Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
Data File : BN007901.D
Acq On : 30 Sep 2019 17:41
Operator : JU
Sample : K5052-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1-5

Quant Time: Oct 01 07:23:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	9209	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	35960	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	20501	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	38399	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	39522	0.40	ng		-0.01
34) Perylene-d12	23.47	264	46632	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	3788	0.12	ng		0.00
5) Phenol-d6	6.86	99	3612	0.09	ng		0.00
8) Nitrobenzene-d5	8.83	82	7322	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	12307	0.20	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2953	0.26	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	21219	0.25	ng		-0.01
25) Fluoranthene-d10	19.09	212	25938	0.20	ng		-0.01
29) Terphenyl-d14	19.70	244	38509	0.40	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.51	128	61412	0.609	ng		100
12) 2-Methylnaphthalene	12.13	142	52325	0.767	ng		100
16) Acenaphthylene	14.04	152	4389	0.040	ng	#	28
17) Acenaphthene	14.38	154	14222	0.203	ng		95
18) Fluorene	15.36	166	15374	0.171	ng		98
22) Pentachlorophenol	16.72	266	314	0.033	ng		89
23) Phenanthrene	17.10	178	32674	0.273	ng		99
24) Anthracene	17.19	178	3060	0.028	ng	#	92
26) Fluoranthene	19.12	202	6696	0.045	ng	#	86
28) Pyrene	19.49	202	11514	0.085	ng		96
32) Bis(2-ethylhexyl)phthalate	21.19	149	76743	1.025	ng		99

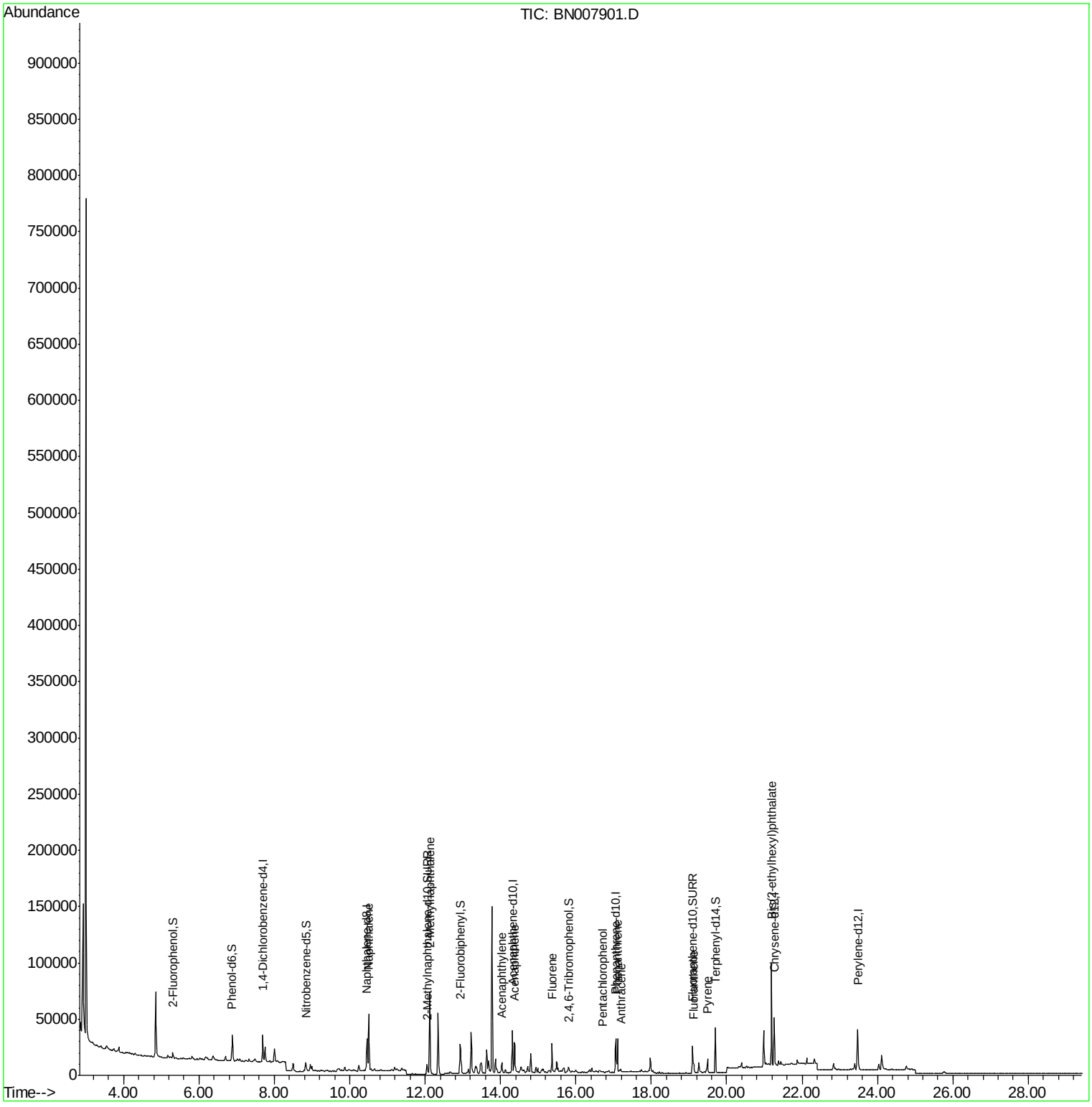
(#) = qualifier out of range (m) = manual integration (+) = signals summed

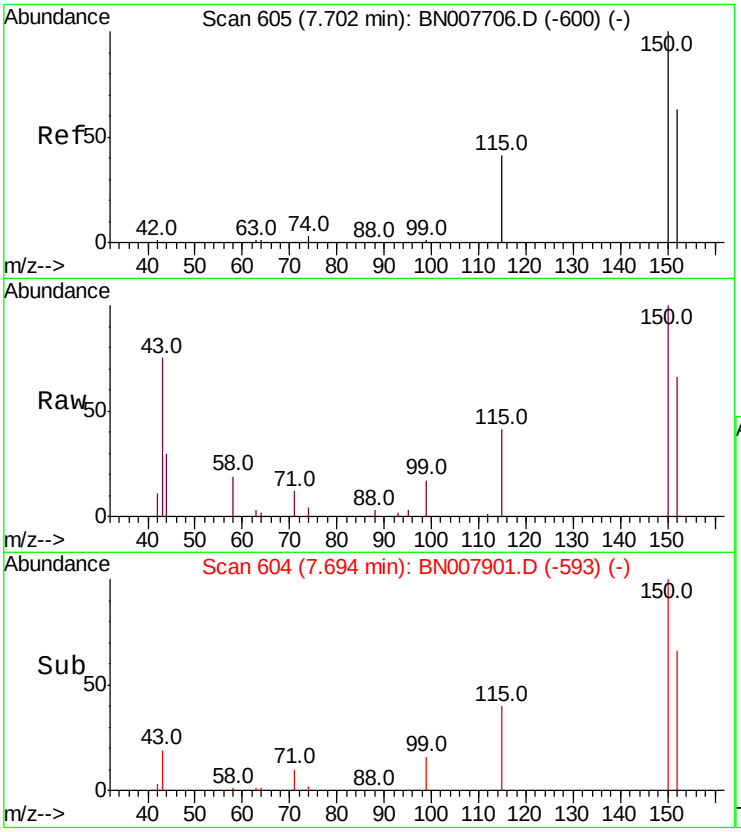
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
Data File : BN007901.D
Acq On : 30 Sep 2019 17:41
Operator : JU
Sample : K5052-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Quant Time: Oct 01 07:23:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



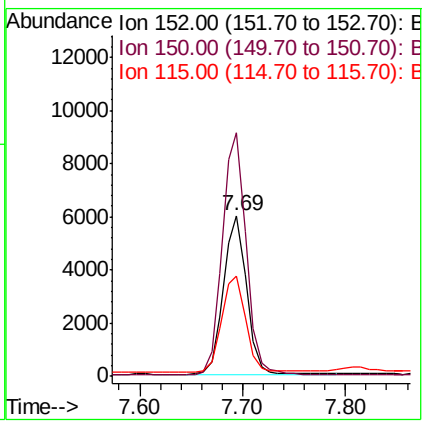


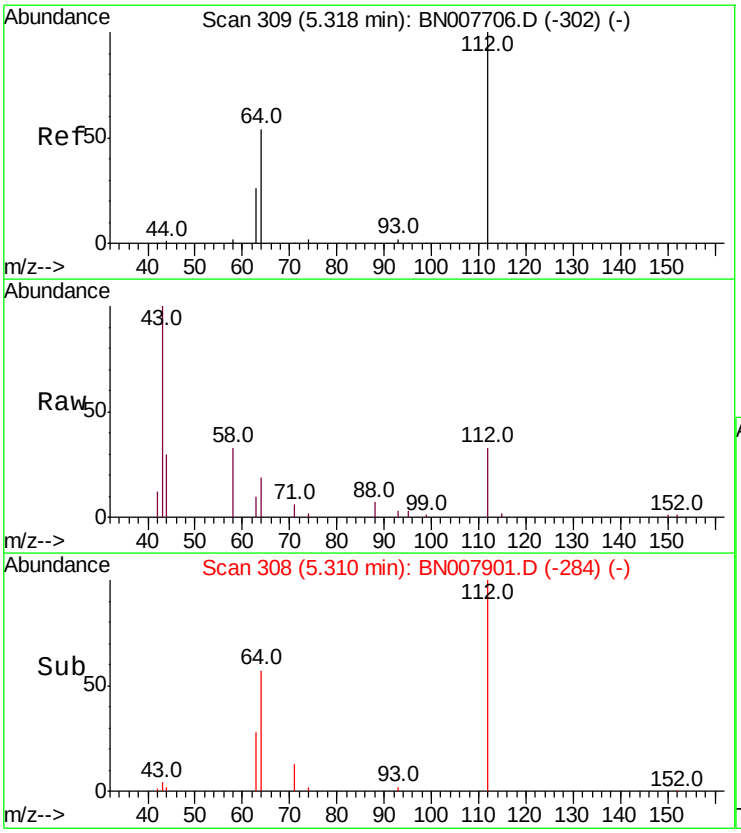
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:152 Resp: 9209

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.6	188.4
115	62.6	53.3	79.9

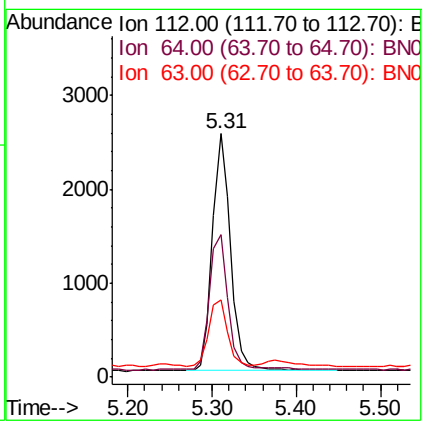


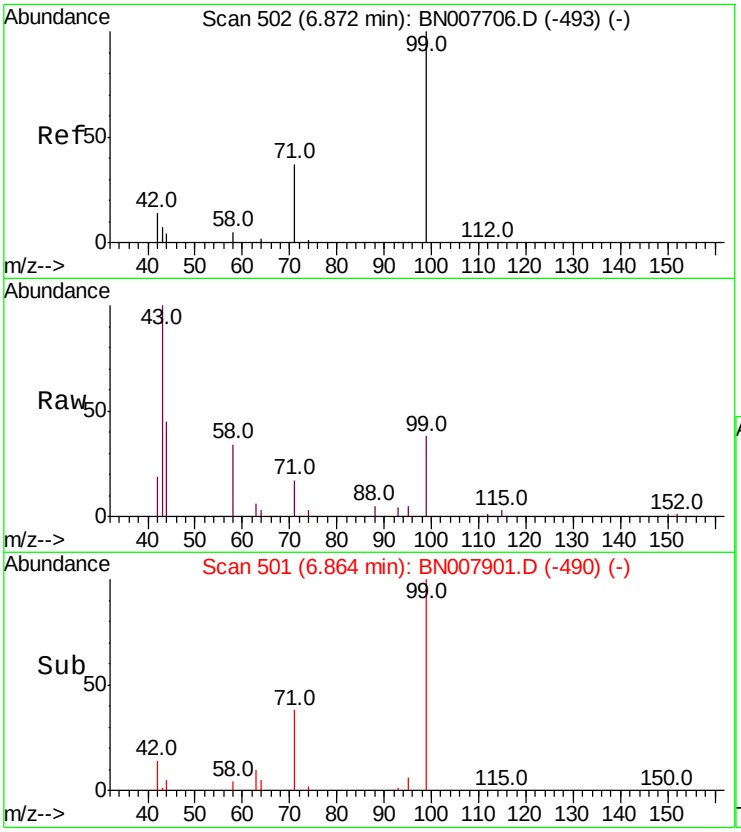


#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:112 Resp: 3788

Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.6	70.0
63	28.9	23.1	34.7



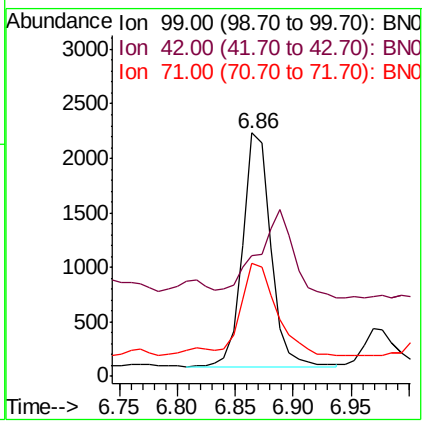


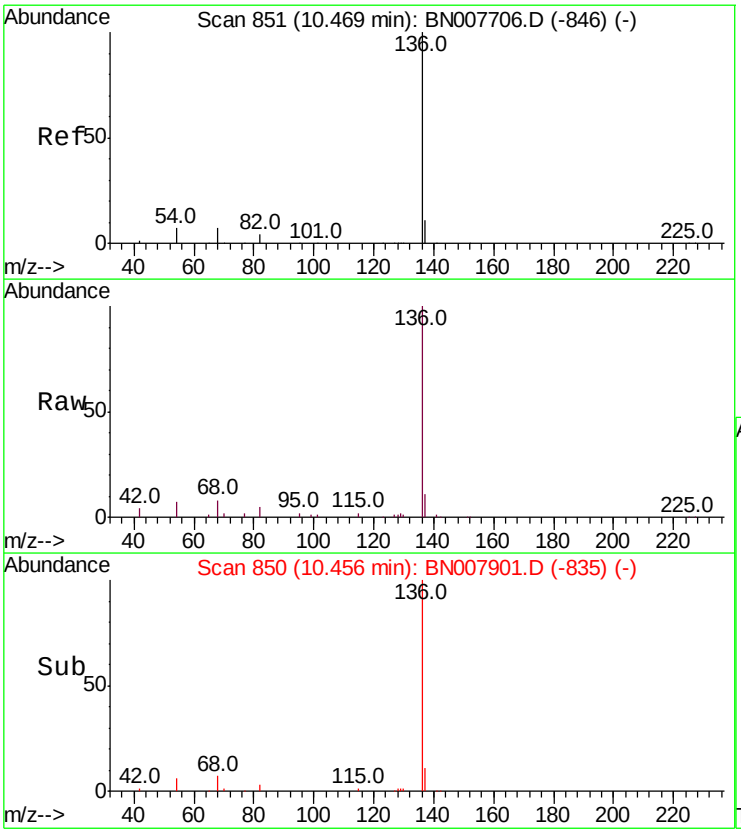
#5
Phenol-d6
Concen: 0.086 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion: 99 Resp: 3612

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.8	19.2#
71	50.3	27.6	41.4#

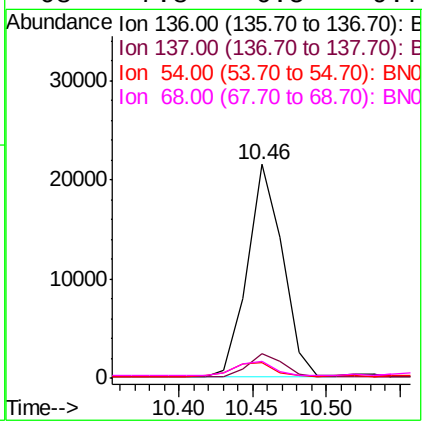


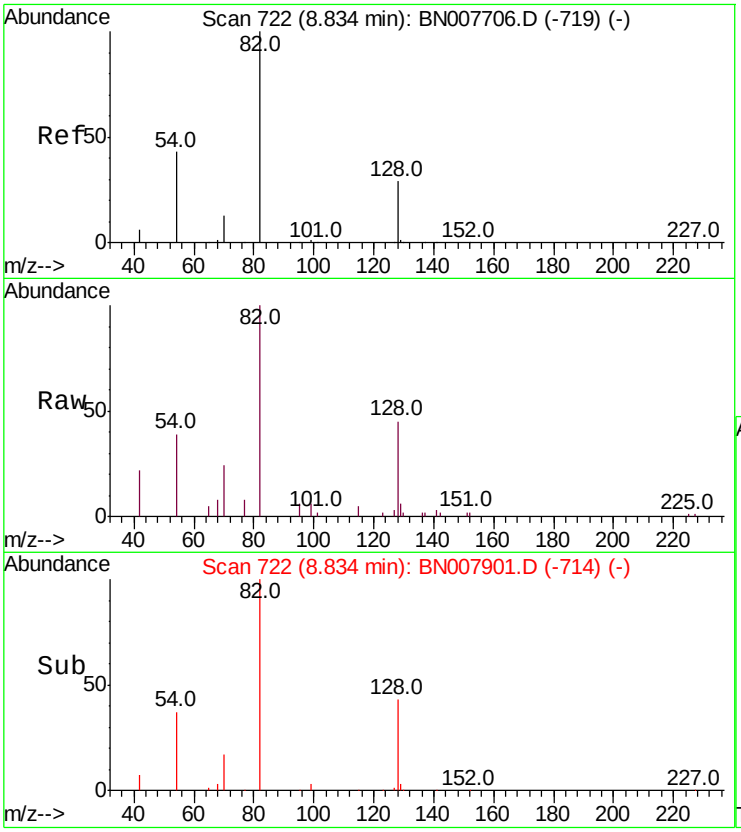


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:136 Resp: 35960

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.2	5.8	8.8
68	7.8	6.5	9.7



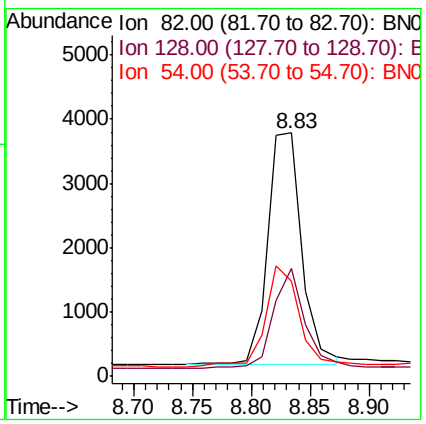


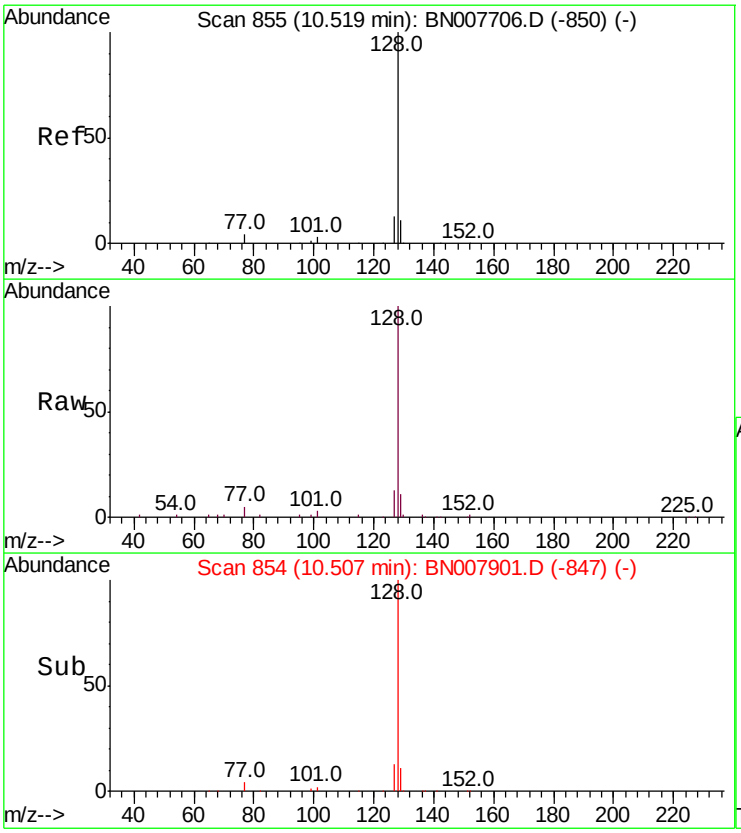
#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion: 82 Resp: 7322

Ion	Ratio	Lower	Upper
82	100		
128	44.6	24.5	36.7#
54	39.0	35.2	52.8

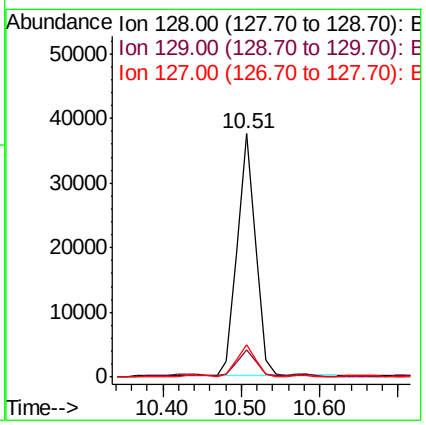


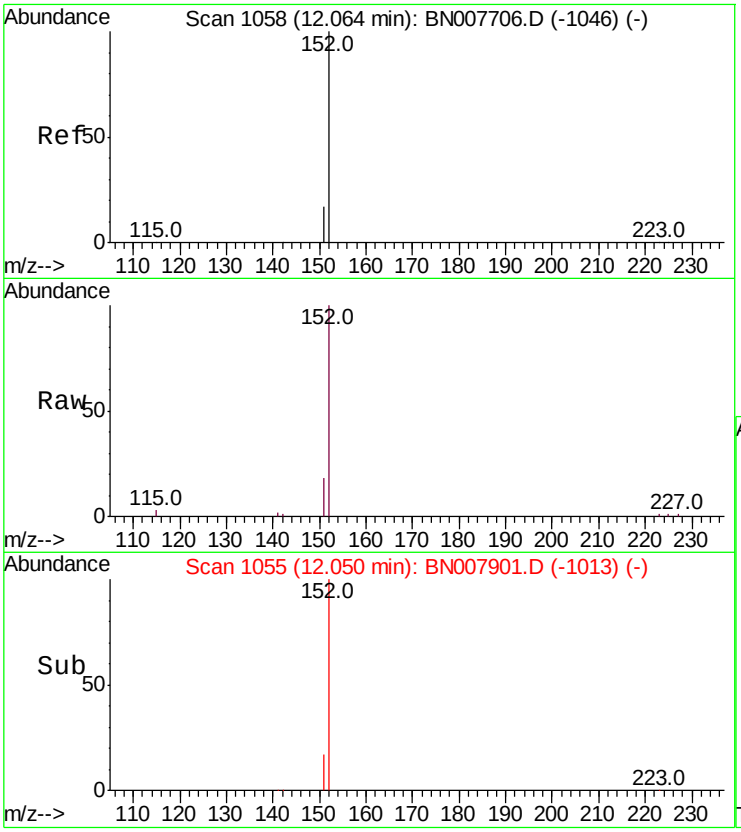


#9
Naphthalene
Concen: 0.609 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:128 Resp: 61412

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.1	10.6	15.8



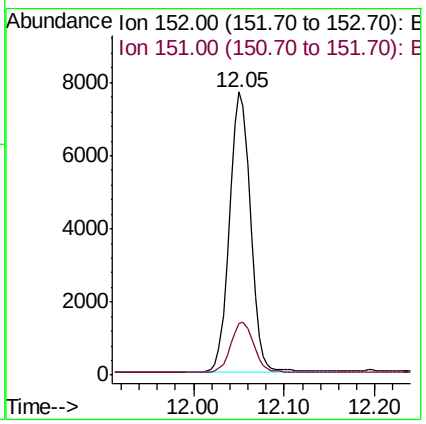


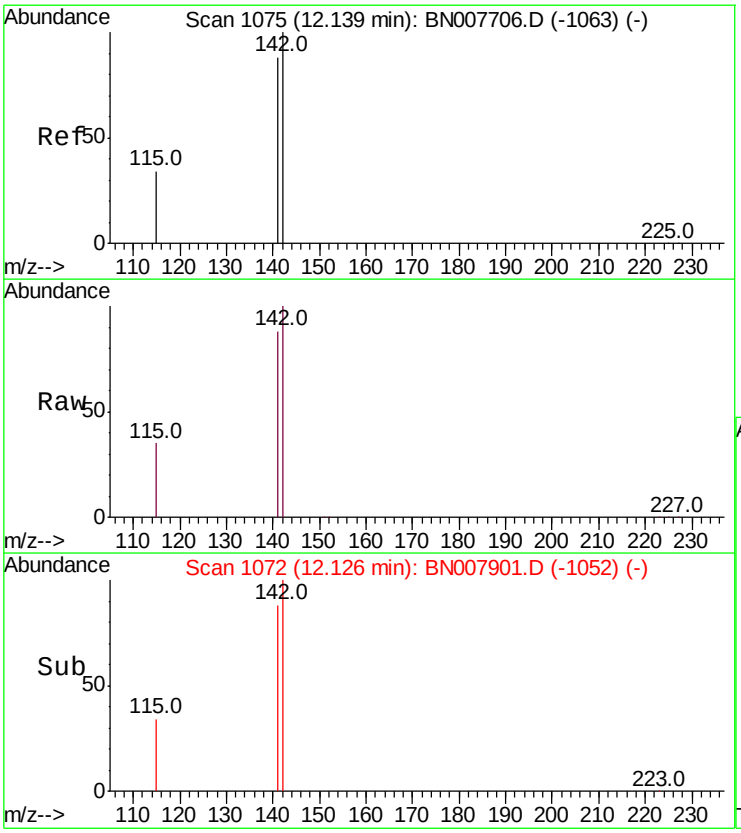
#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:152 Resp: 12307

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2

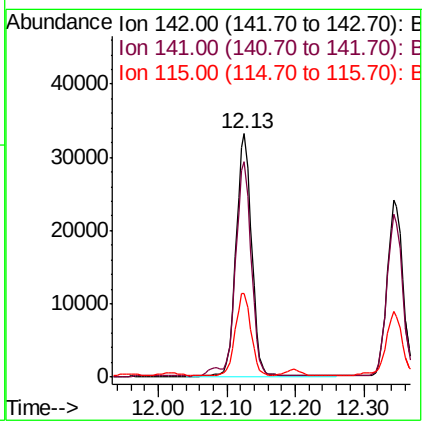


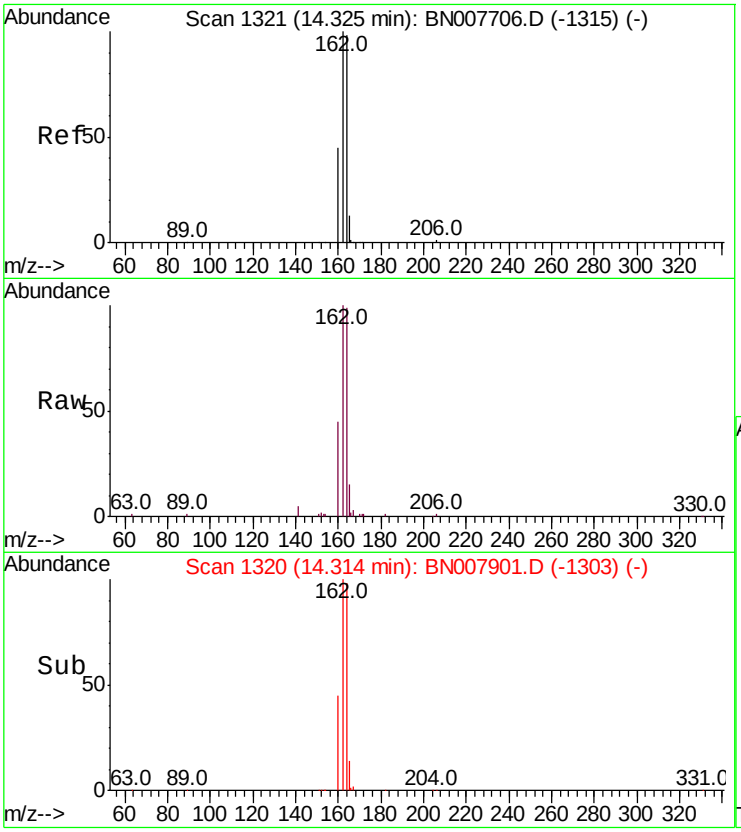


#12
2-Methylnaphthalene
Concen: 0.767 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:142 Resp: 52325

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	34.6	28.3	42.5



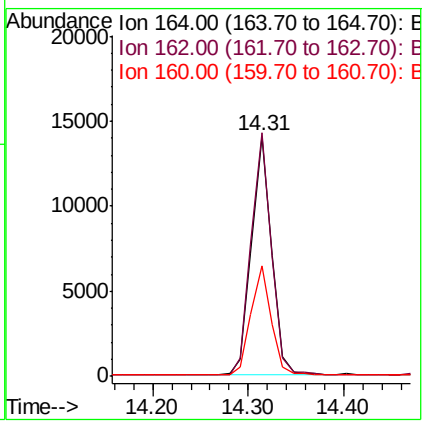


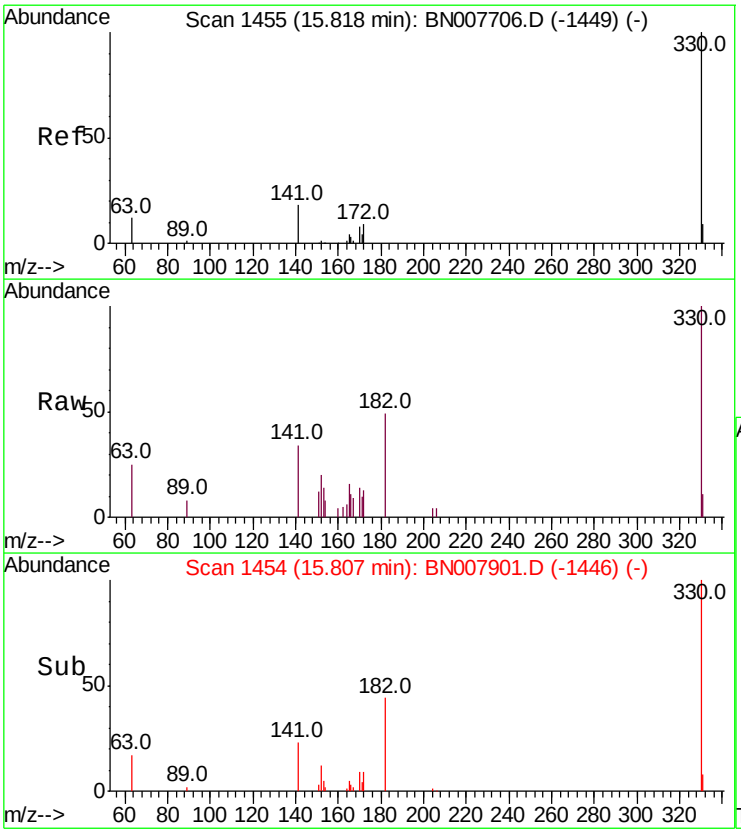
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:164 Resp: 20501

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.7	122.5
160	45.9	37.0	55.4

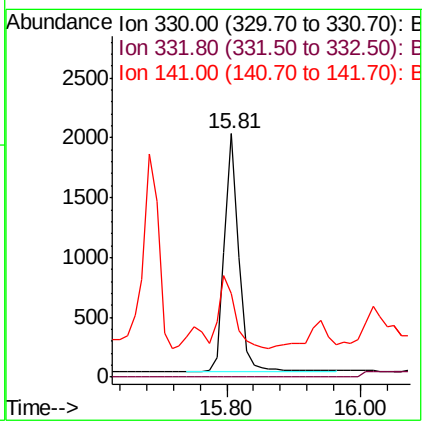


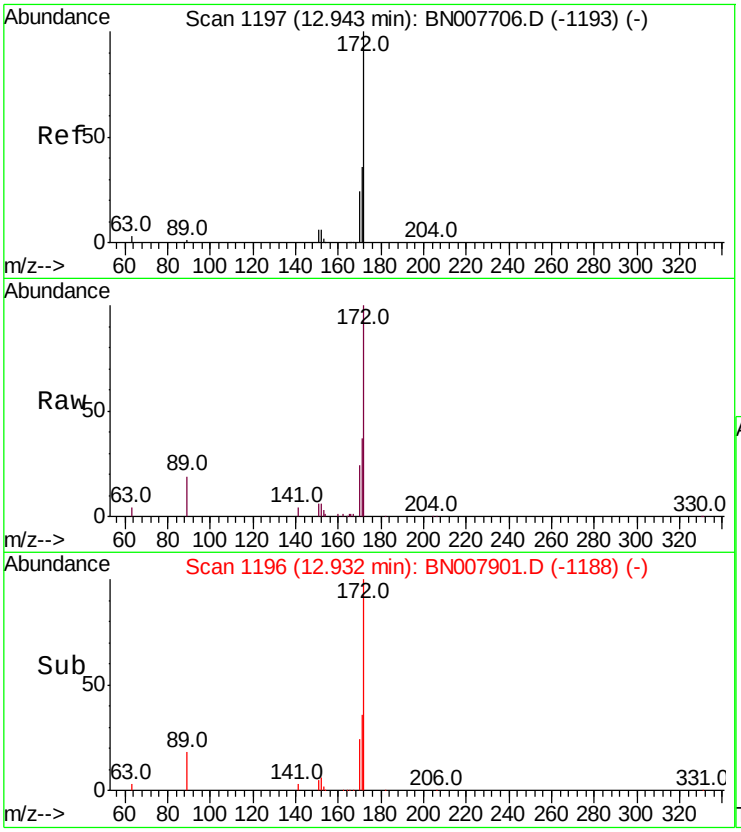


#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:330 Resp: 2953

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.7	28.7	43.1



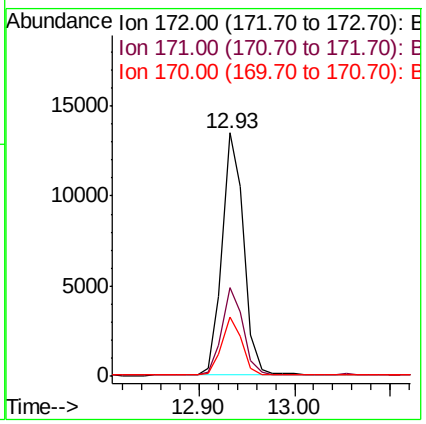


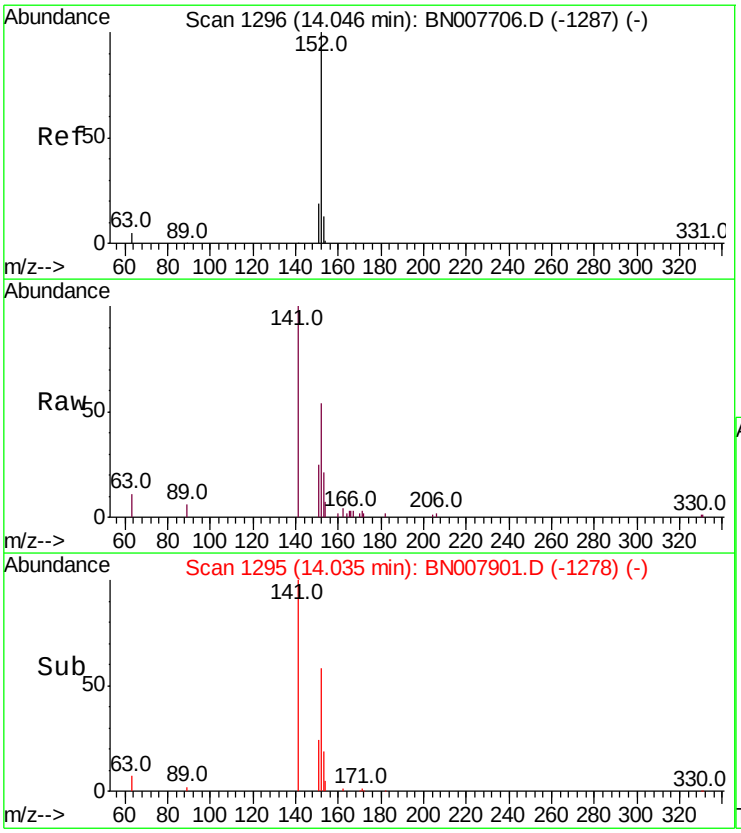
#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:172 Resp: 21219

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.8	43.2
170	24.1	19.5	29.3

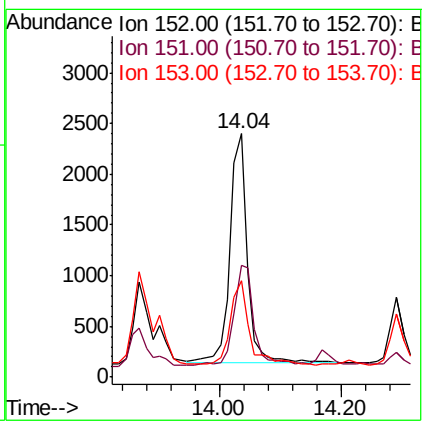


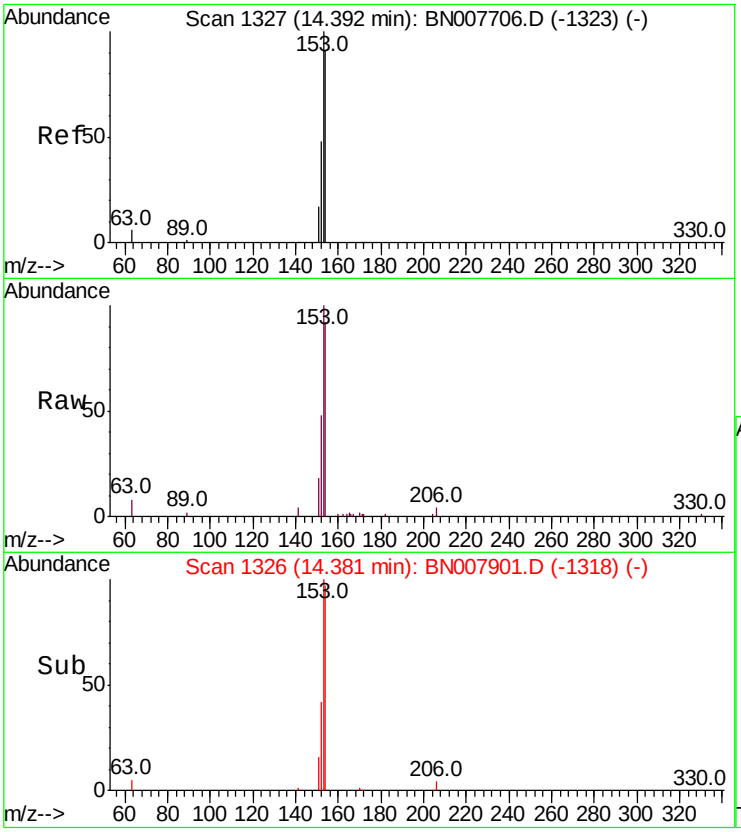


#16
Acenaphthylene
Concen: 0.040 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:152 Resp: 4389

Ion	Ratio	Lower	Upper
152	100		
151	52.4	15.5	23.3#
153	40.9	10.4	15.6#



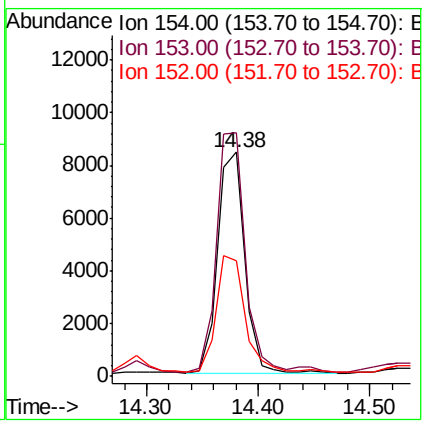


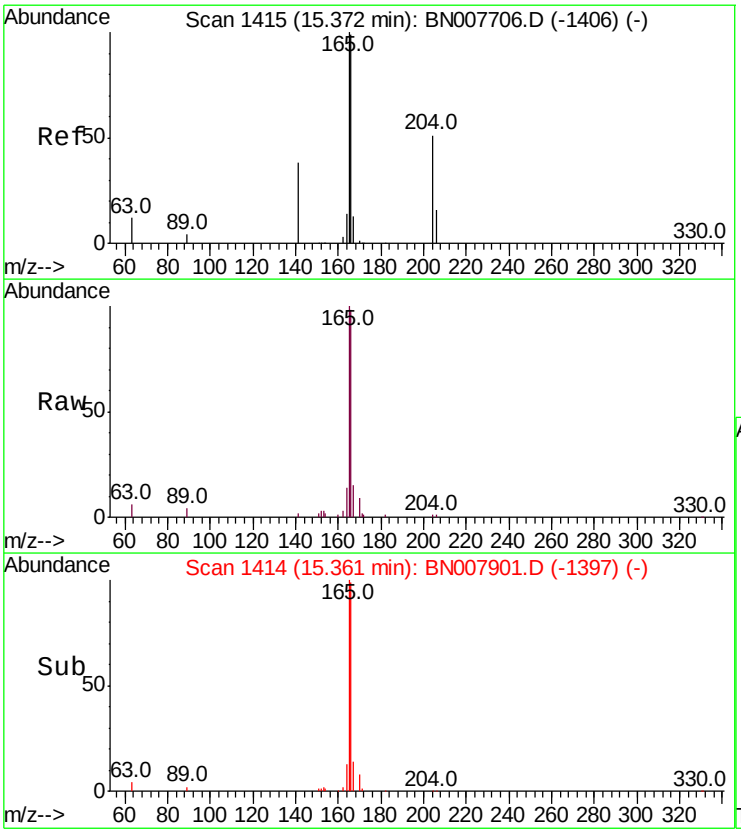
#17
Acenaphthene
Concen: 0.203 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:154 Resp: 14222

Ion	Ratio	Lower	Upper
154	100		
153	115.2	87.0	130.4
152	56.1	42.7	64.1

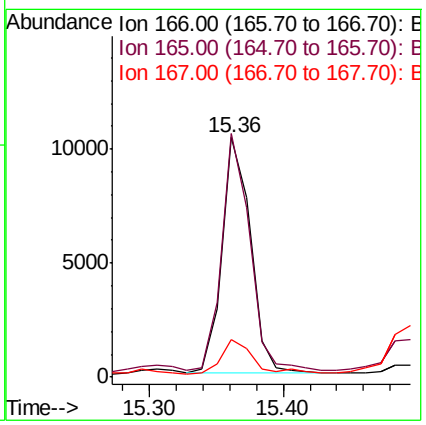


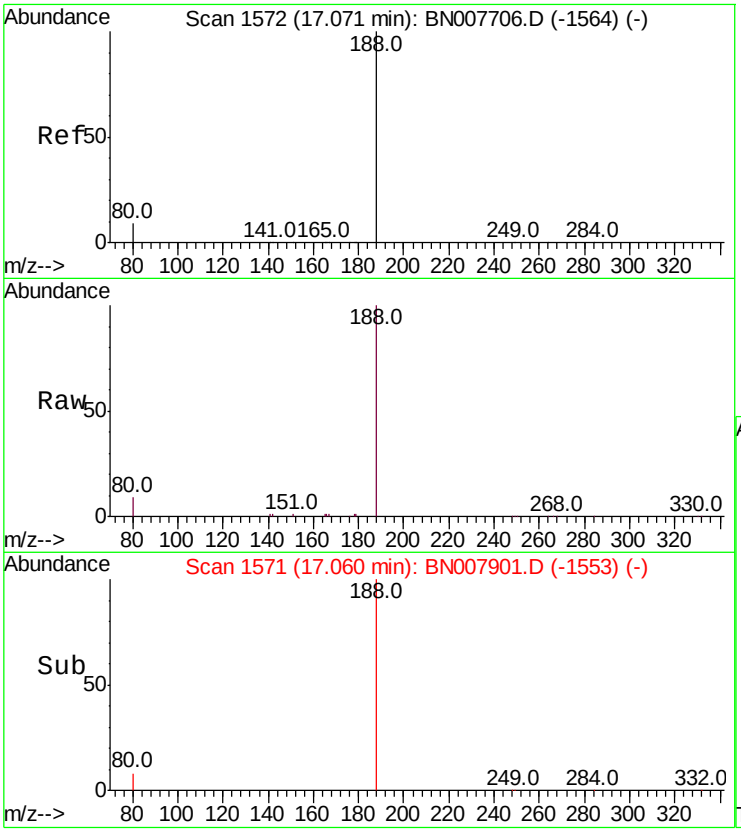


#18
Fluorene
Concen: 0.171 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:166 Resp: 15374

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.0	117.0
167	16.0	10.9	16.3



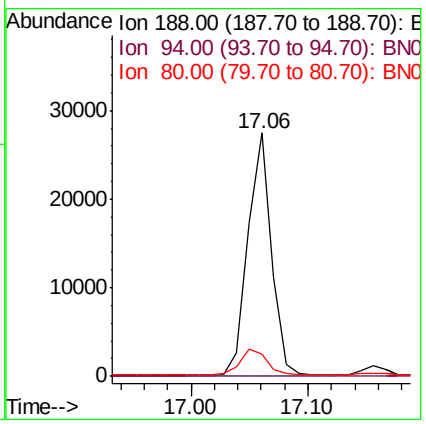


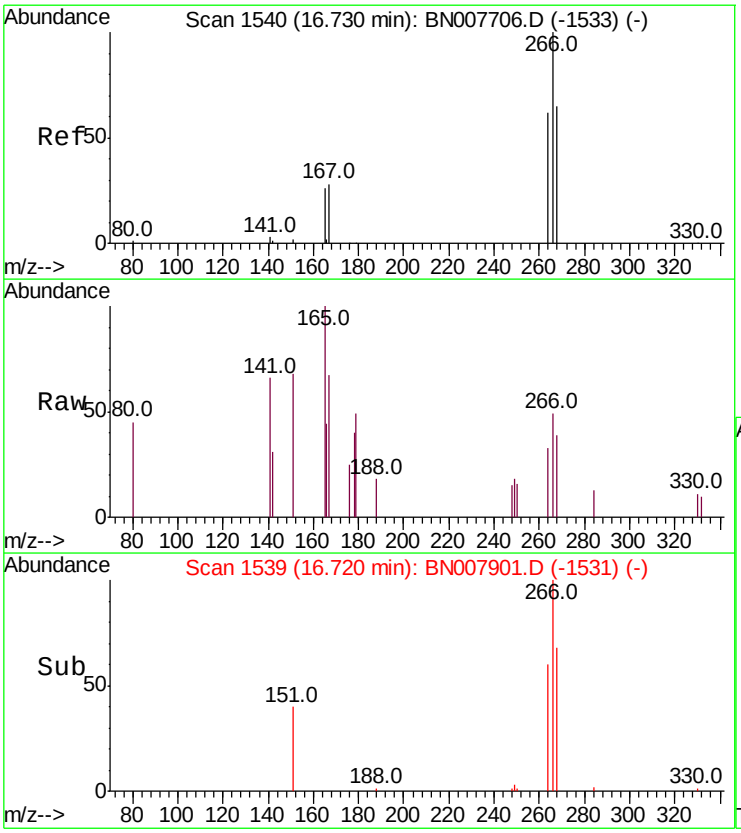
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:188 Resp: 38399

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.2

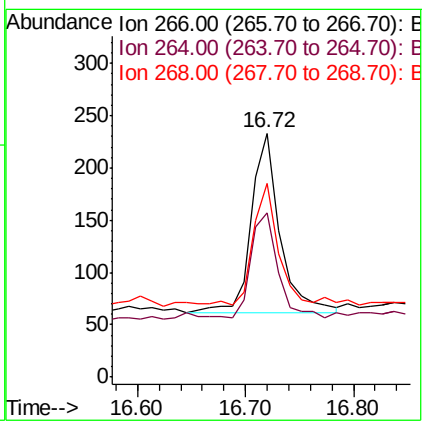


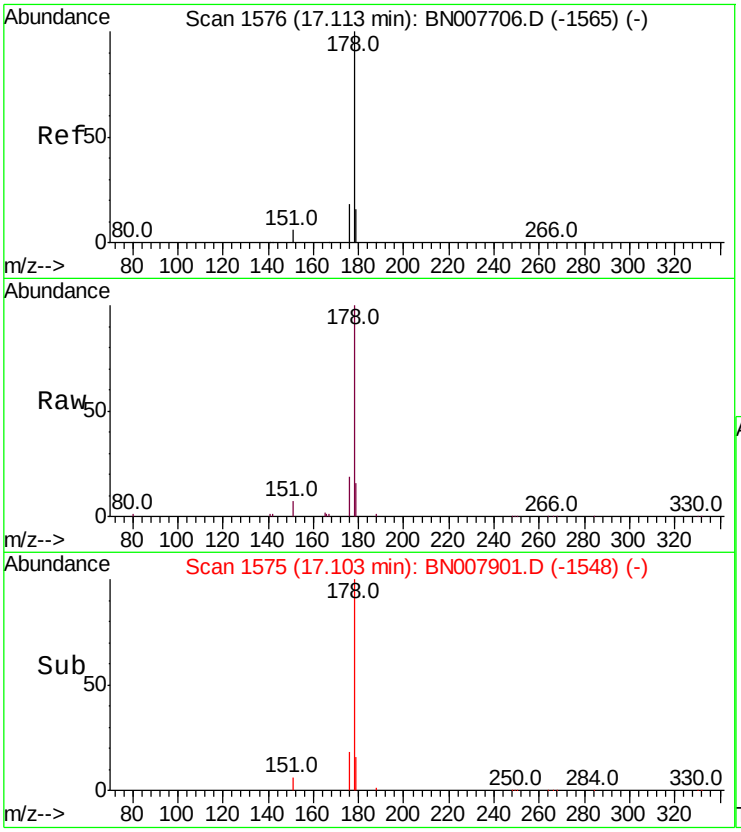


#22
Pentachlorophenol
Concen: 0.033 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:266 Resp: 314

Ion	Ratio	Lower	Upper
266	100		
264	67.4	50.0	75.0
268	79.4	54.2	81.4



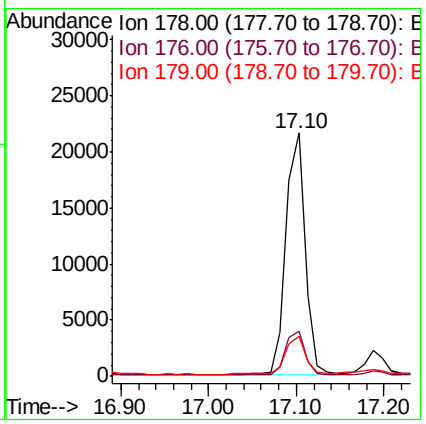


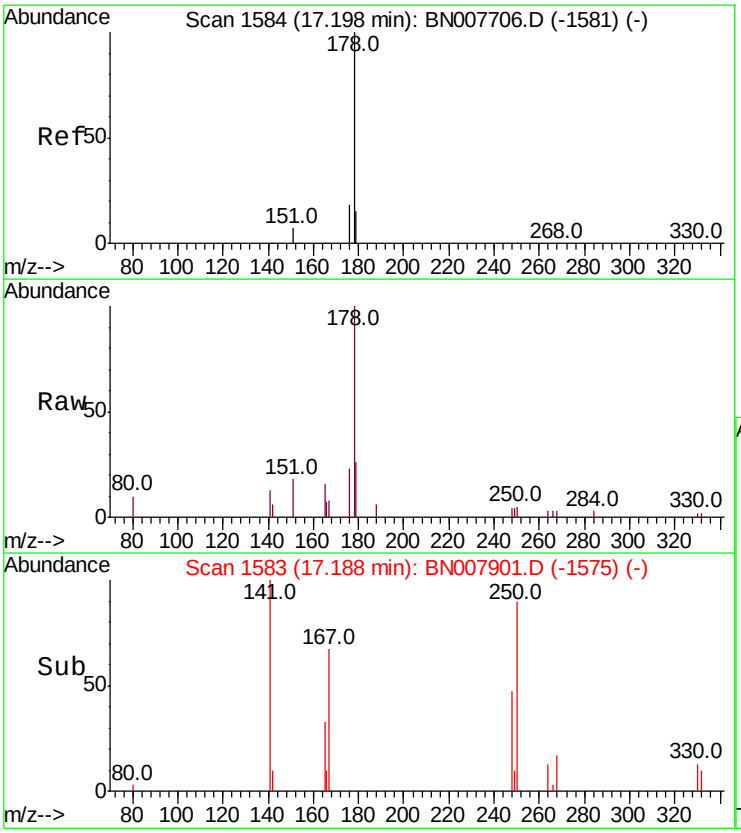
#23
Phenanthrene
Concen: 0.273 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:178 Resp: 32674

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	16.4	12.5	18.7

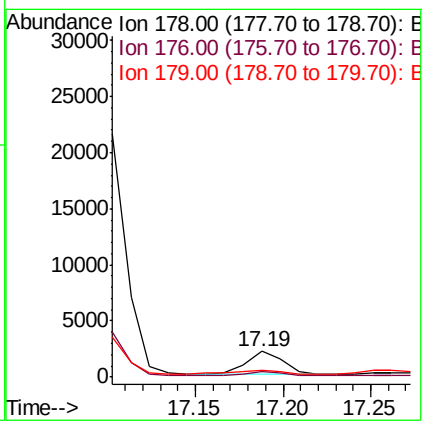


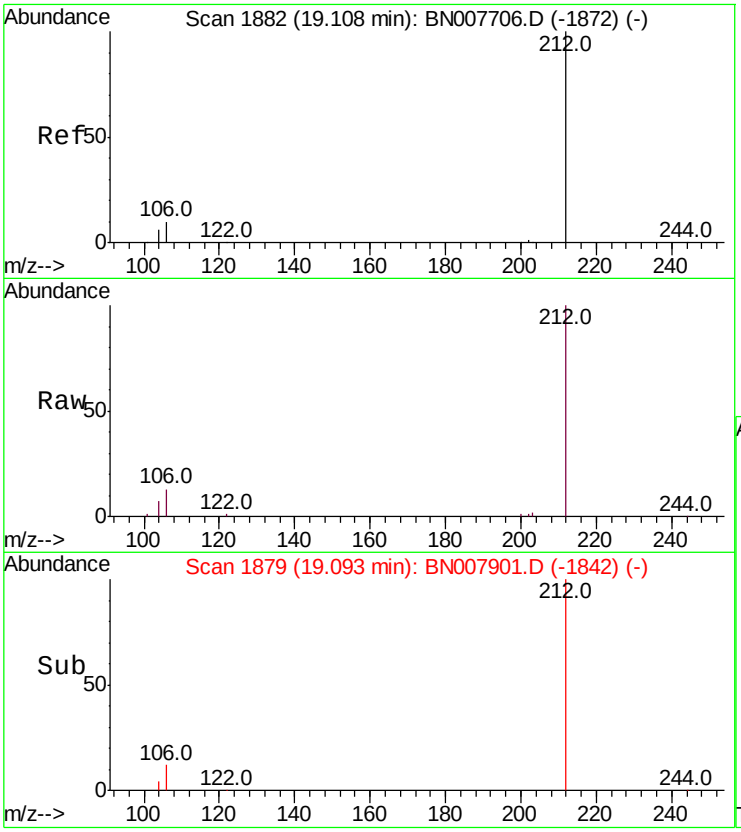


#24
Anthracene
Concen: 0.028 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:178 Resp: 3060

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	22.4	12.2	18.4#



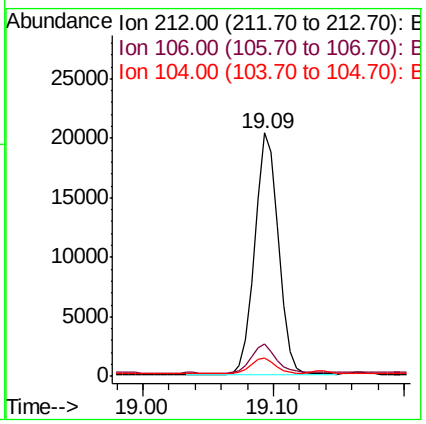


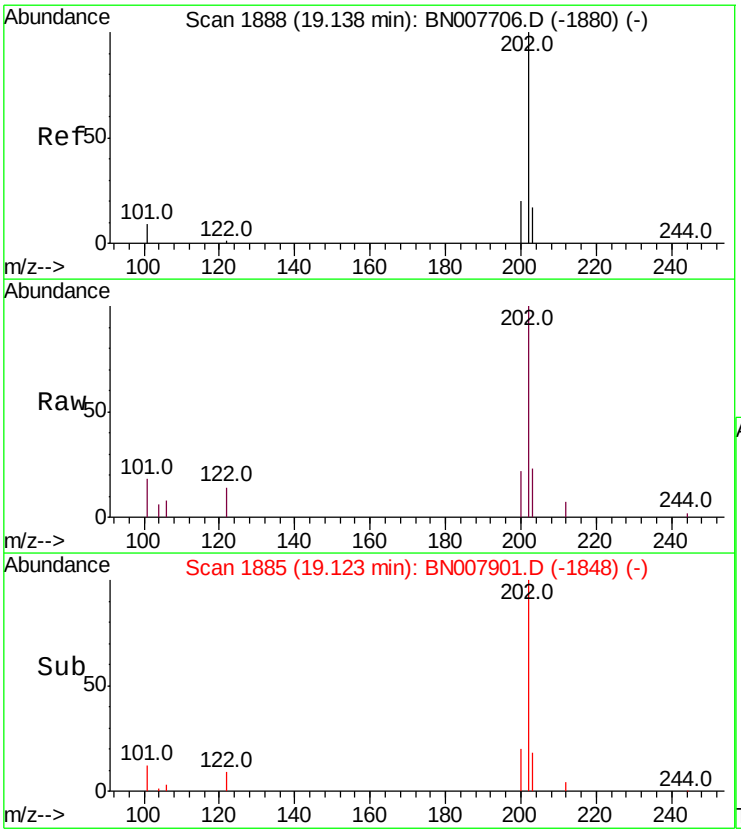
#25
Fluoranthene-d10
Concen: 0.200 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:212 Resp: 25938

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.4	14.0
104	6.8	5.3	7.9

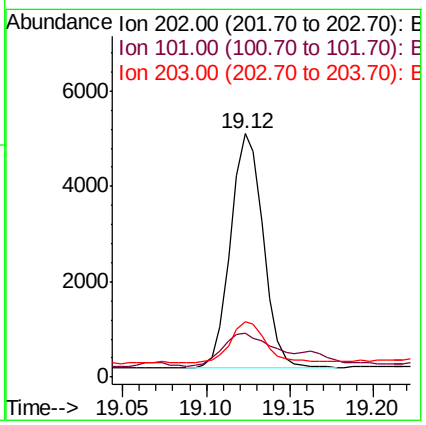


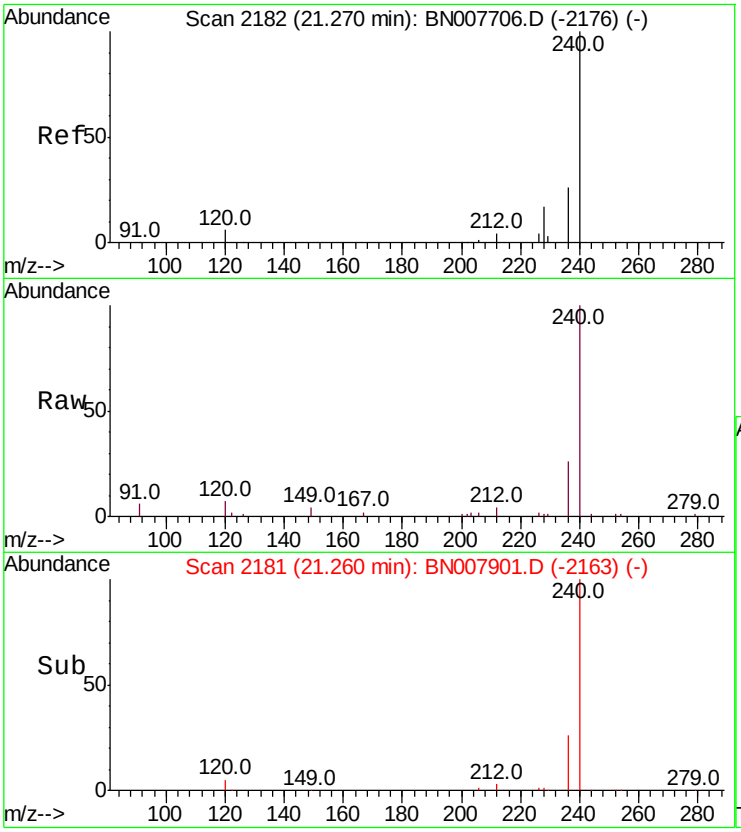


#26
Fluoranthene
Concen: 0.045 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:202 Resp: 6696

Ion	Ratio	Lower	Upper
202	100		
101	21.8	8.4	12.6#
203	19.0	13.8	20.8



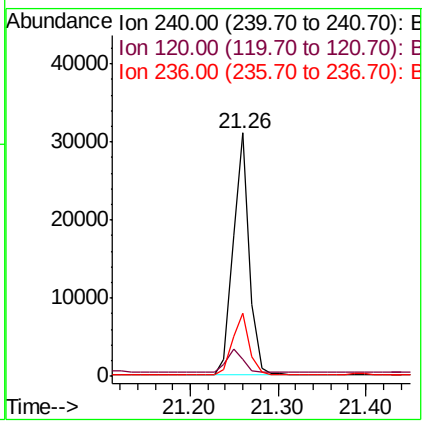


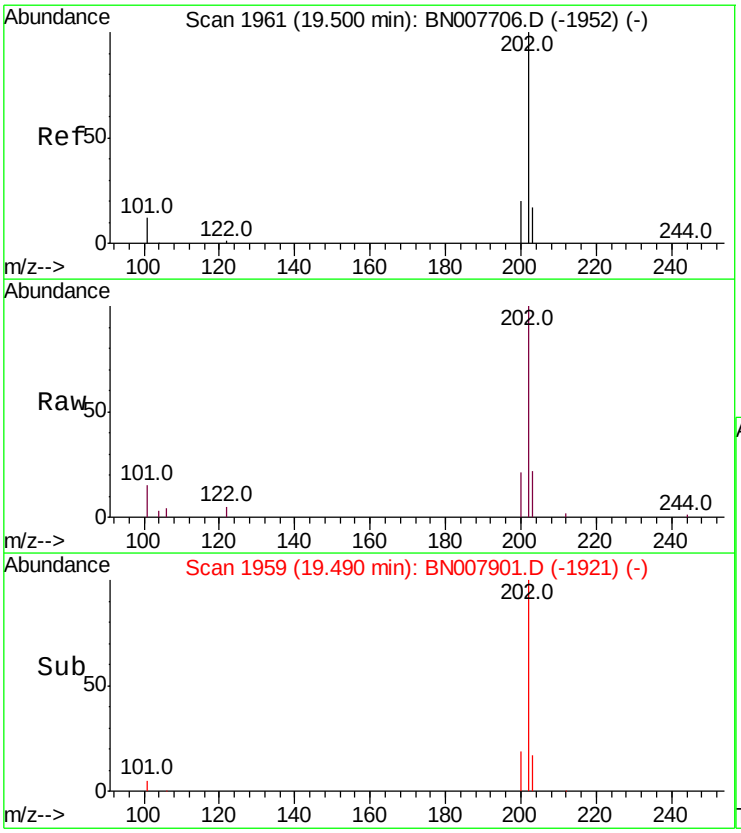
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:240 Resp: 39522

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.4	8.2
236	26.2	21.0	31.4

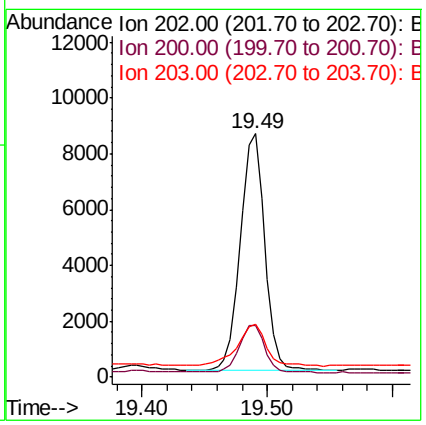


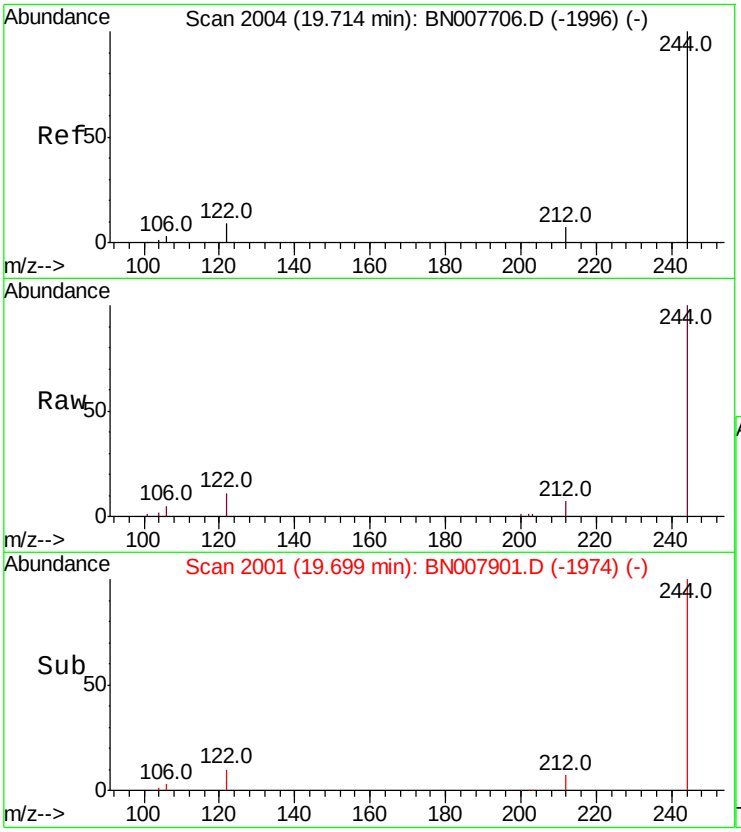


#28
Pyrene
Concen: 0.085 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:202 Resp: 11514

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.4	24.6
203	20.6	14.1	21.1



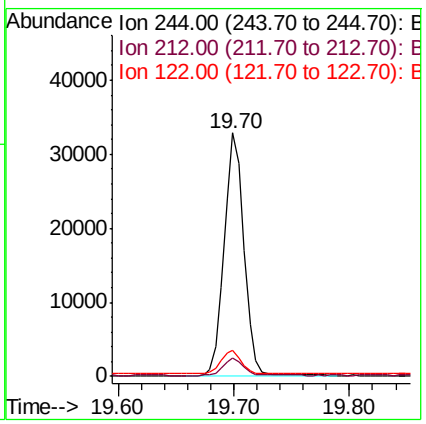


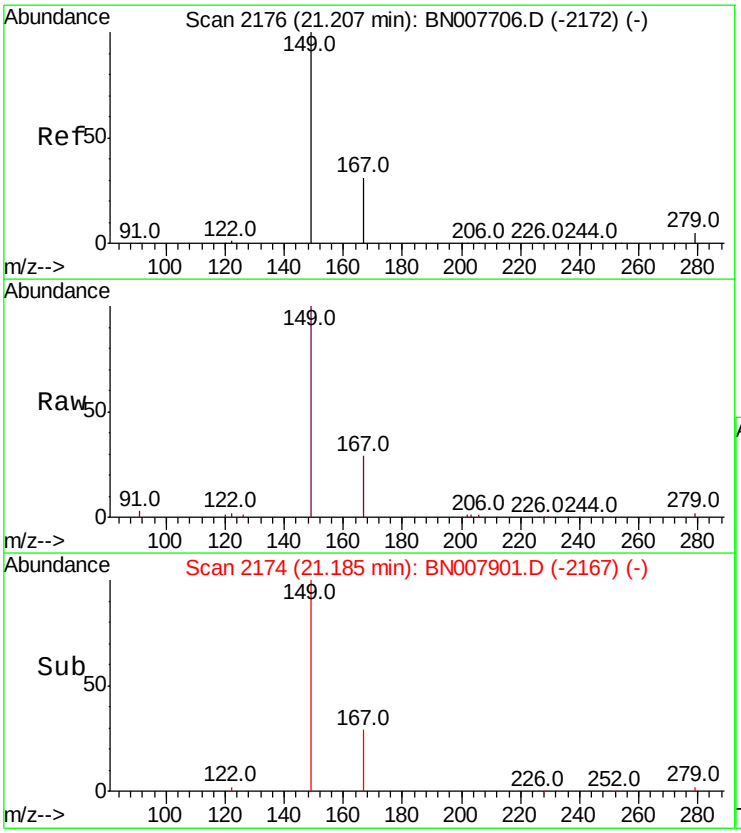
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:244 Resp: 38509

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.7	7.4	11.2

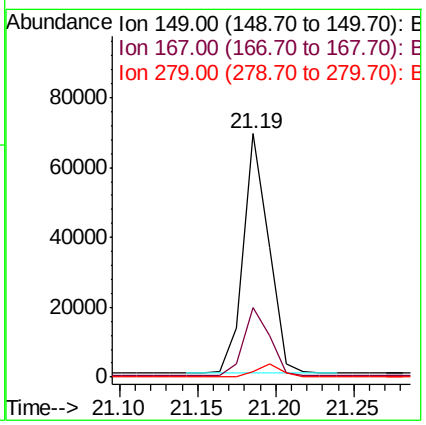


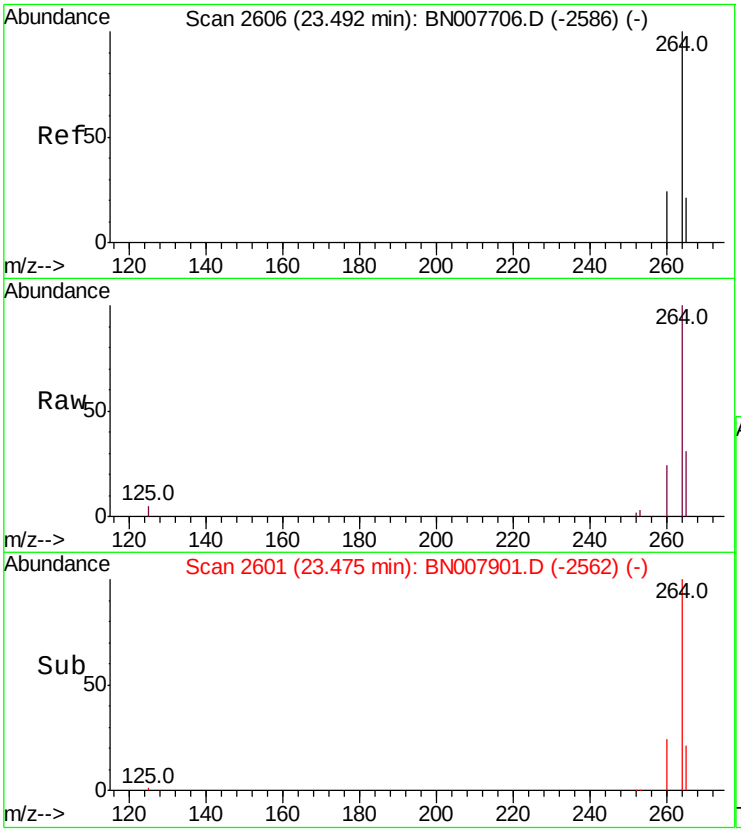


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.025 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Tgt Ion:149 Resp: 76743

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.7	35.5
279	5.1	4.2	6.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN007901.D
Acq: 30 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
TP-1-5

Tgt Ion:264 Resp: 46632

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	30.8	26.9	40.3