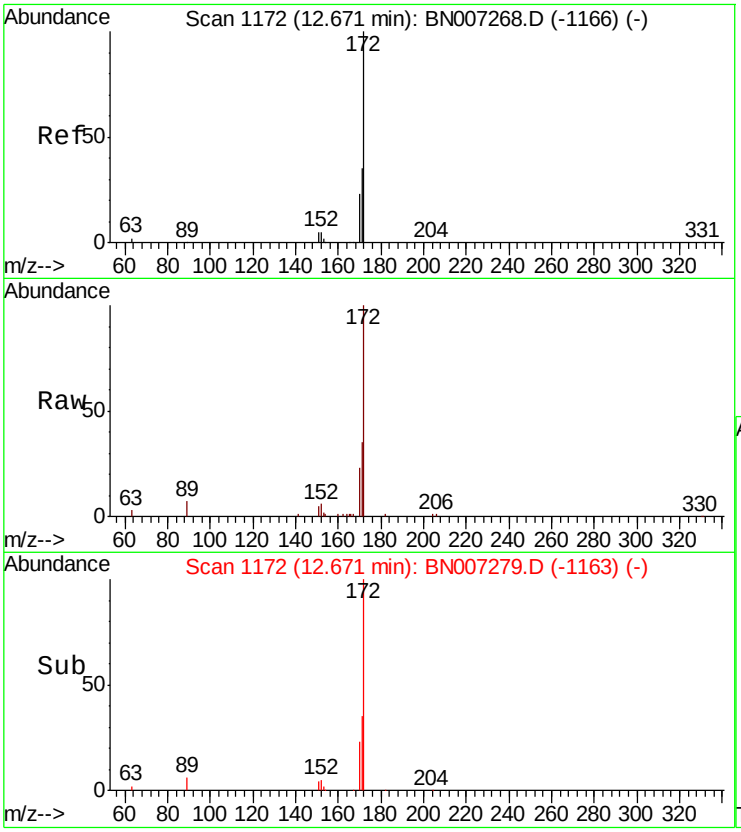


#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:330 Resp: 1158

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.6	30.3	45.5



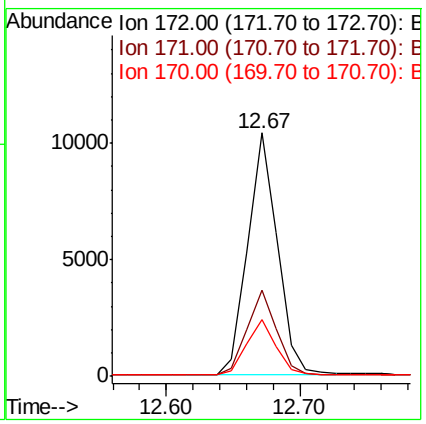


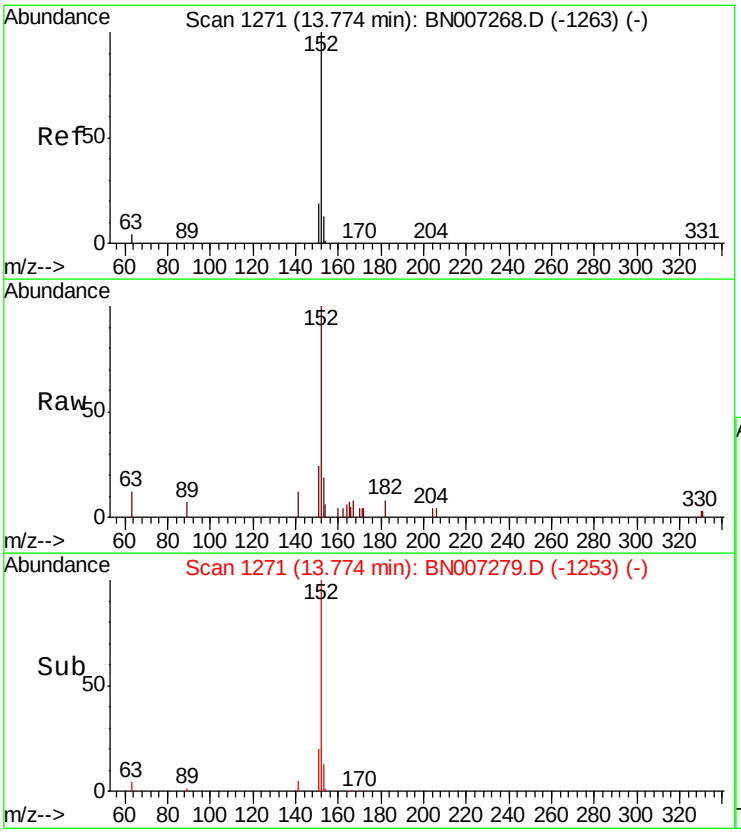
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16142

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.2	18.7	28.1

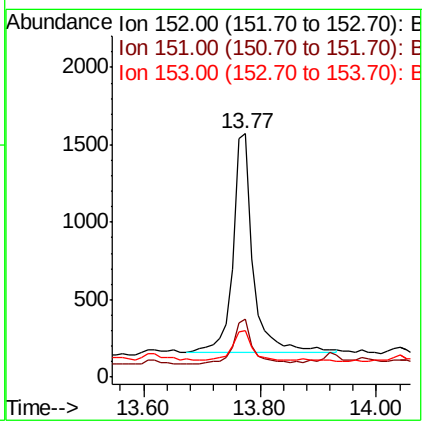


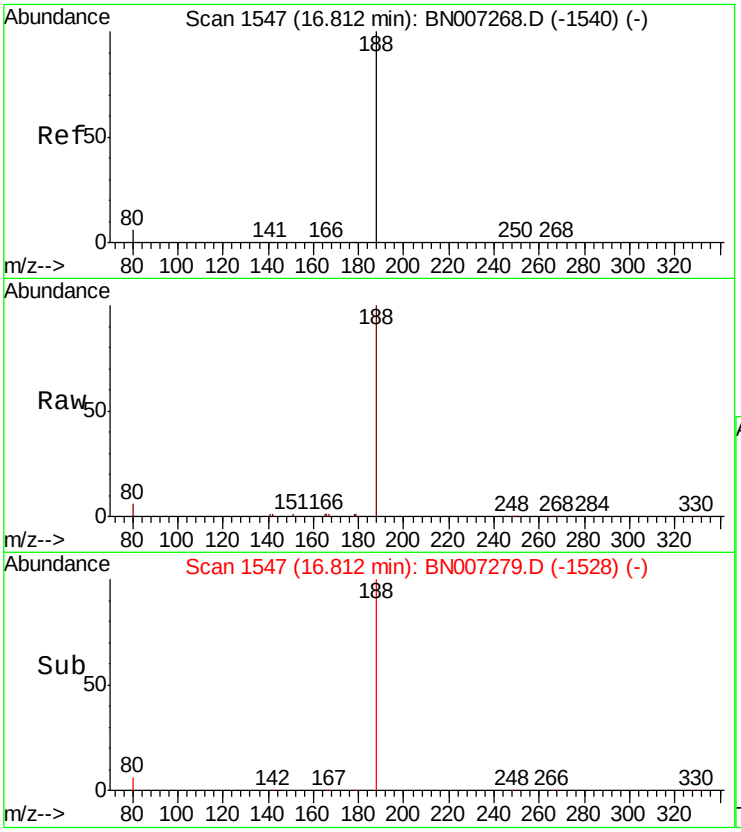


#16
Acenaphthylene
Concen: 0.052 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:152 Resp: 3419

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2
153	13.1	10.1	15.1



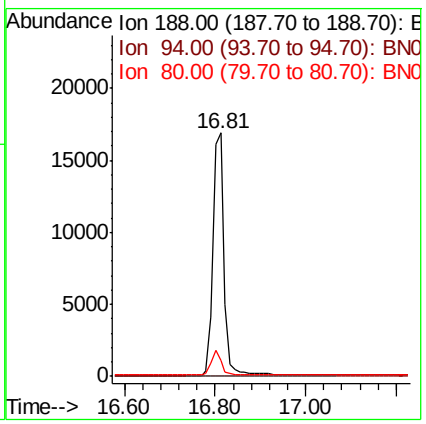


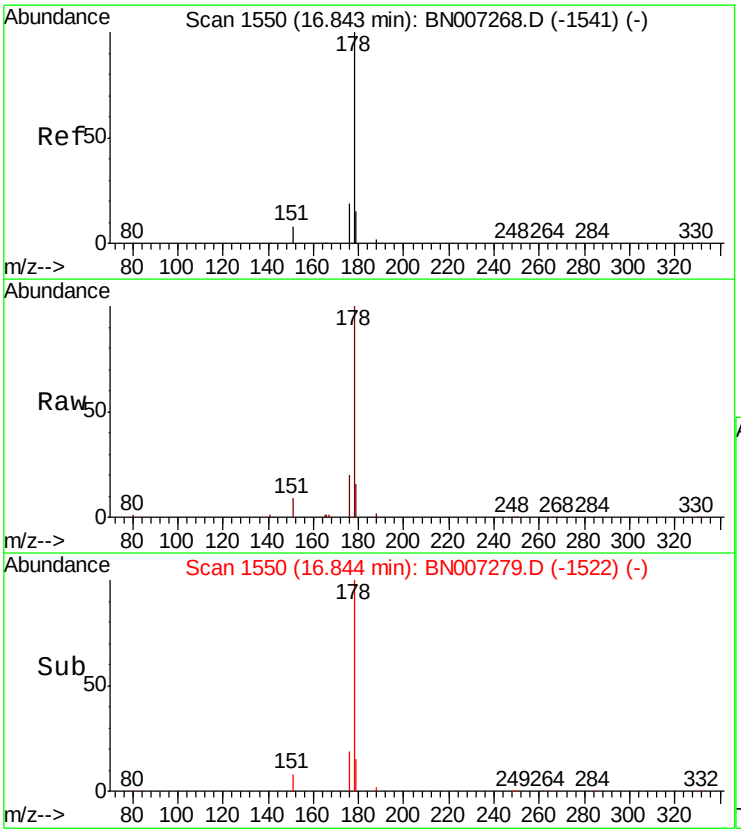
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 28801

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	5.2	7.8

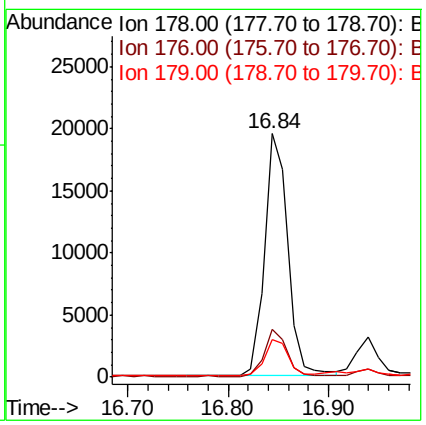


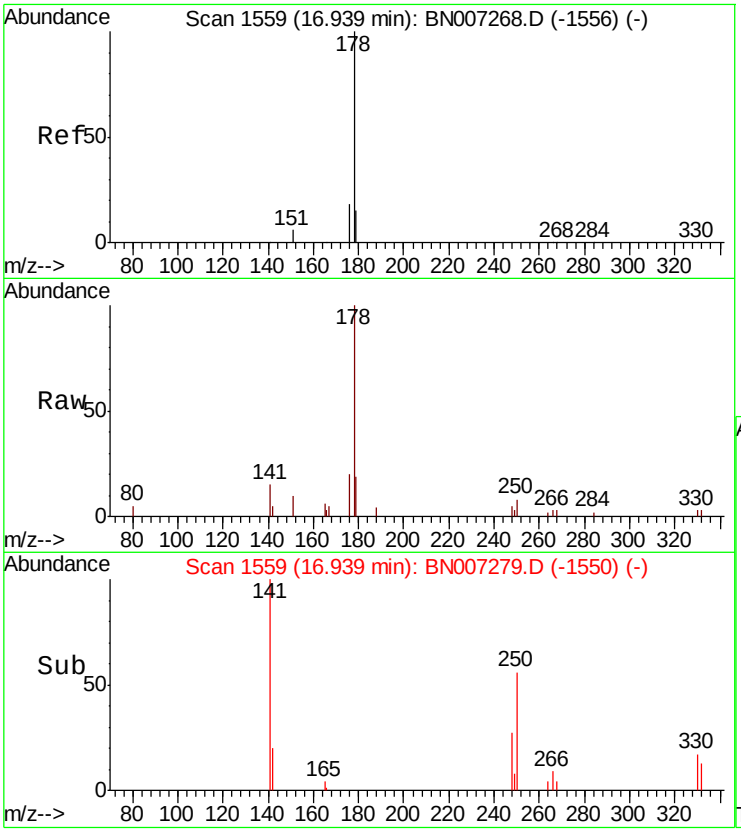


#23
Phenanthrene
Concen: 0.348 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:178 Resp: 31409

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.5	12.3	18.5



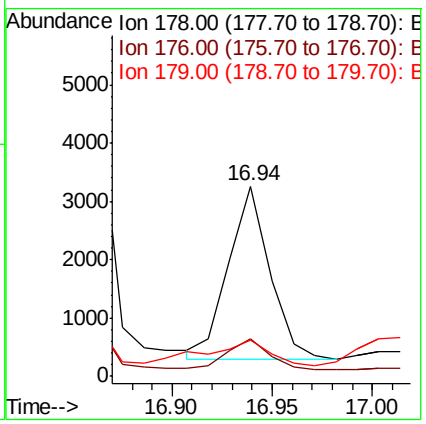


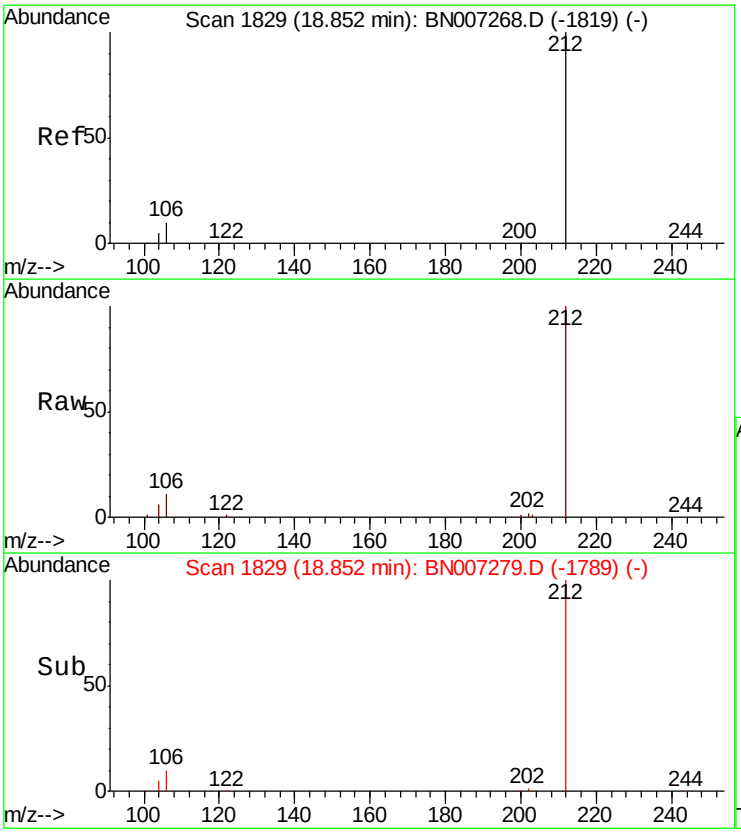
#24
Anthracene
Concen: 0.052 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4236

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.3	21.5
179	22.3	12.3	18.5#

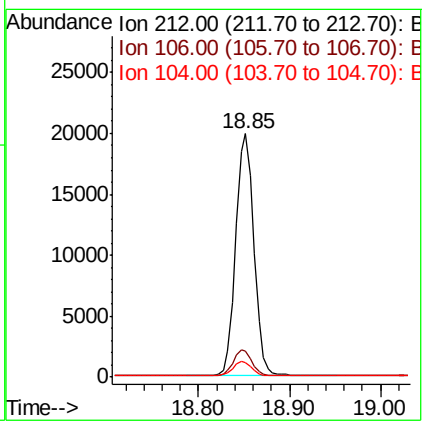


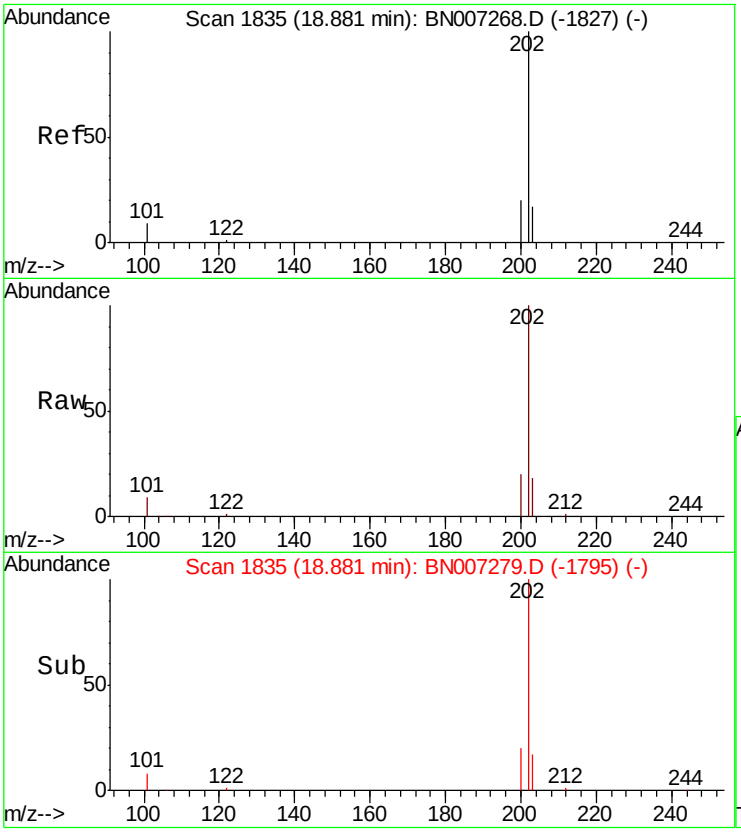


#25
Fluoranthene-d10
Concen: 0.306 ng
RT: 18.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:212 Resp: 27913

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.4
104	5.9	4.7	7.1



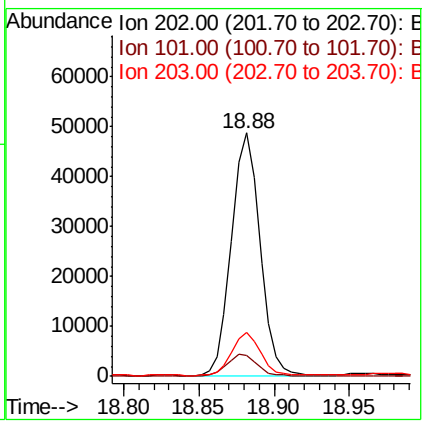


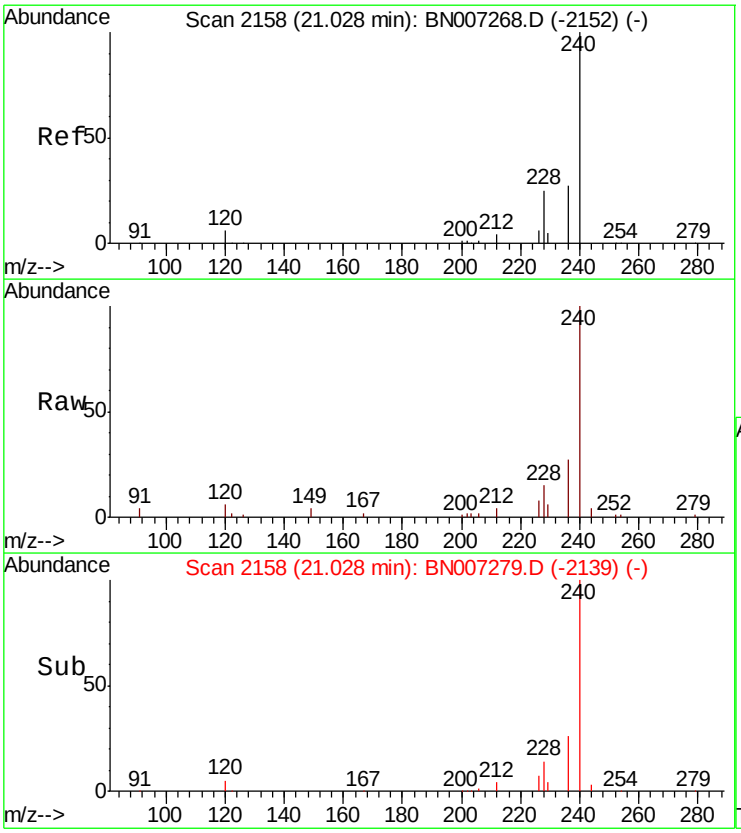
#26
Fluoranthene
Concen: 0.586 ng
RT: 18.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 64055

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	17.4	13.8	20.6

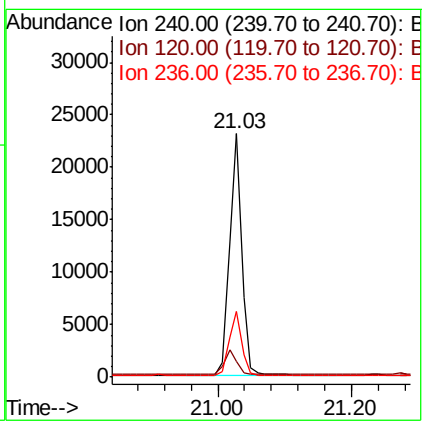


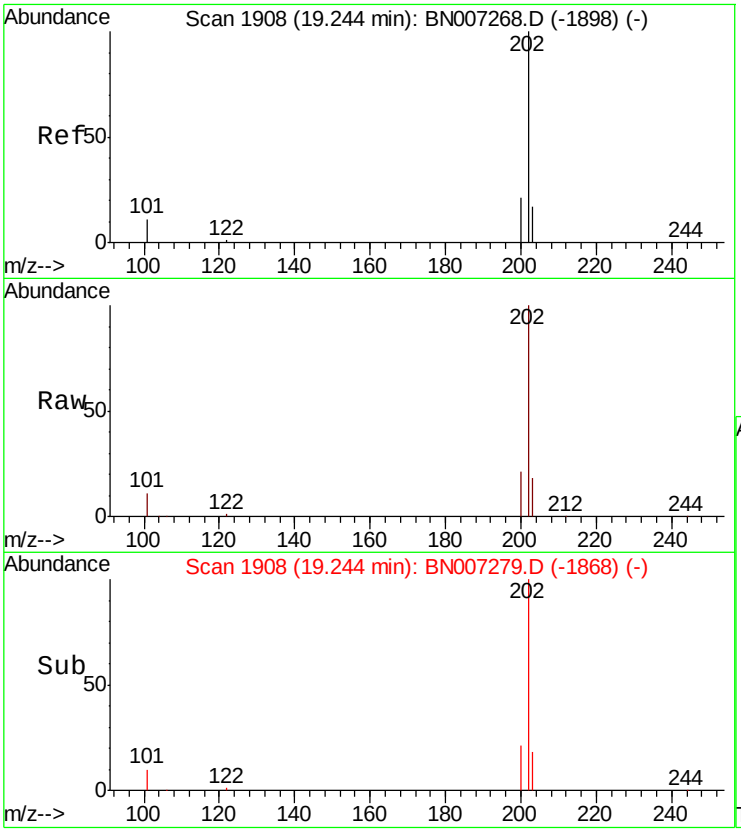


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:240 Resp: 29600

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.6	8.4
236	27.1	21.6	32.4



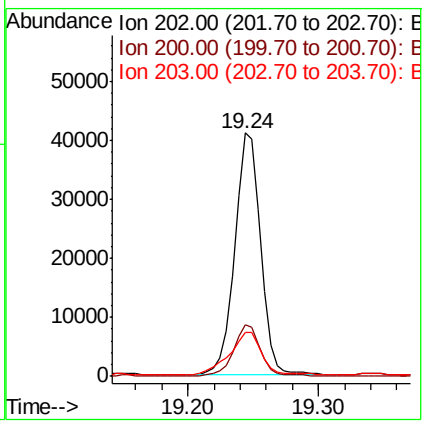


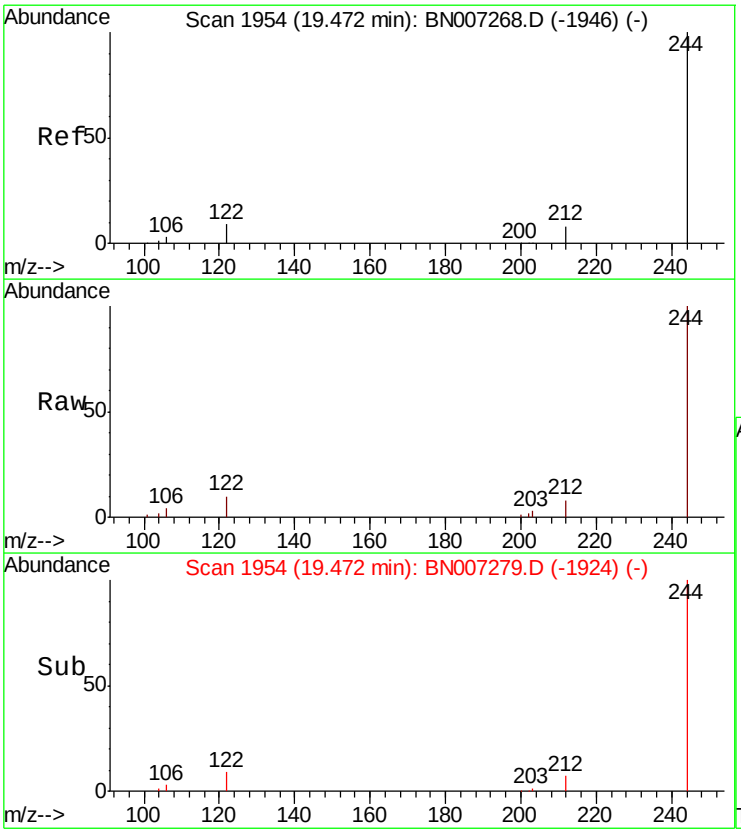
#28
Pyrene
Concen: 0.518 ng
RT: 19.24 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 57345

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	22.0	13.9	20.9#

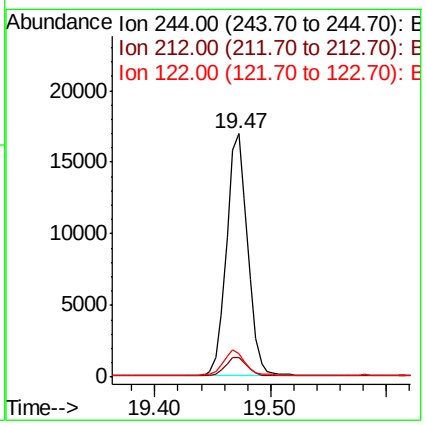


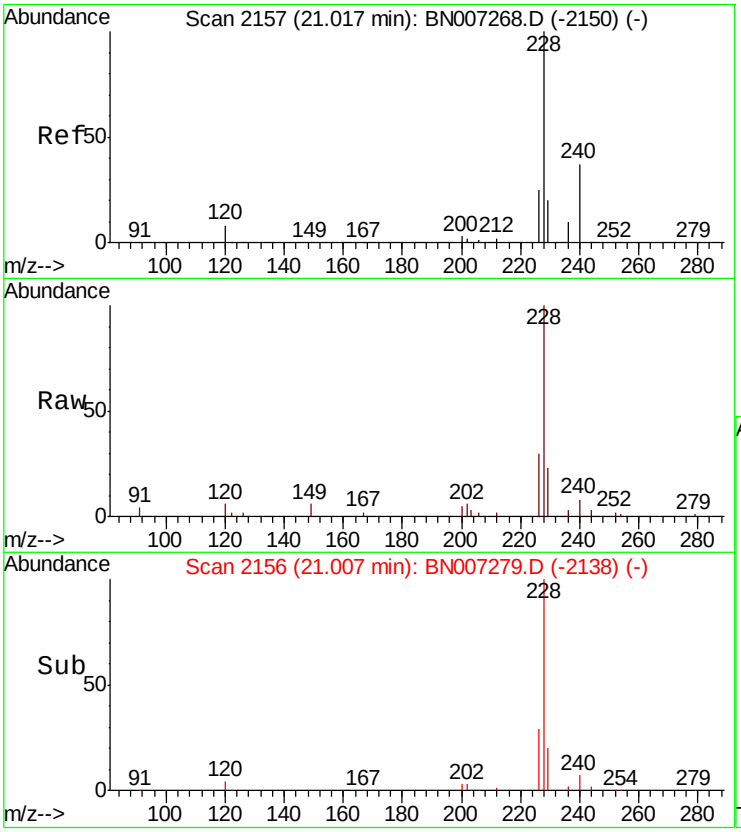


#29
Terphenyl-d14
Concen: 0.289 ng
RT: 19.47 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:244 Resp: 21395

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.7	7.9	11.9



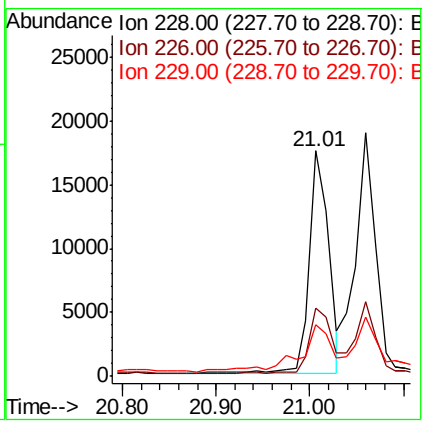


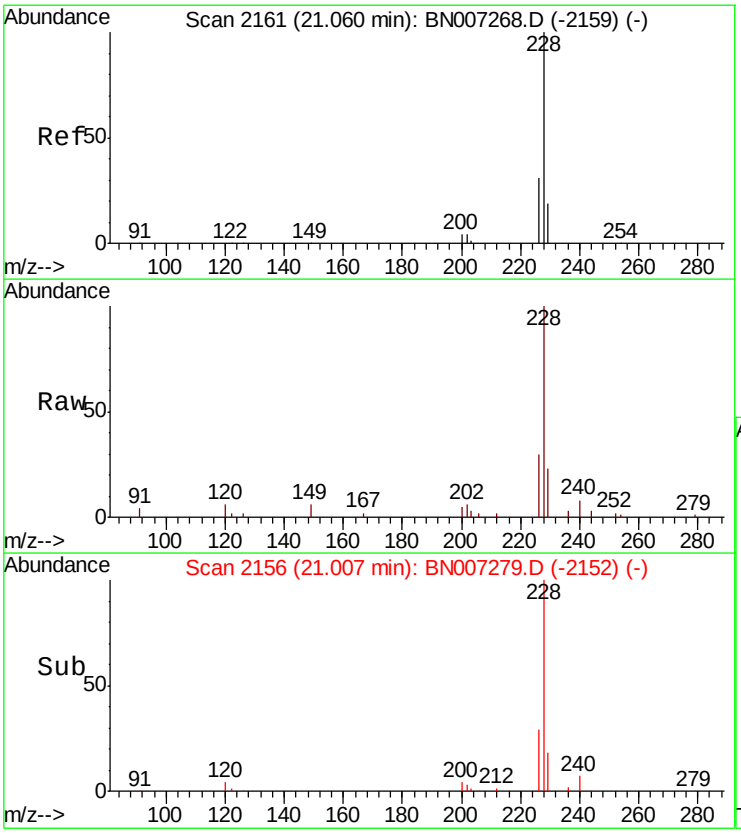
#30
Benzo(a)anthracene
Concen: 0.226 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 24869

Ion	Ratio	Lower	Upper
228	100		
226	30.2	20.6	30.8
229	22.8	16.9	25.3

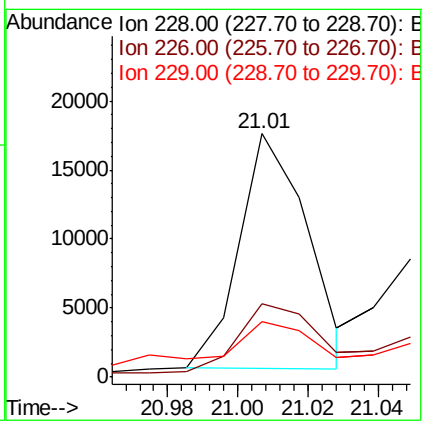


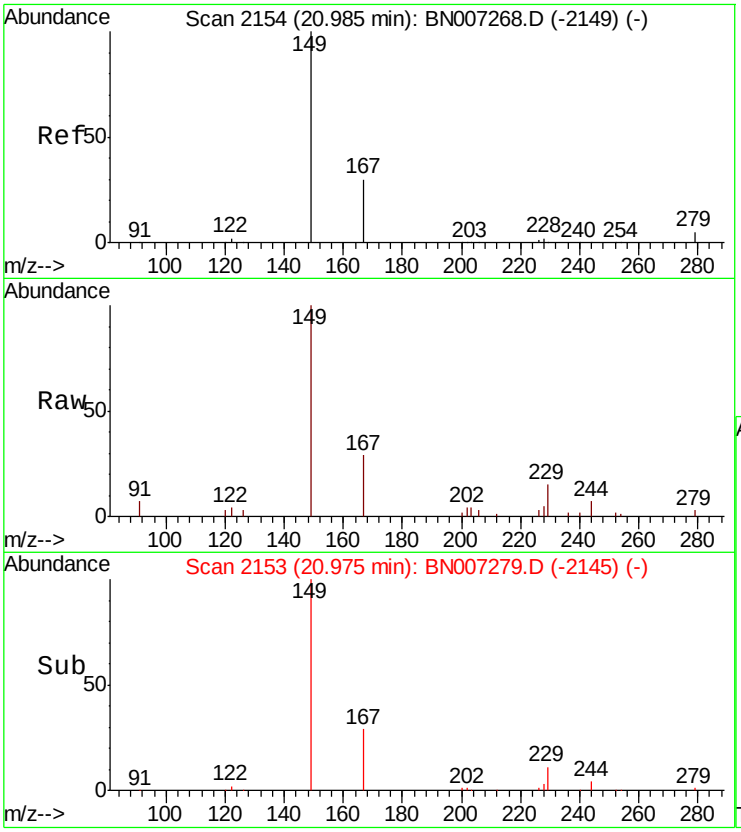


#31
Chrysene
Concen: 0.205 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.05 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:228 Resp: 23014

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	22.8	15.6	23.4



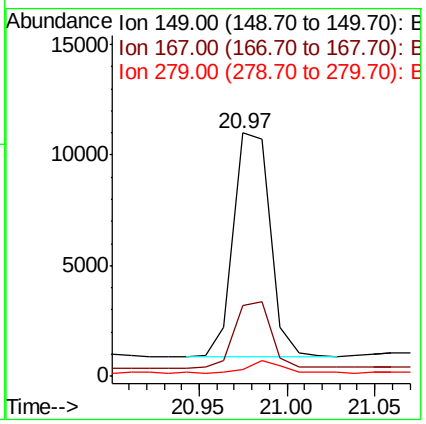


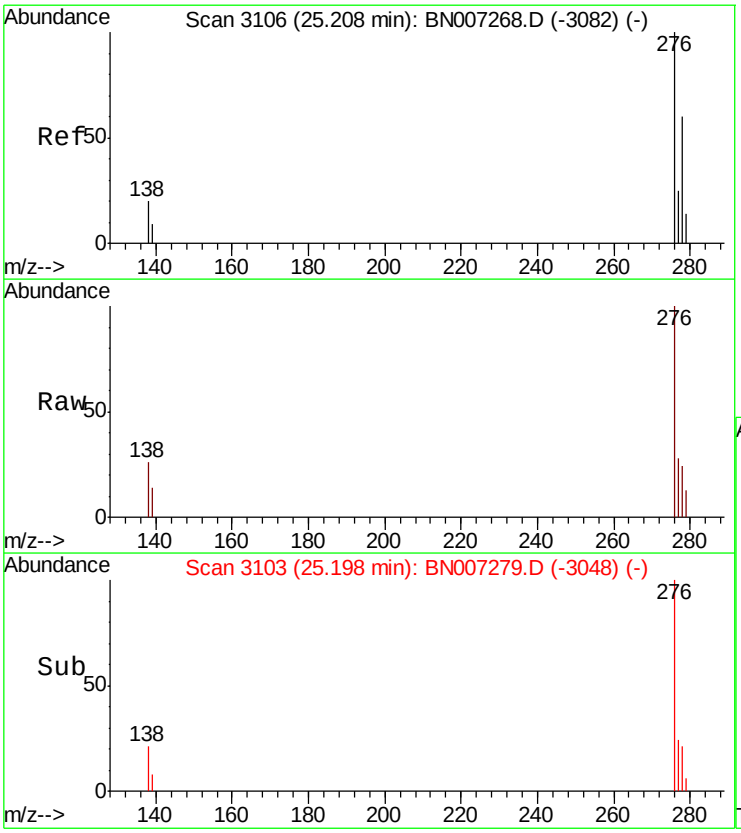
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.329 ng
RT: 20.97 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 14494

Ion	Ratio	Lower	Upper
149	100		
167	31.2	23.8	35.6
279	4.7	3.8	5.8

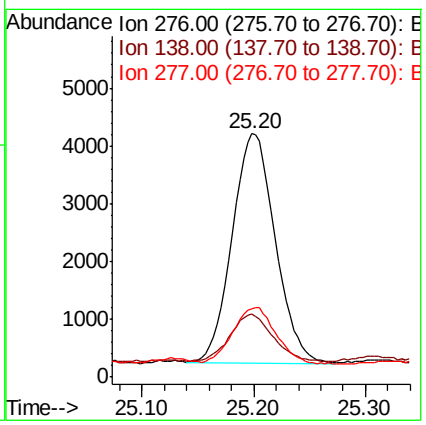


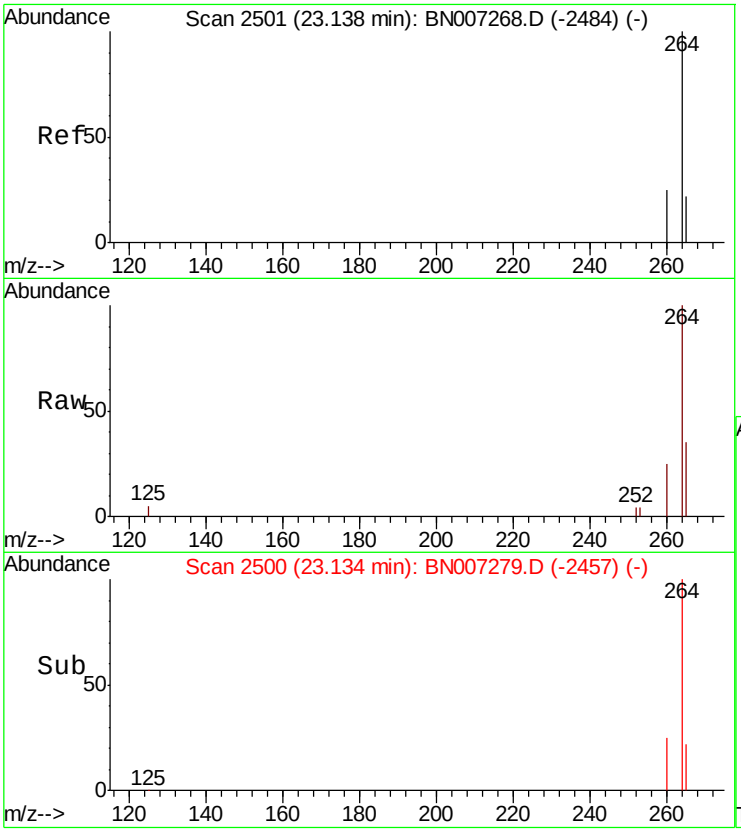


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng
RT: 25.20 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:276 Resp: 10565

Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.1	25.7
277	24.2	20.1	30.1



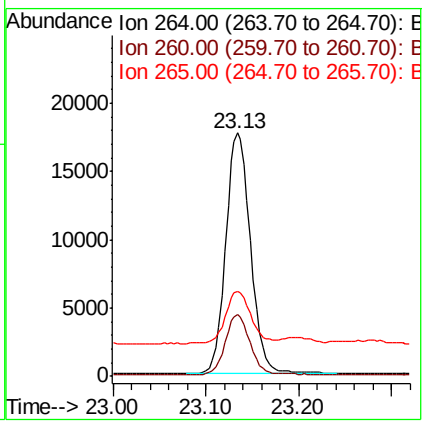


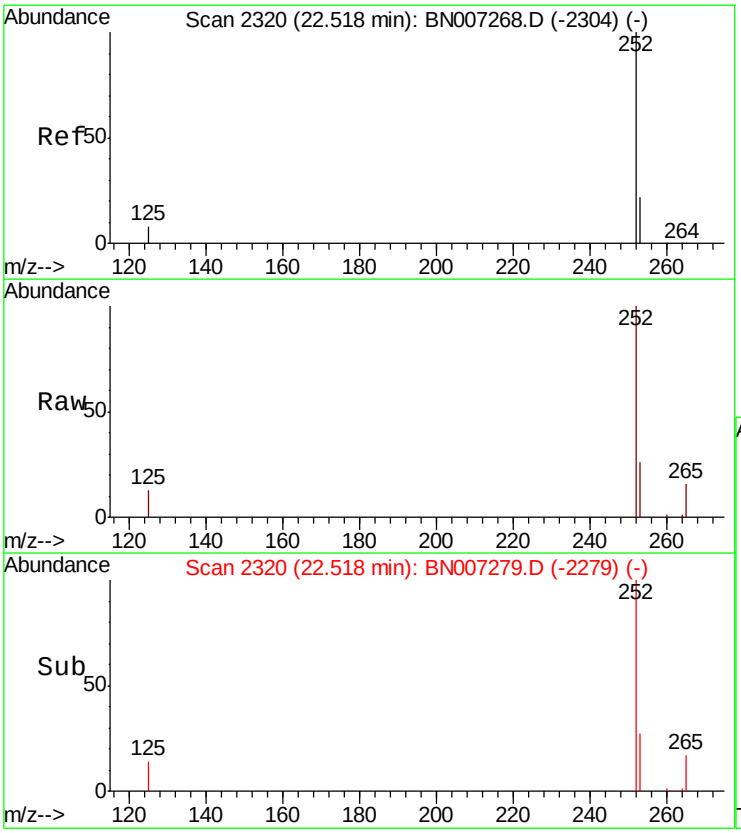
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 32947

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	35.0	29.0	43.6

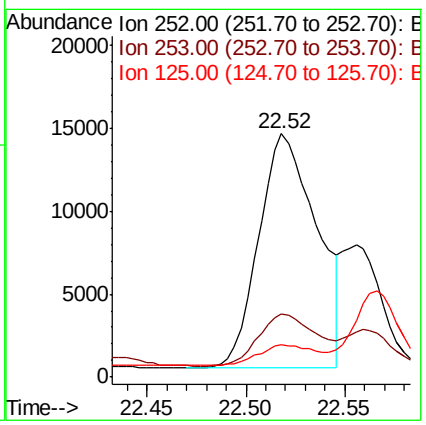


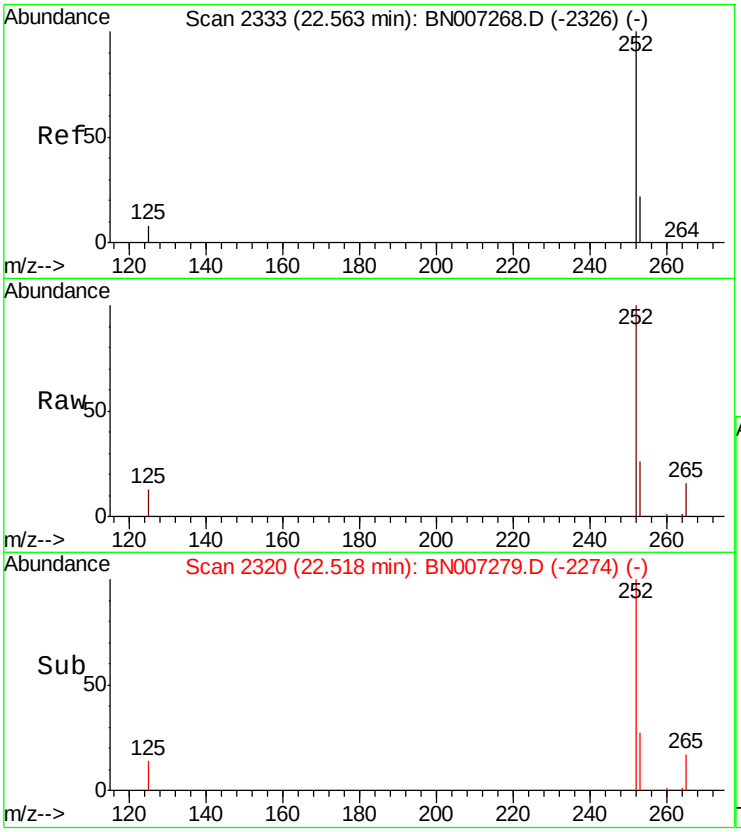


#35
Benzo(b)fluoranthene
Concen: 0.235 ng
RT: 22.52 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:252 Resp: 28845

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.5	27.7
125	13.2	7.8	11.6#



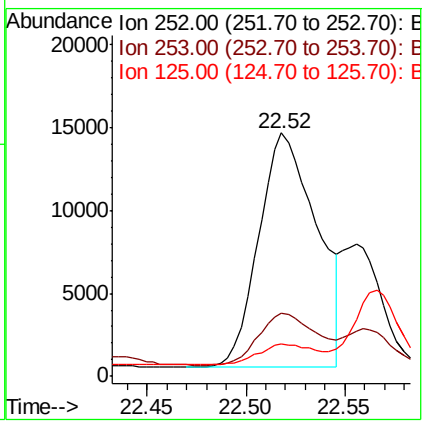


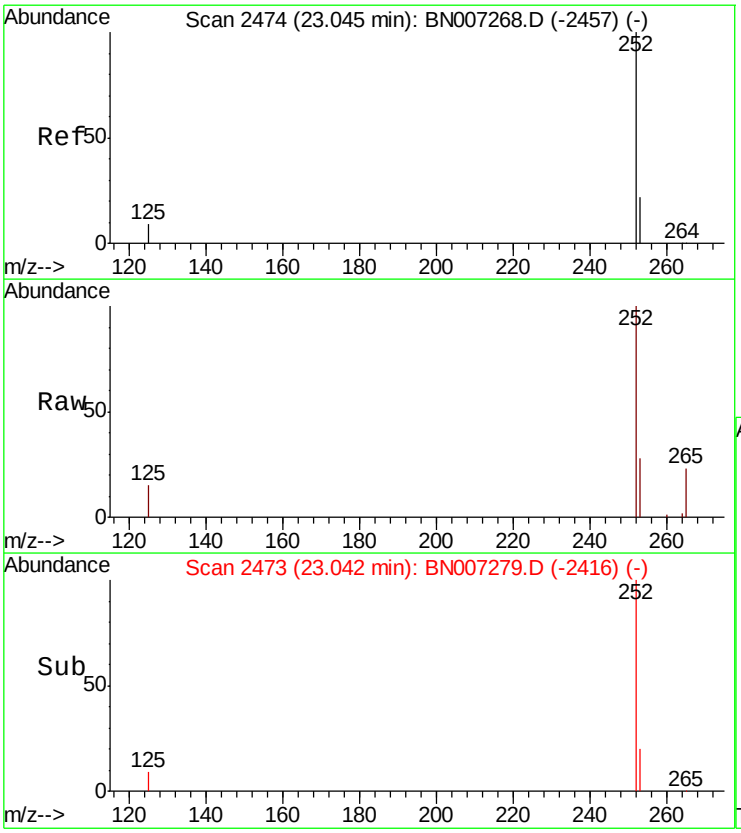
#36
Benzo(k)fluoranthene
Concen: 0.240 ng
RT: 22.52 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 28845

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.4	27.6
125	13.2	8.0	12.0#

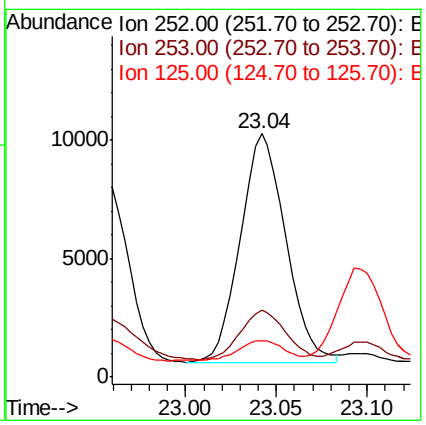


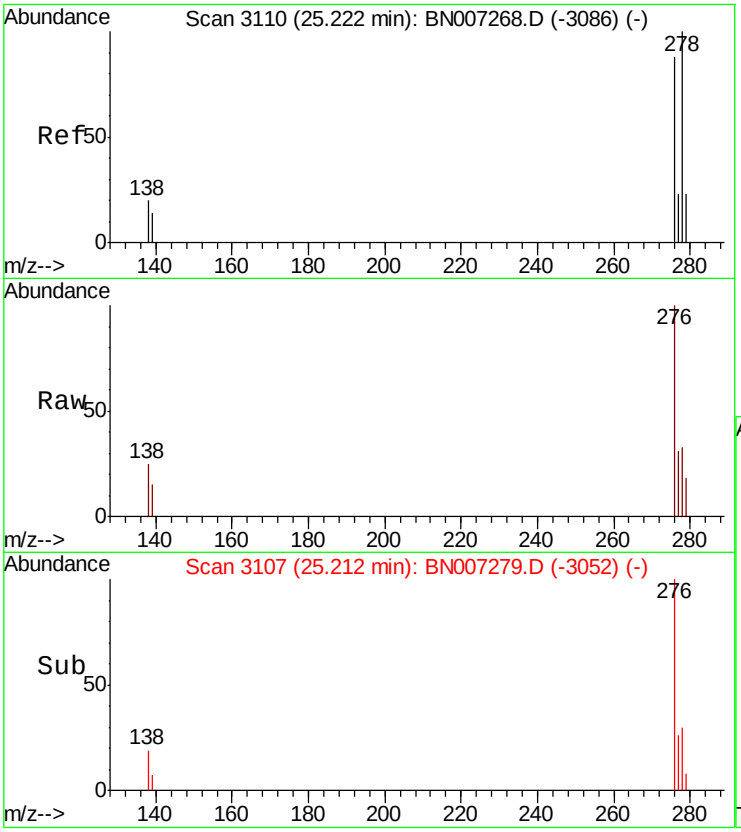


#37
Benzo(a)pyrene
Concen: 0.151 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:252 Resp: 16719

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.7	28.1
125	15.0	8.7	13.1#



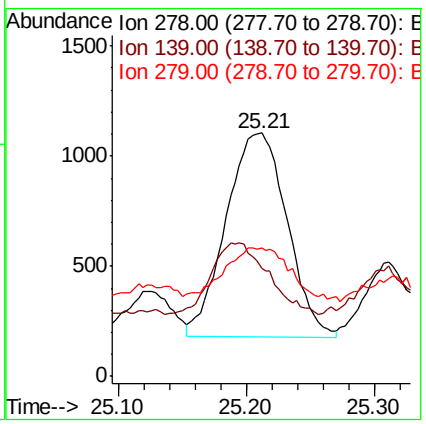


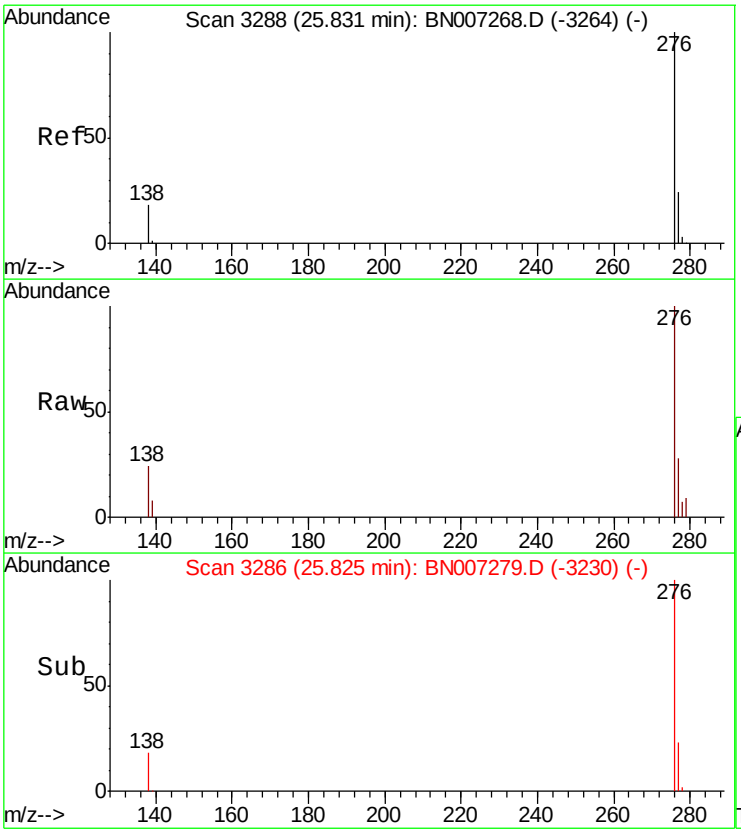
#38
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 3048

Ion	Ratio	Lower	Upper
278	100		
139	44.6	11.8	17.8#
279	52.8	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 25.82 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BN007279.D
Acq: 21 Aug 2019 04:50

Tgt Ion:276 Resp: 10101

Ion	Ratio	Lower	Upper
276	100		
277	27.9	19.5	29.3
138	24.3	15.3	22.9#