Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007126.D
Acq On : 13 Aug 2019 11:43
Operator : HP/JU
Sample : K4240-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 12:58:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8888	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	34549	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	19716	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	46050	0.40	ng		0.00
26) Chrysene-d12	21.05	240	44655	0.40	ng		-0.01
32) Perylene-d12	23.16	264	49954	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	8727	0.41	ng		0.00
4) Phenol-d6	6.62	99	11760	0.44	ng		0.00
7) Nitrobenzene-d5	8.56	82	9415	0.34	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	21279	0.33	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1384	0.13	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	5533	0.19	ng		0.00
24) Fluoranthene-d10	18.87	212	53745	0.33	ng		0.00
28) Terphenyl-d14	19.49	244	42407	0.35	ng		0.00
Target Compounds							Qvalue
15) Acenaphthylene	13.79	152	13338	0.129	ng		97
16) Acenaphthene	14.13	154	1358	0.021	ng	#	93
17) Fluorene	15.14	166	2592	0.026	ng	#	12
22) Phenanthrene	16.87	178	4002	0.029	ng	#	91
27) Pyrene	19.26	202	3897	0.025	ng	#	83

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

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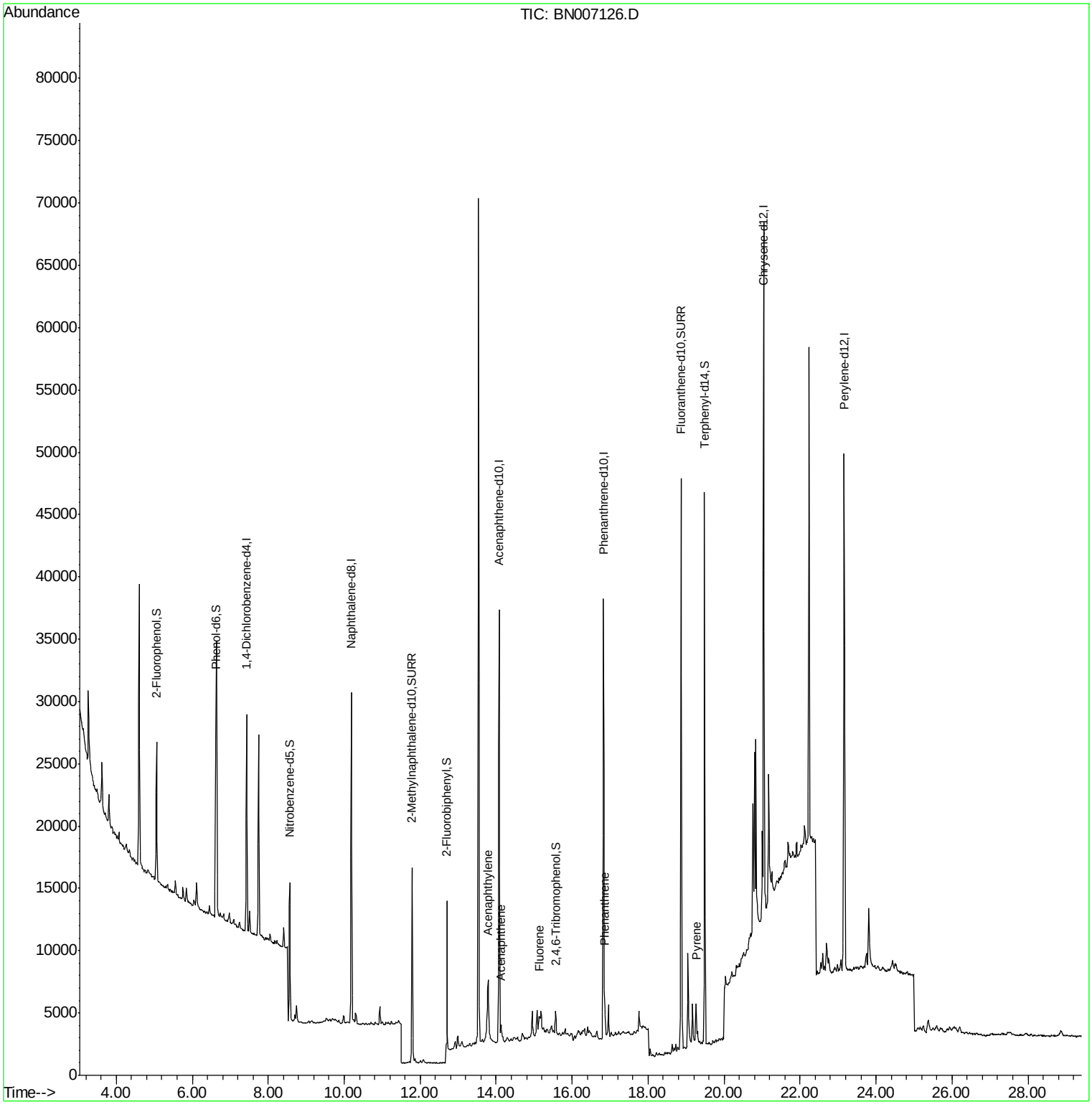
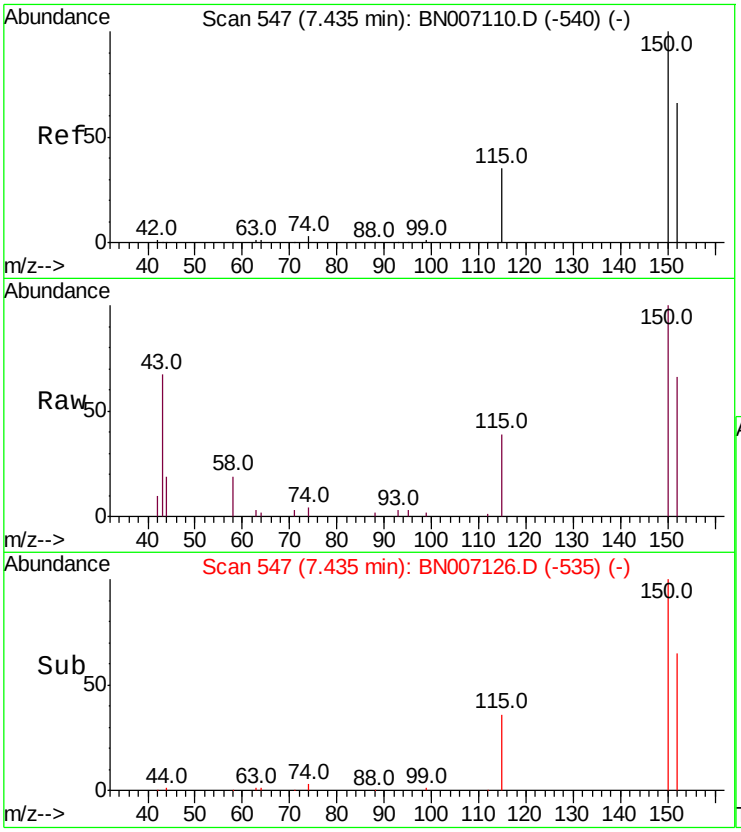
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



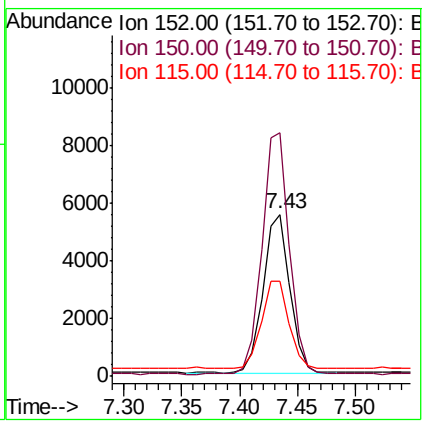


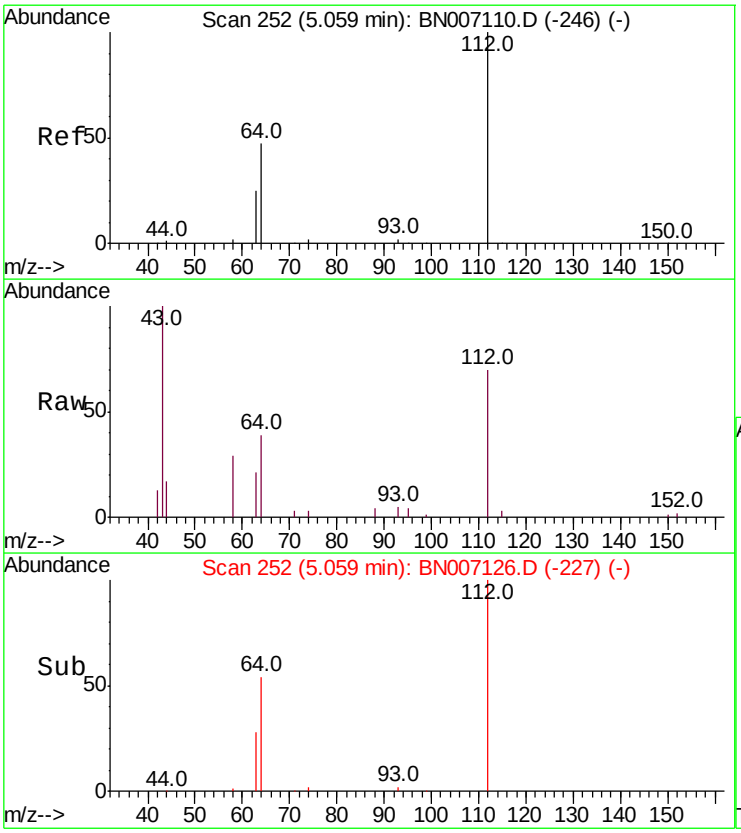
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8888

Ion	Ratio	Lower	Upper
152	100		
150	150.6	121.7	182.5
115	59.1	46.2	69.4

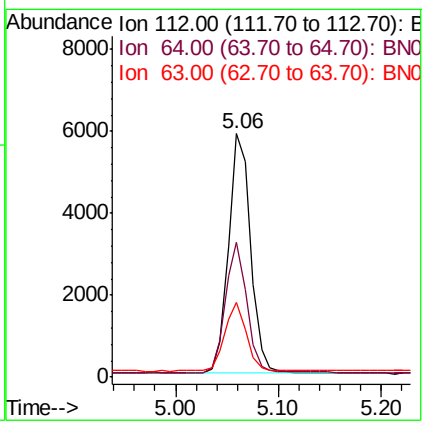


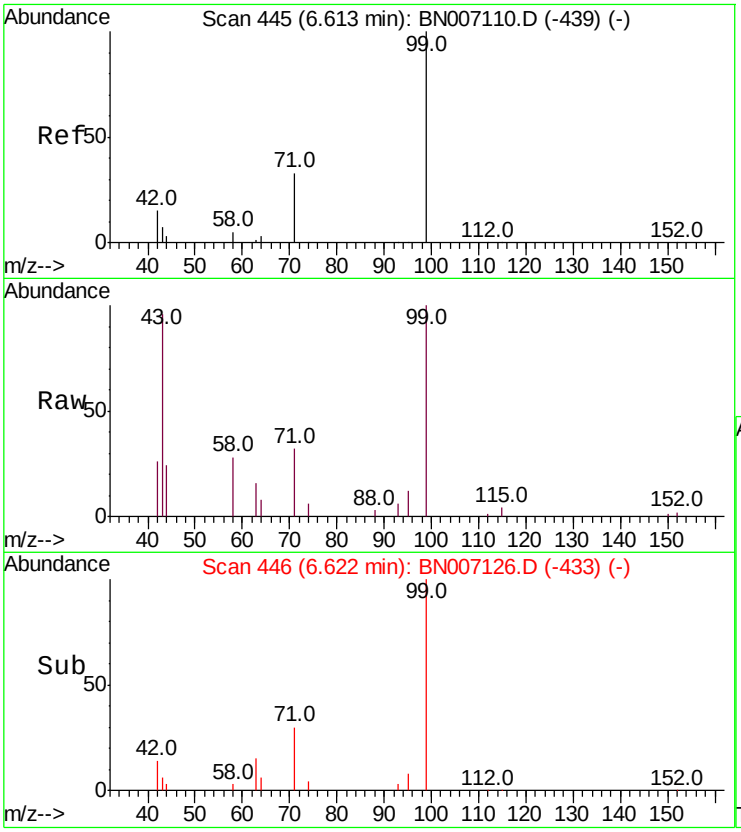


#3
2-Fluorophenol
Concen: 0.409 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:112 Resp: 8727

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.6	63.8
63	28.1	22.2	33.2



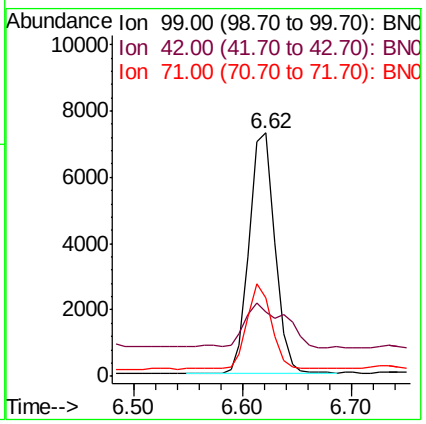


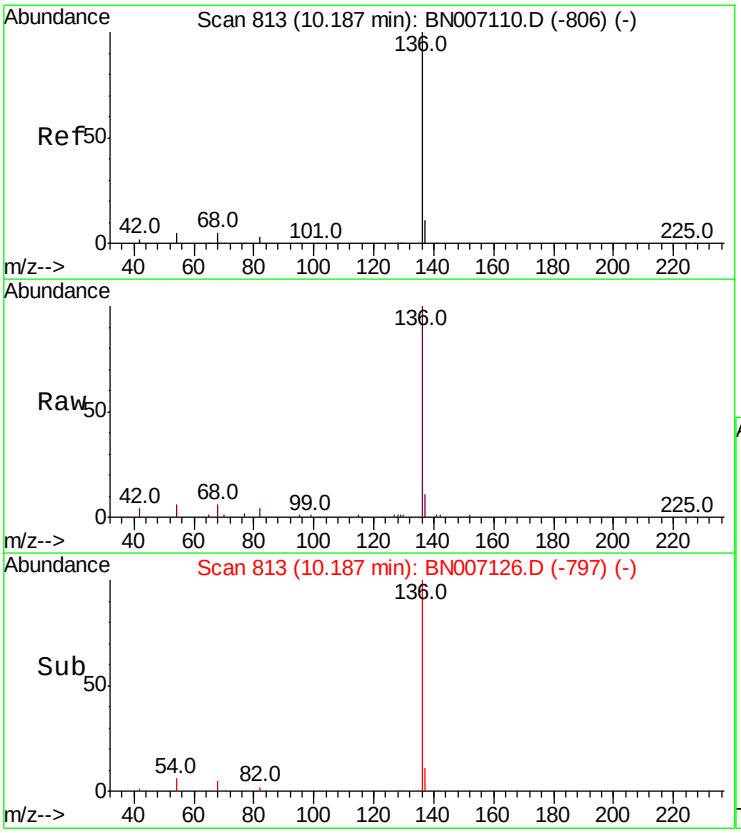
#4
Phenol-d6
Concen: 0.445 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 11760

Ion	Ratio	Lower	Upper
99	100		
42	29.0	15.8	23.6#
71	33.5	27.0	40.4

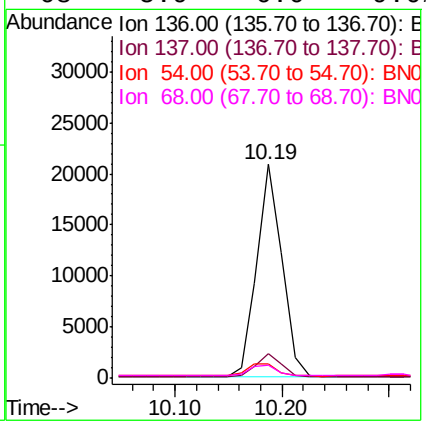


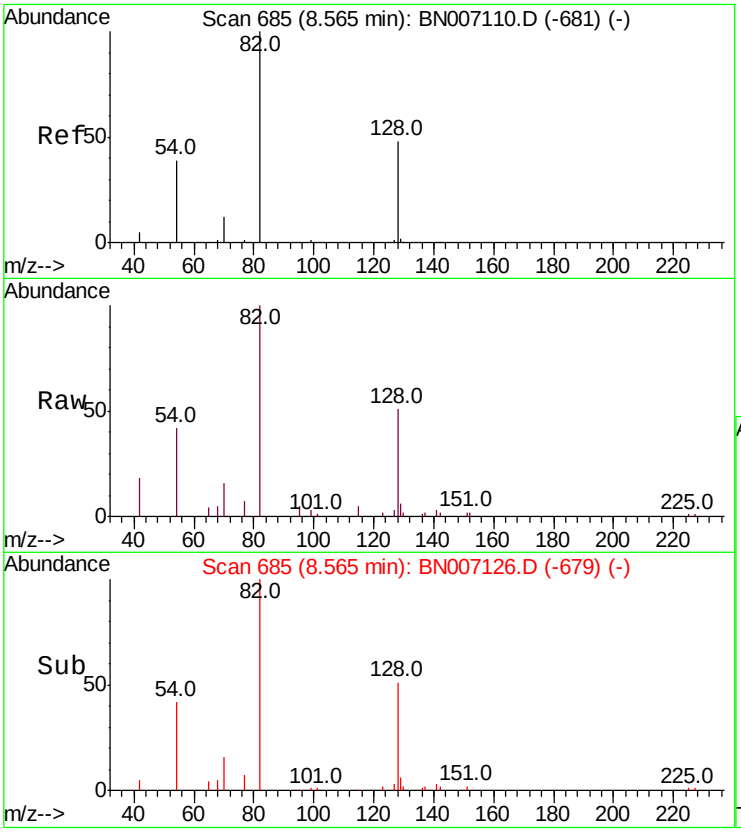


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:136 Resp: 34549

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	6.5	6.6	9.8#
68	5.9	6.0	9.0#



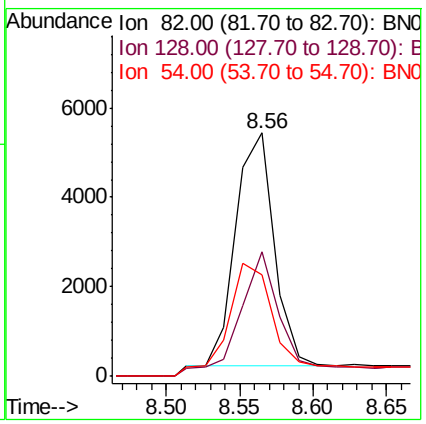


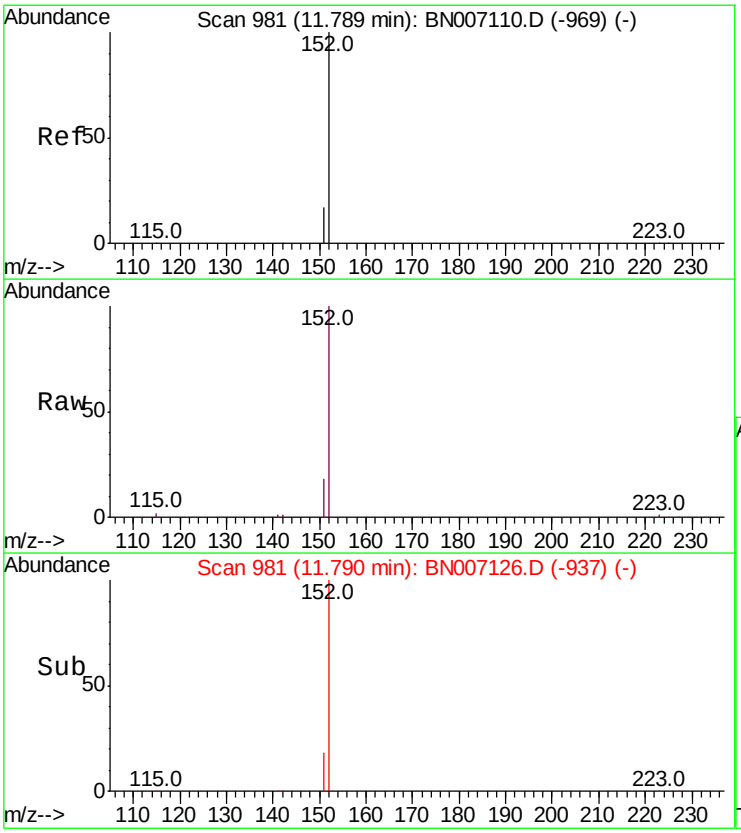
#7
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 9415

Ion	Ratio	Lower	Upper
82	100		
128	51.1	34.6	51.8
54	41.5	36.2	54.4

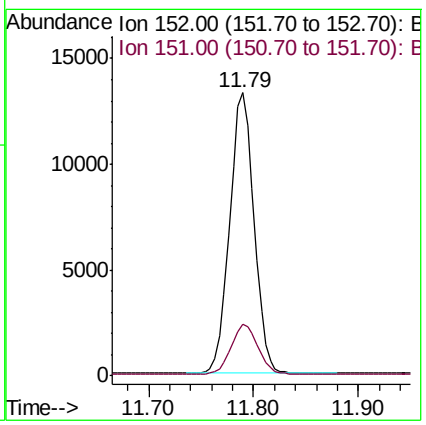


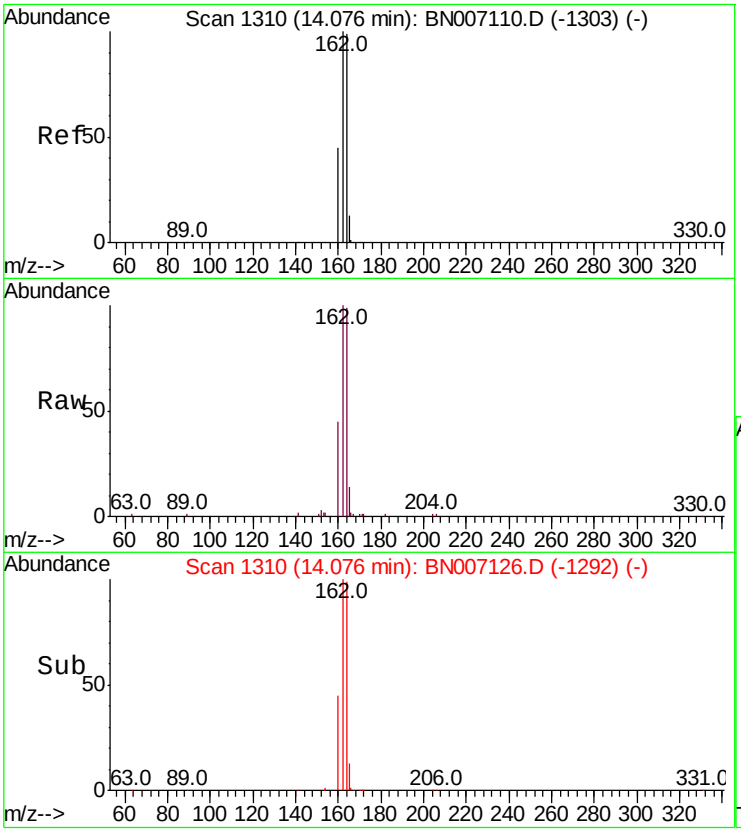


#10
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:152 Resp: 21279

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3



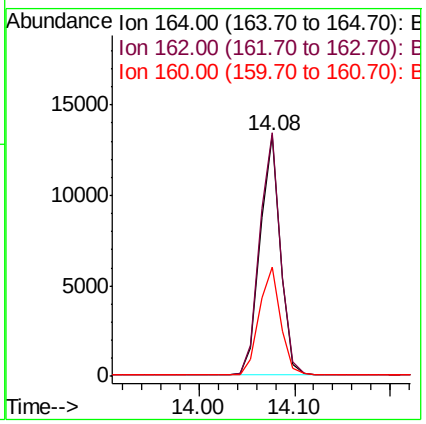


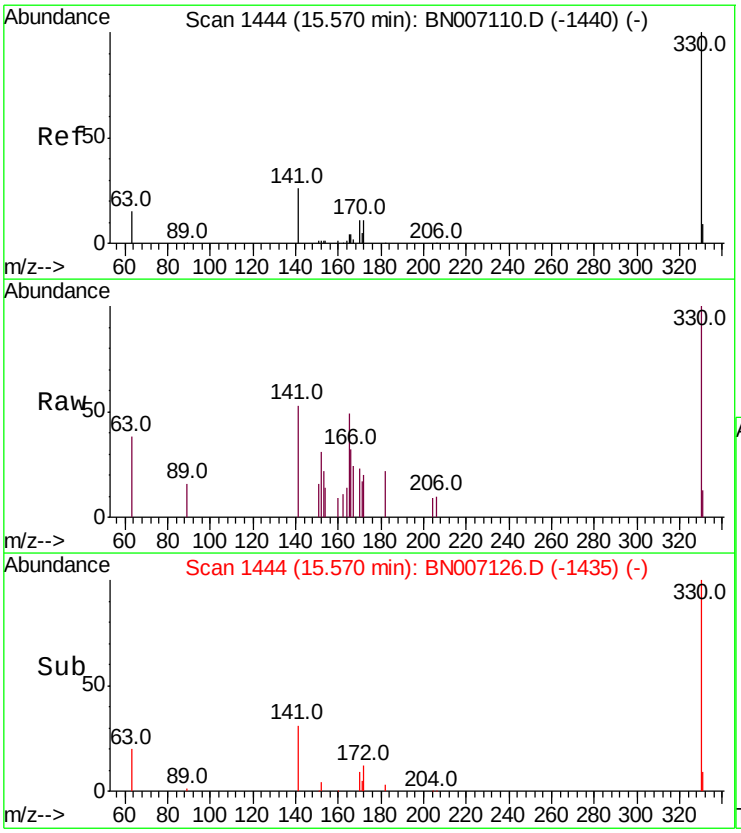
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 19716

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.4
160	45.6	38.3	57.5

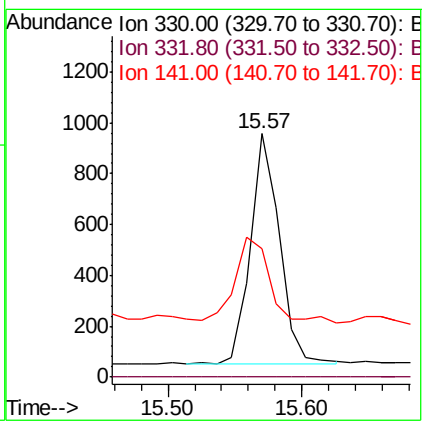


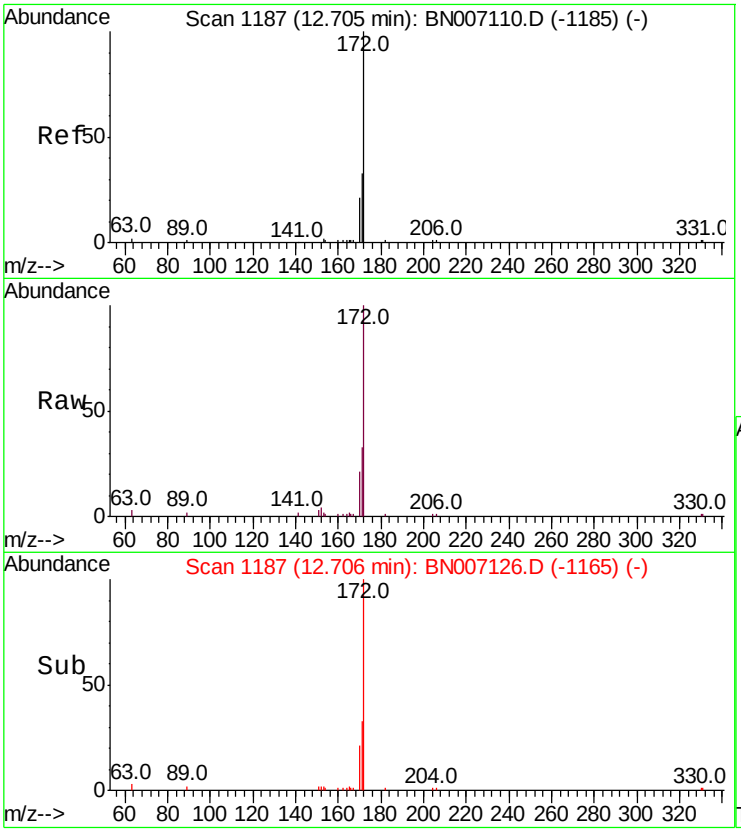


#13
2,4,6-Tribromophenol
Concen: 0.130 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:330 Resp: 1384

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.5	33.6	50.4



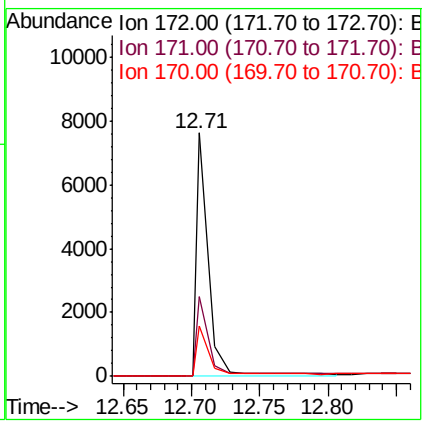


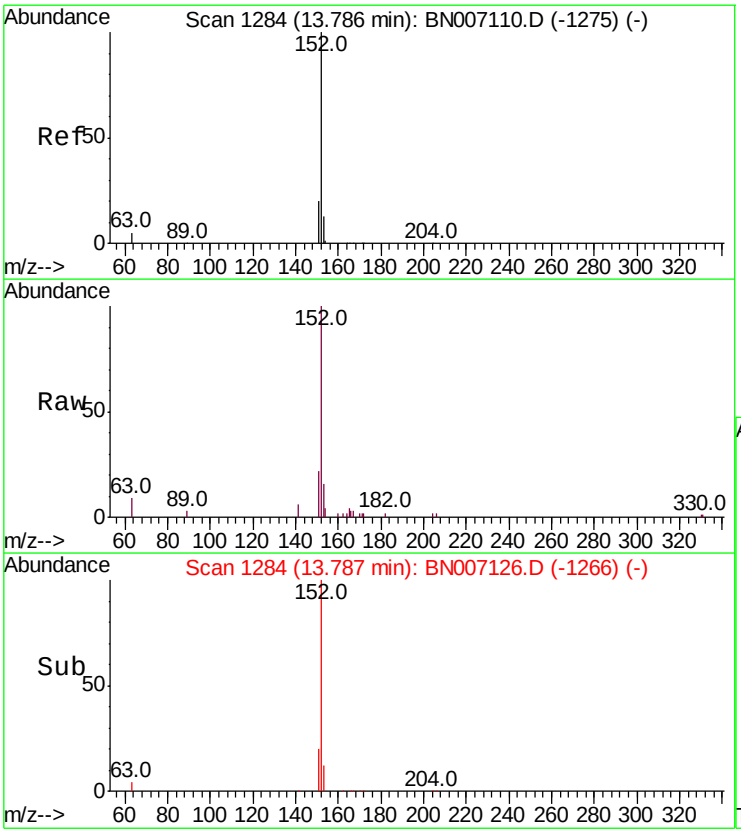
#14
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5533

Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.3	39.5
170	20.7	17.0	25.4

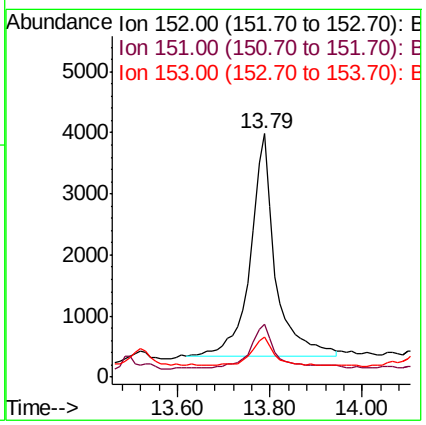


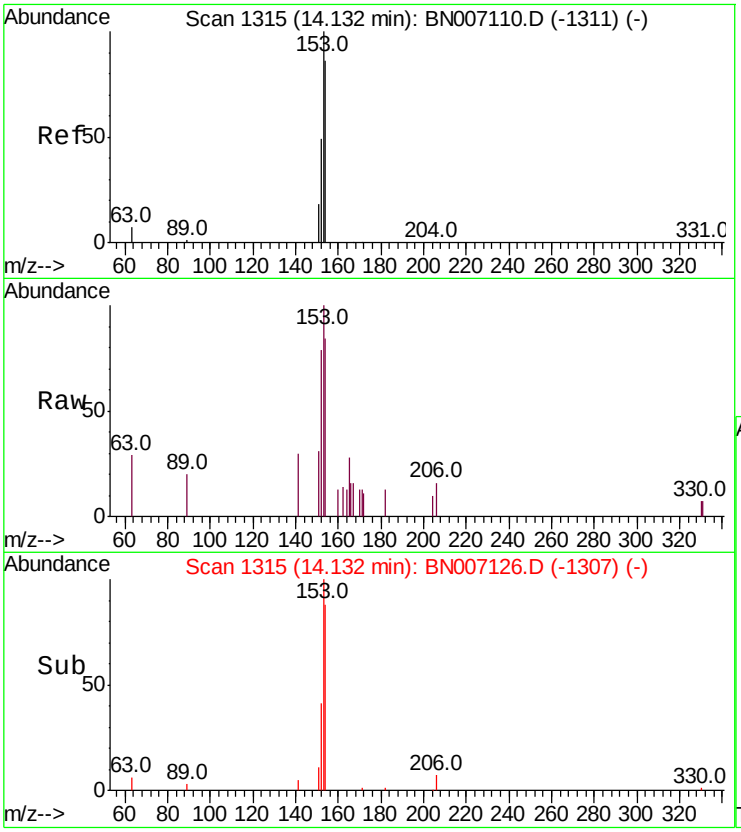


#15
Acenaphthylene
Concen: 0.129 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:152 Resp: 13338

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.8	23.6
153	11.9	10.4	15.6



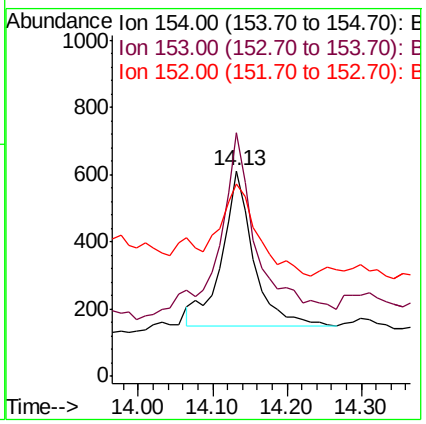


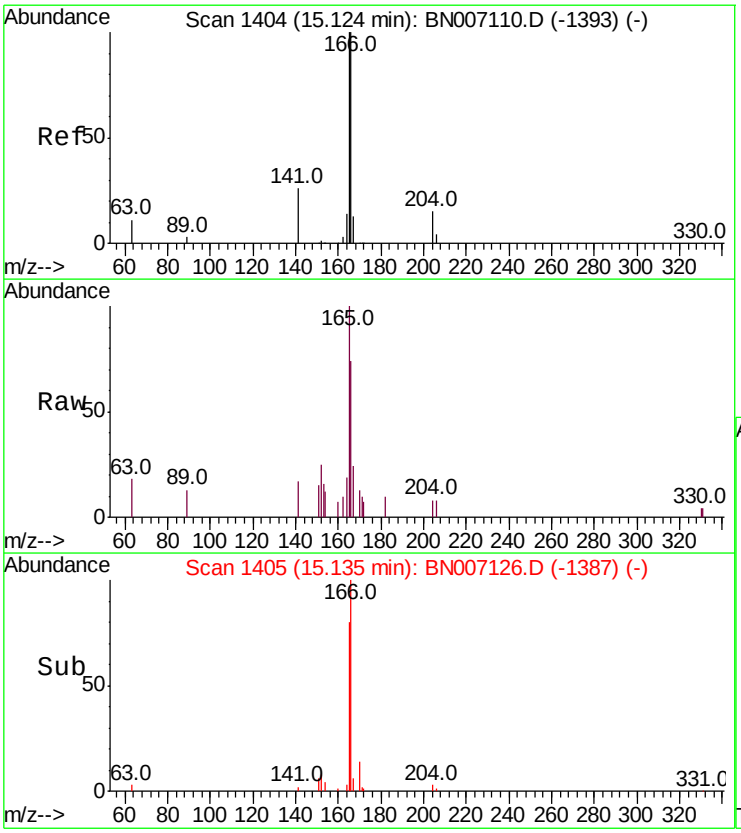
#16
Acenaphthene
Concen: 0.021 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1358

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.5	134.3
152	69.8	44.8	67.2#

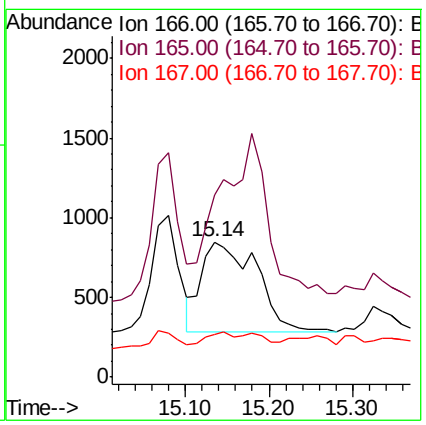


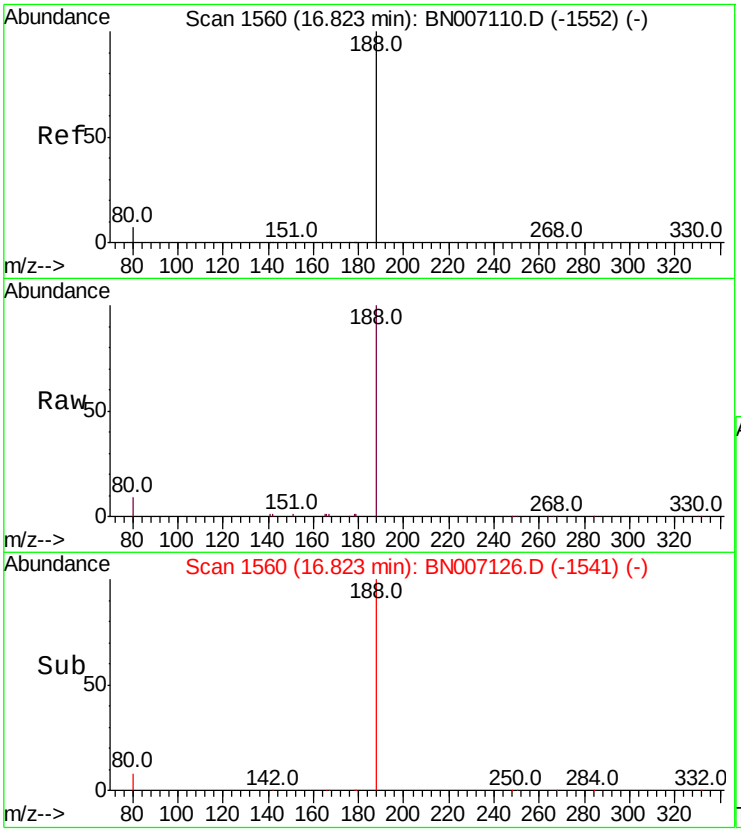


#17
Fluorene
Concen: 0.026 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:166 Resp: 2592

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.9	116.9#
167	10.2	10.9	16.3#



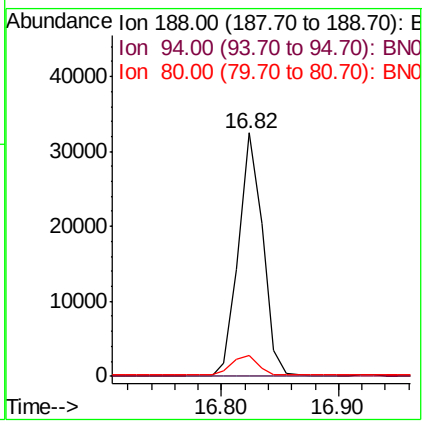


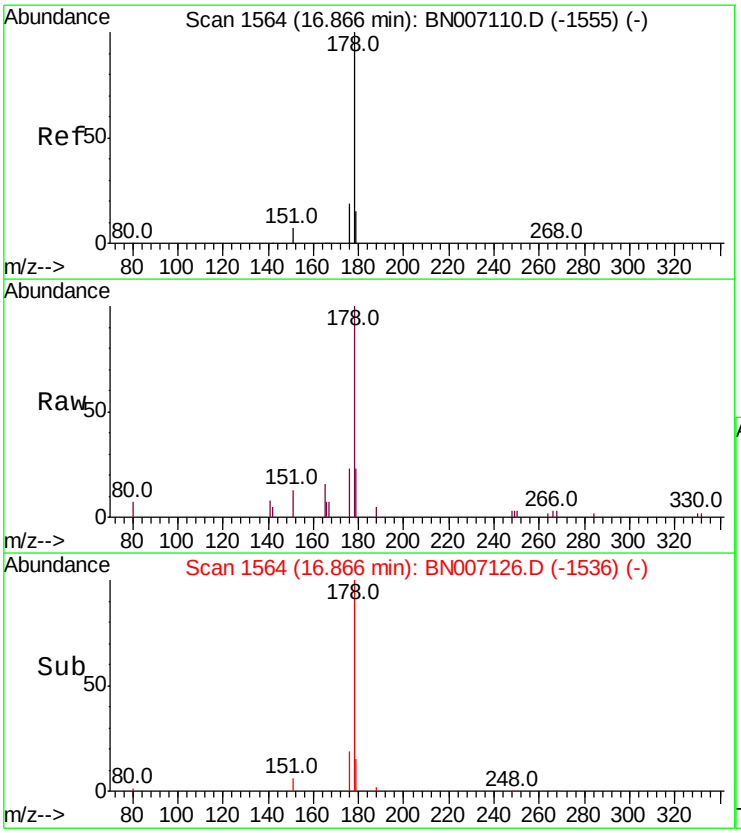
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 46050

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.8	11.6

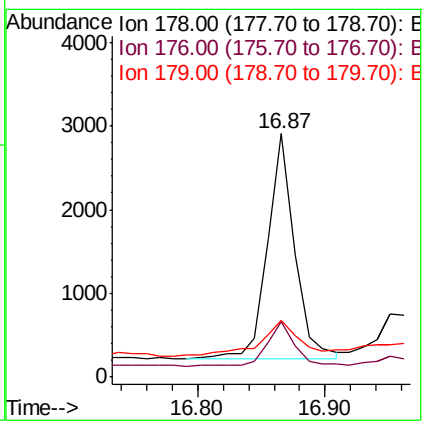


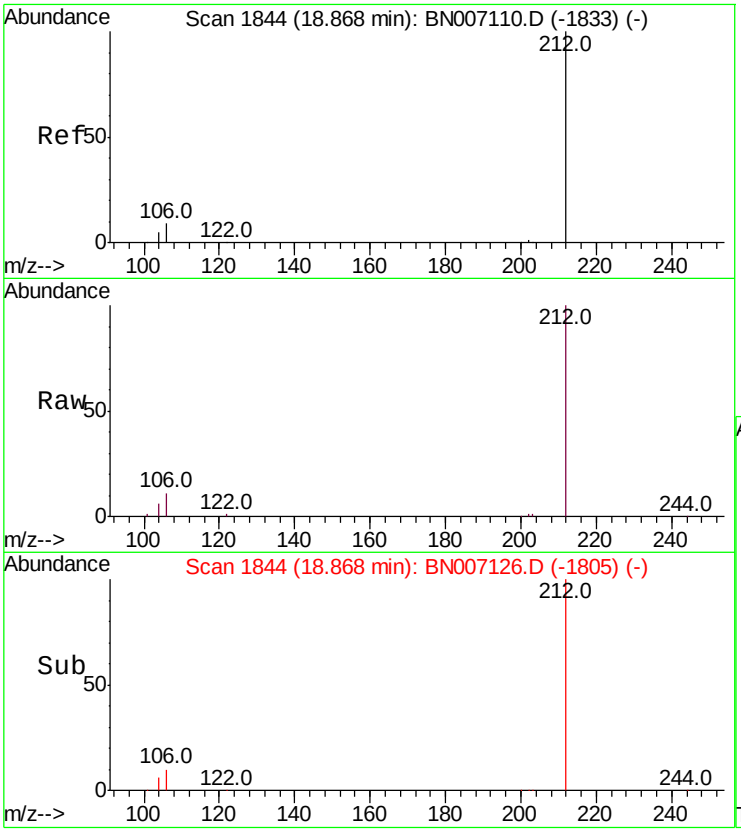


#22
Phenanthrene
Concen: 0.029 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:178 Resp: 4002

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.2	22.8
179	22.1	12.3	18.5#



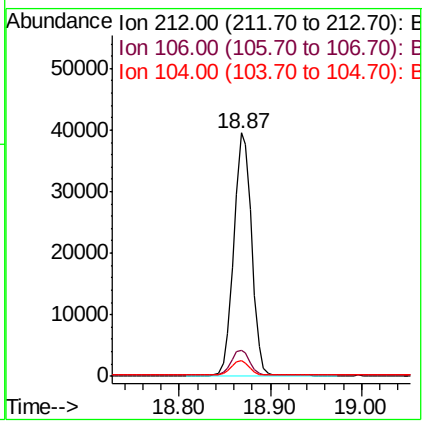


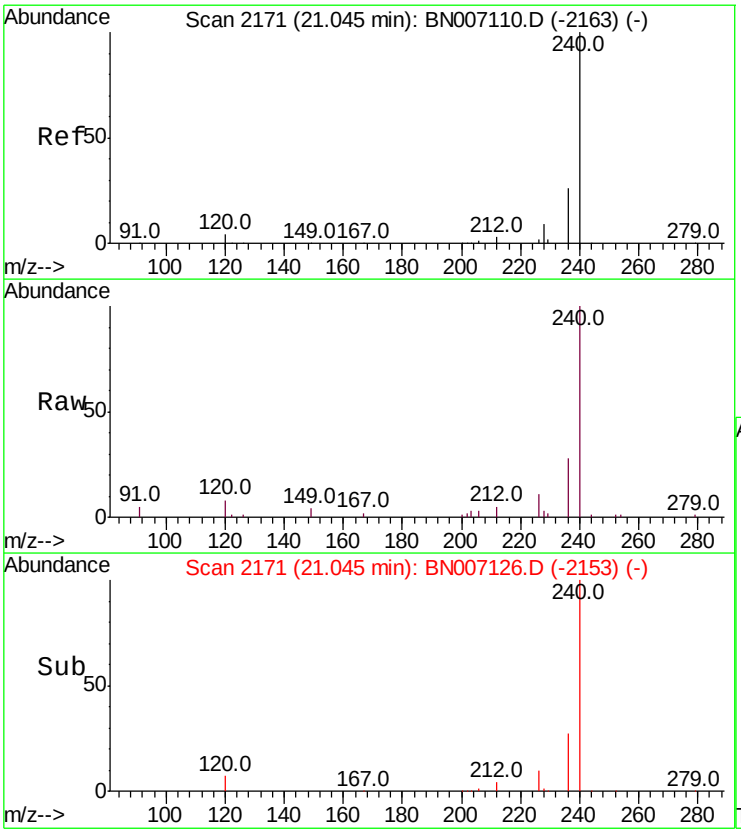
#24
Fluoranthene-d10
Concen: 0.329 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 53745

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.2
104	5.9	4.5	6.7

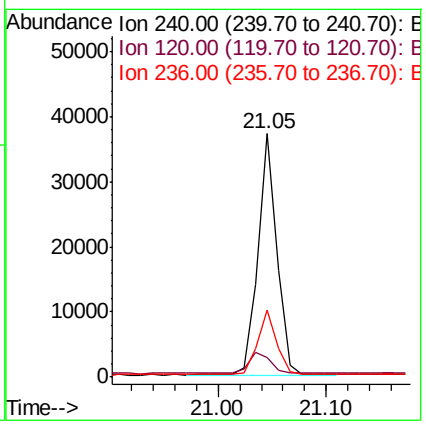


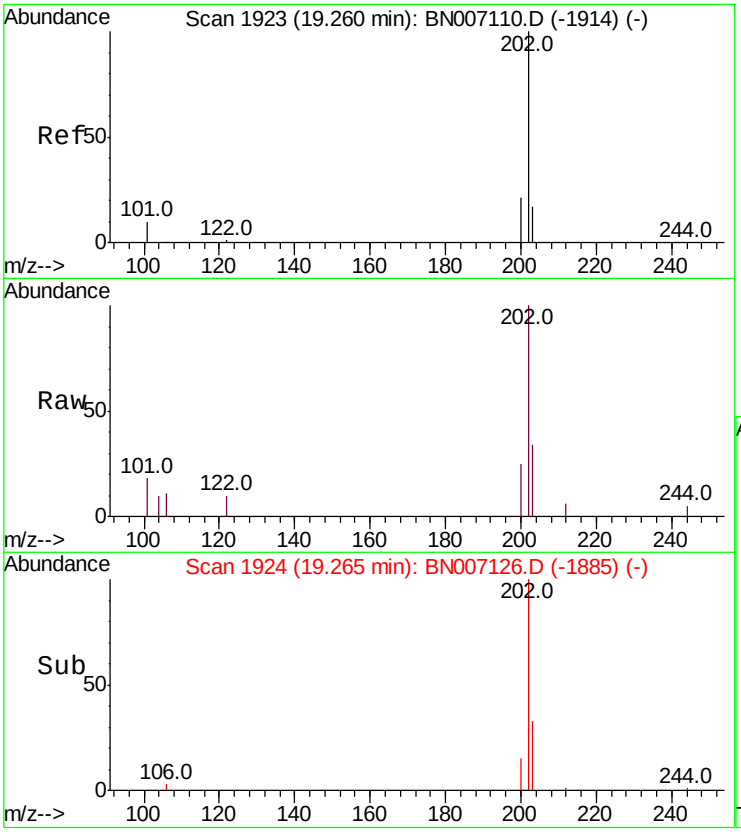


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:240 Resp: 44655

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.0	6.0#
236	27.6	21.3	31.9



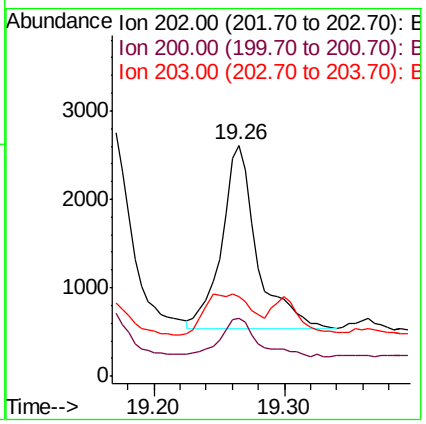


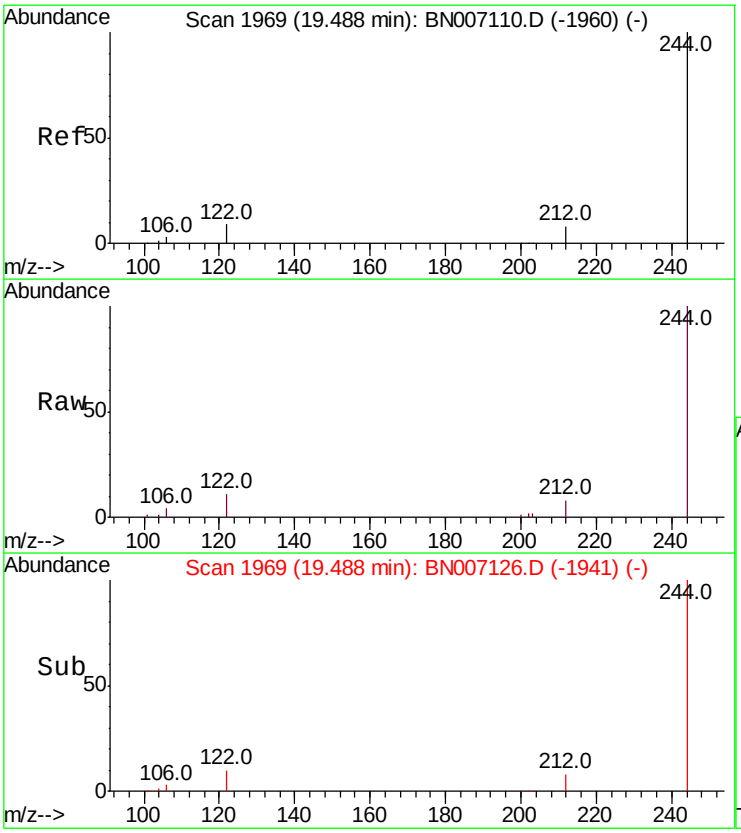
#27
Pyrene
Concen: 0.025 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3897

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	24.8
203	31.0	14.0	21.0#

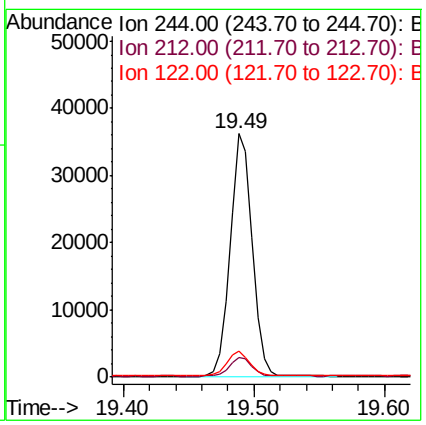


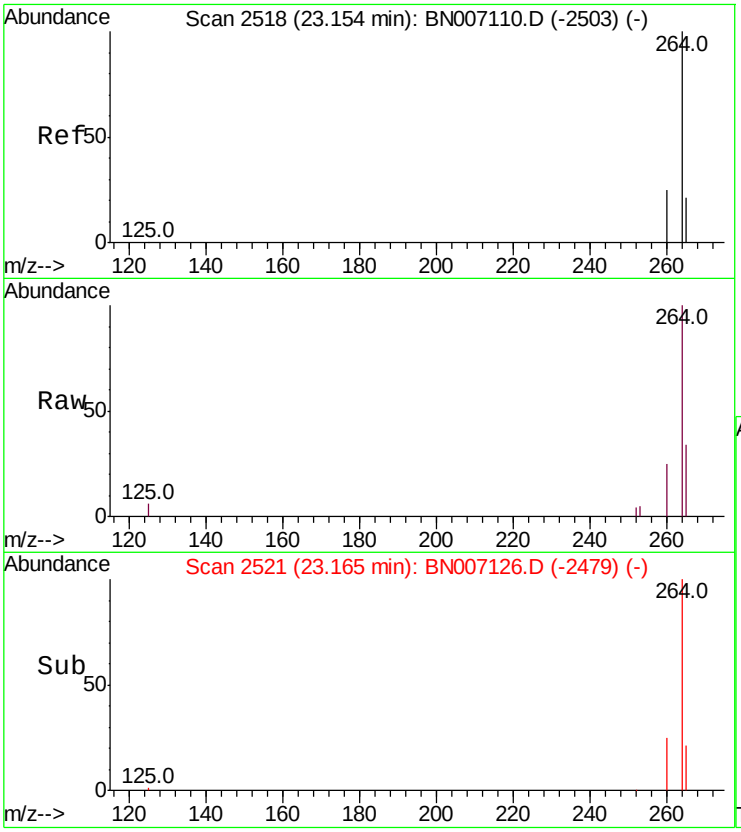


#28
Terphenyl-d14
Concen: 0.348 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Tgt Ion:244 Resp: 42407

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	10.7	7.4	11.2





#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007126.D
Acq: 13 Aug 2019 11:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 49954

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	33.9	26.2	39.4