Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009021.D
Acq On : 18 Dec 2019 18:52
Operator : JU
Sample : K6239-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE-216-COMP-SRE

Quant Time: Dec 19 10:40:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4860	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	18544	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	17494	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	28452	0.40	ng		0.00
27) Chrysene-d12	21.13	240	20099	0.40	ng		0.01
34) Perylene-d12	23.28	264	18498	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2958	0.24	ng		0.00
5) Phenol-d6	6.74	99	4189	0.25	ng		0.00
8) Nitrobenzene-d5	8.67	82	4133	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	7486	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	1542	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.78	172	10196	0.15	ng		0.00
25) Fluoranthene-d10	18.96	212	20341	0.24	ng		0.01
29) Terphenyl-d14	19.58	244	12914	0.28	ng		0.01
Target Compounds							Qvalue
9) Naphthalene	10.34	128	3253	0.064	ng	#	91
12) 2-Methylnaphthalene	11.97	142	2532	0.067	ng	#	92
16) Acenaphthylene	13.91	152	17812	0.223	ng	#	62
17) Acenaphthene	14.23	154	1677	0.032	ng	#	73
18) Fluorene	15.22	166	5667	0.079	ng	#	84
24) Anthracene	17.06	178	7445	0.094	ng	#	89
26) Fluoranthene	18.99	202	13956	0.131	ng	#	29
28) Pyrene	19.36	202	28421	0.404	ng	#	88
31) Chrysene	21.14	228	26688	0.361	ng	#	1

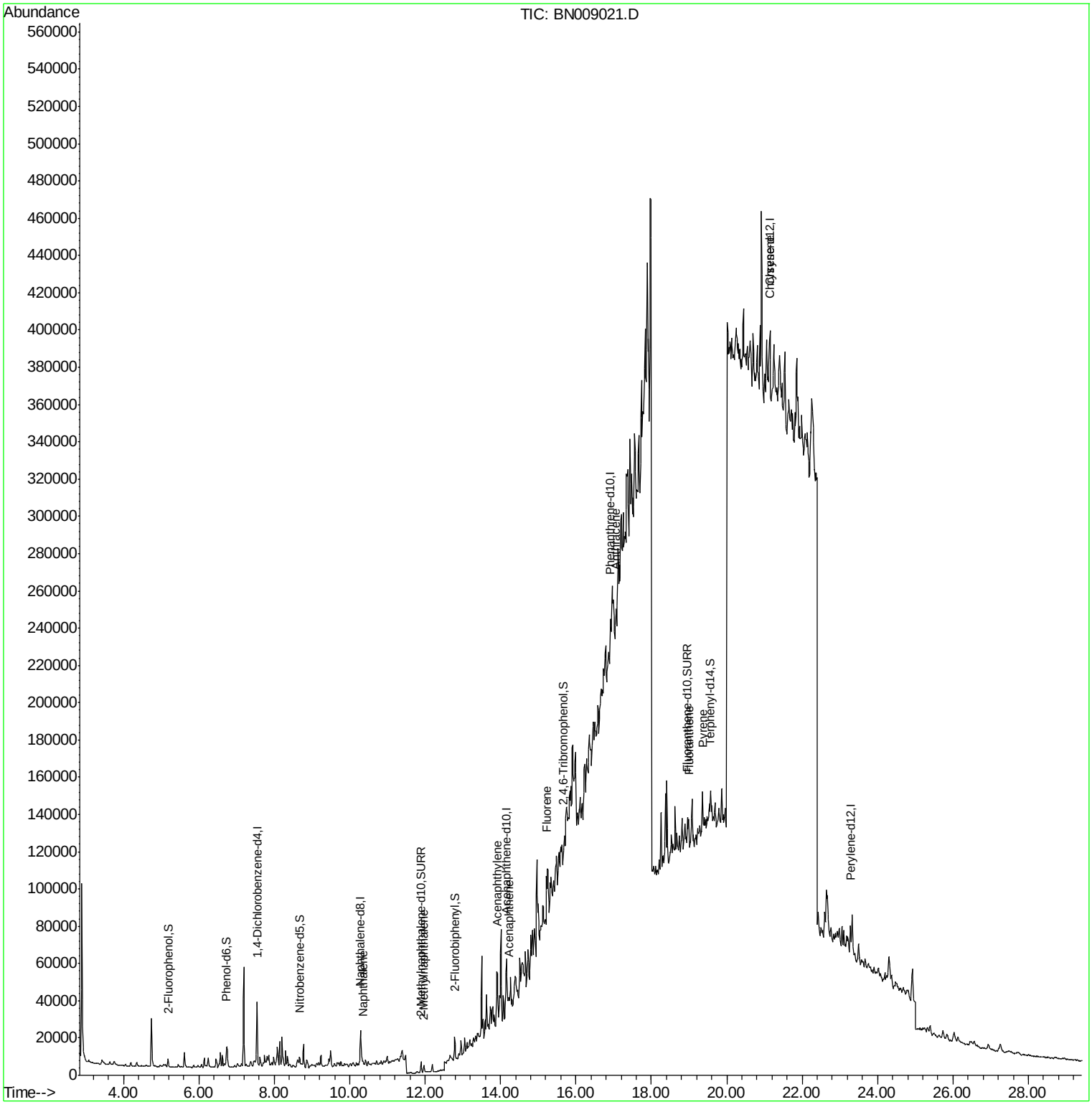
(#) = qualifier out of range (m) = manual integration (+) = signals summed

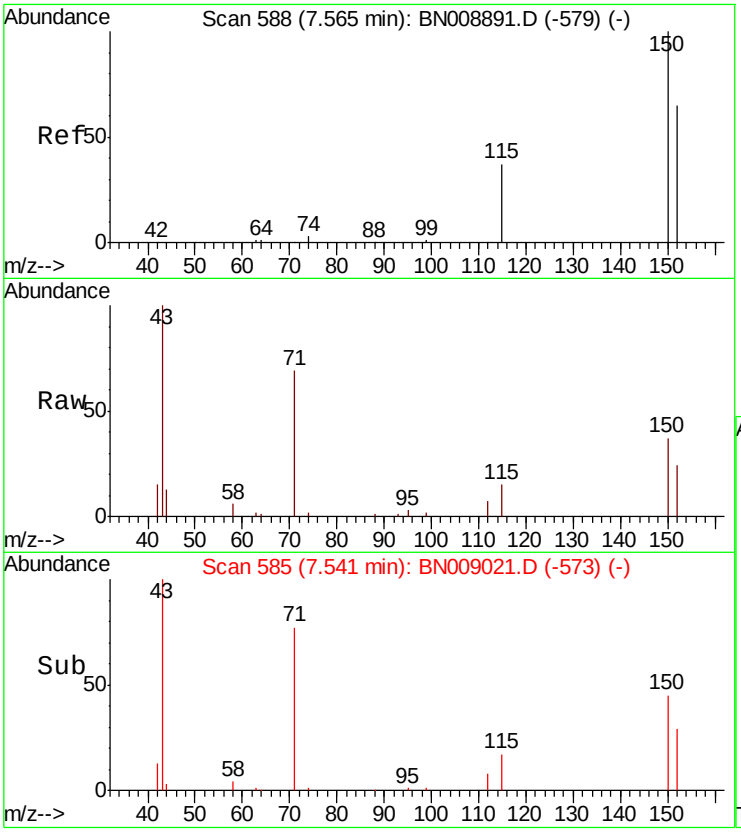
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009021.D
Acq On : 18 Dec 2019 18:52
Operator : JU
Sample : K6239-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Quant Time: Dec 19 10:40:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration



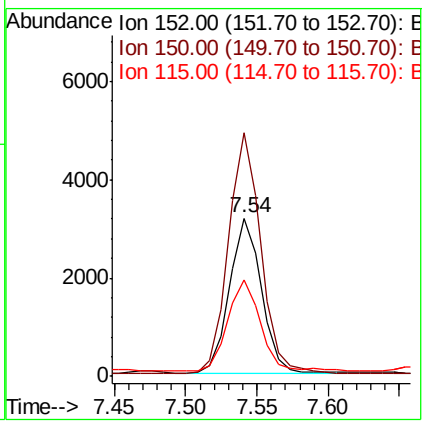


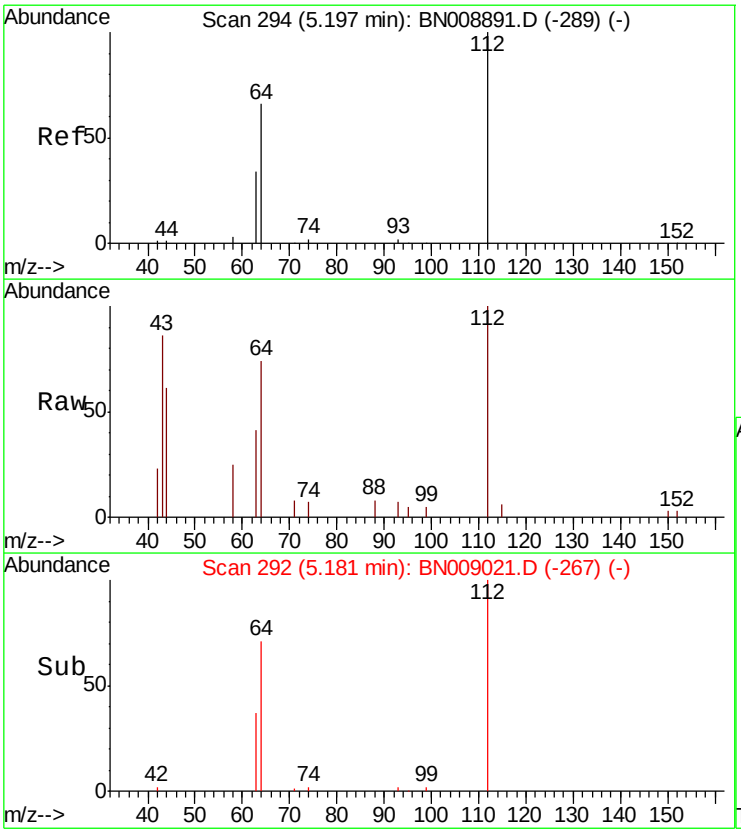
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:152 Resp: 4860

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.3	183.5
115	61.2	48.4	72.6

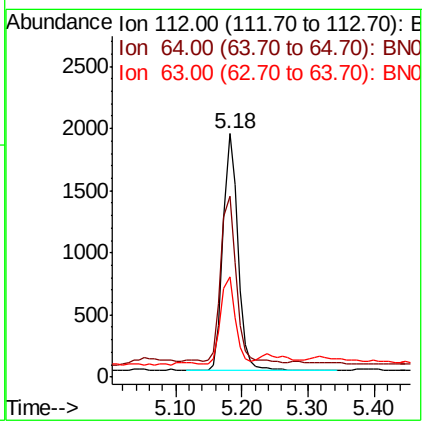


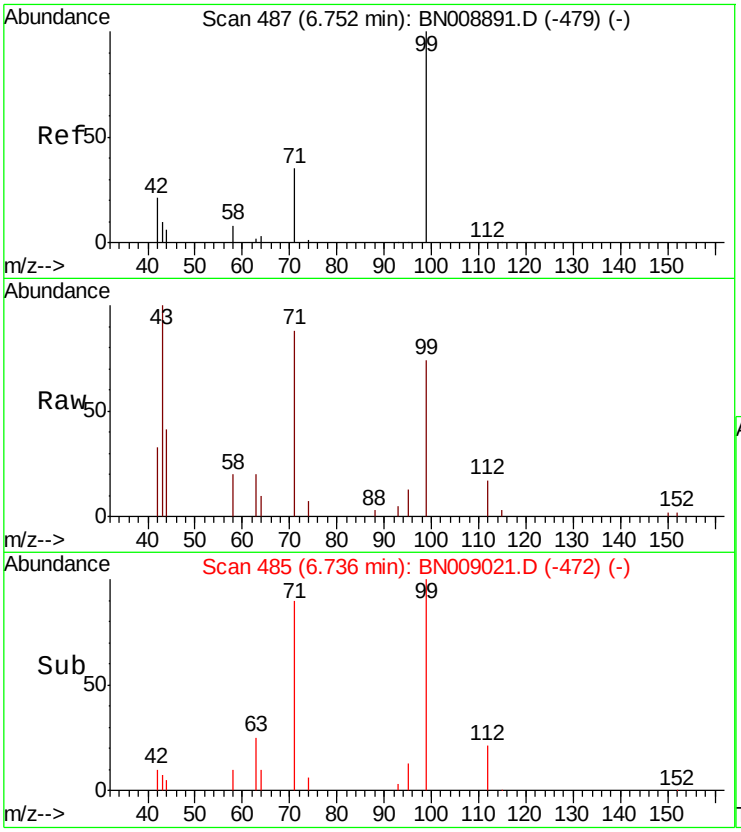


#4
2-Fluorophenol
Concen: 0.239 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:112 Resp: 2958

Ion	Ratio	Lower	Upper
112	100		
64	72.9	57.7	86.5
63	35.4	29.6	44.4



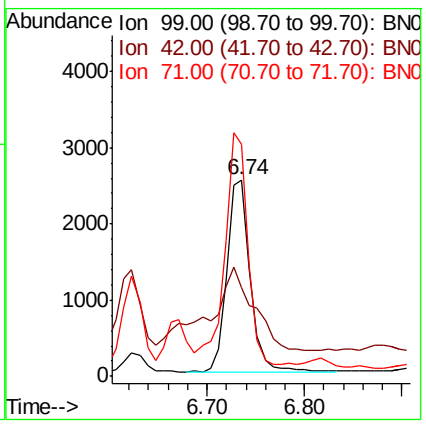


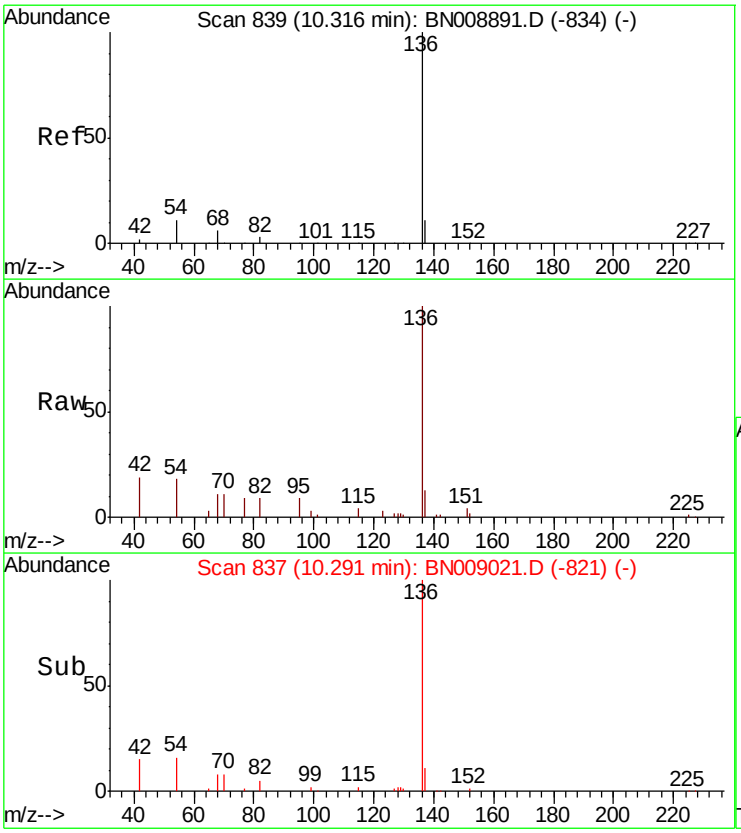
#5
Phenol-d6
Concen: 0.245 ng
RT: 6.74 min Scan# 485
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion: 99 Resp: 4189

Ion	Ratio	Lower	Upper
99	100		
42	84.6	20.1	30.1#
71	119.0	28.2	42.2#

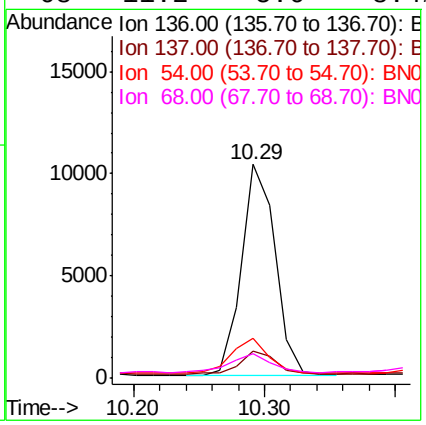


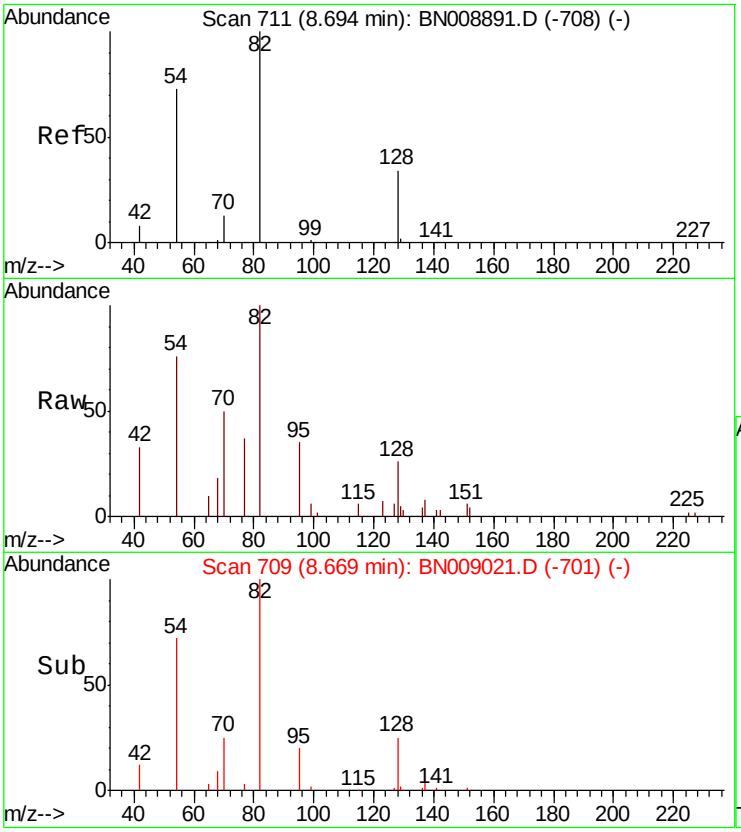


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:136 Resp: 18544

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	18.5	9.6	14.4#
68	11.2	5.6	8.4#



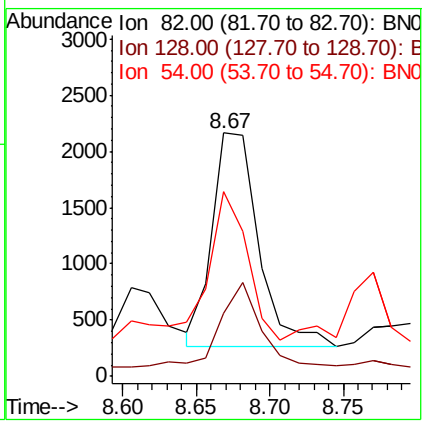


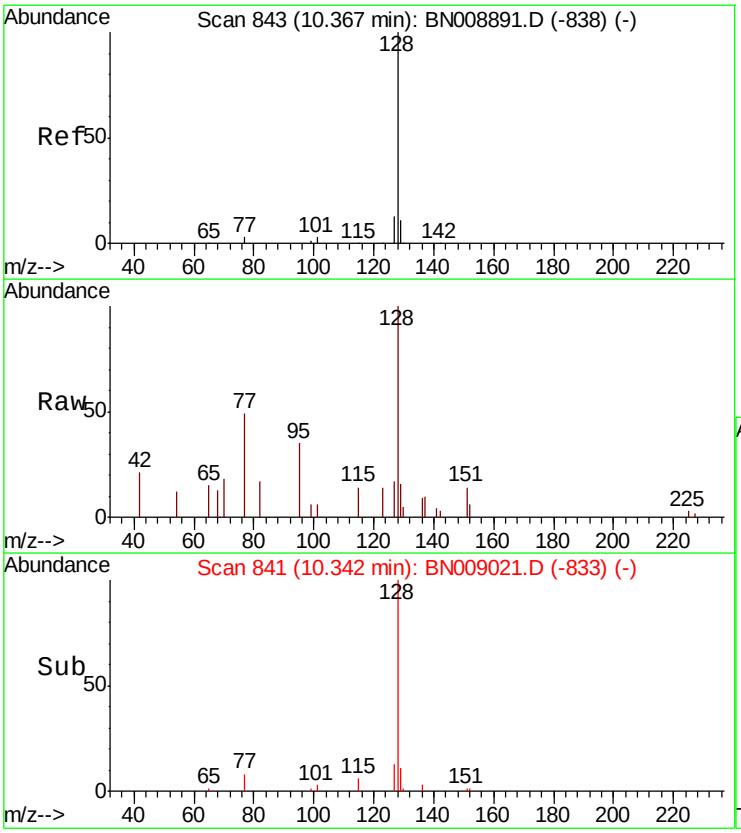
#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion: 82 Resp: 4133

Ion	Ratio	Lower	Upper
82	100		
128	26.2	29.1	43.7#
54	75.9	59.7	89.5

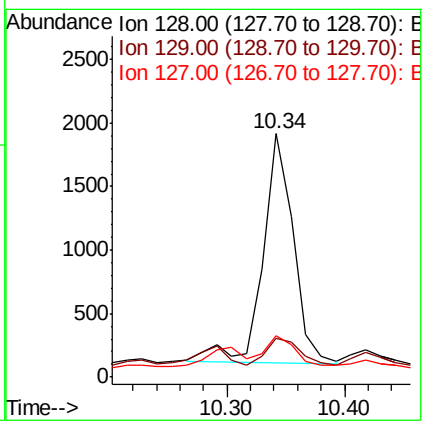


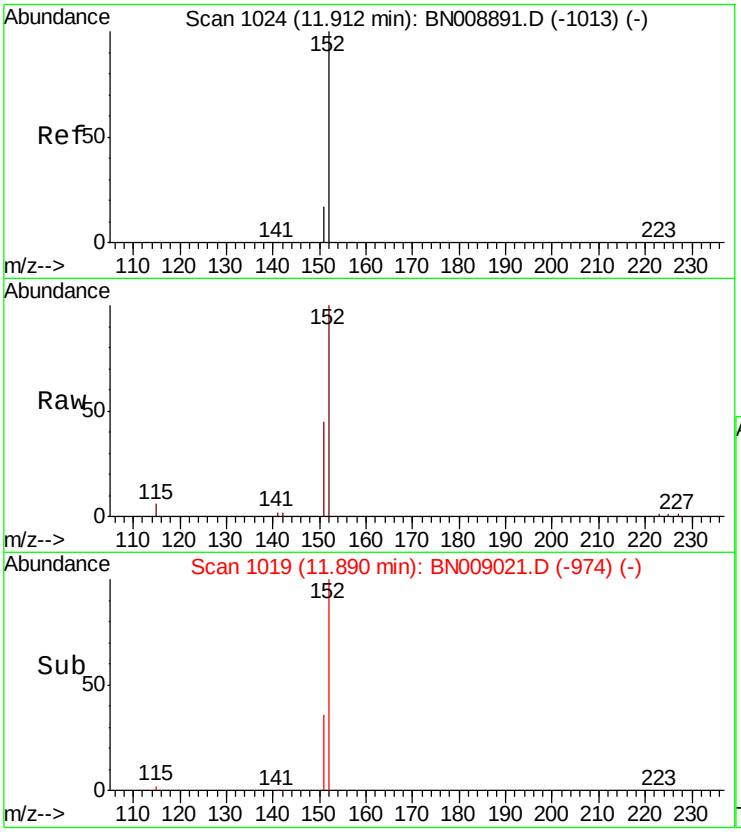


#9
Naphthalene
Concen: 0.064 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:128 Resp: 3253

Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.4	14.0#
127	16.7	10.8	16.2#



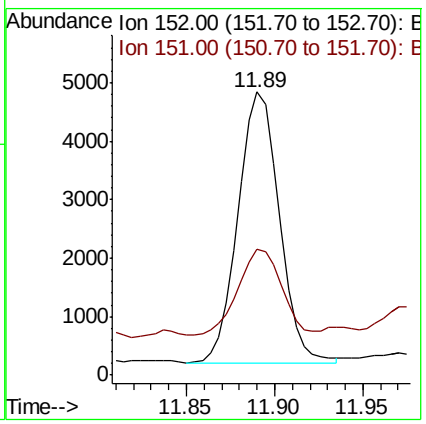


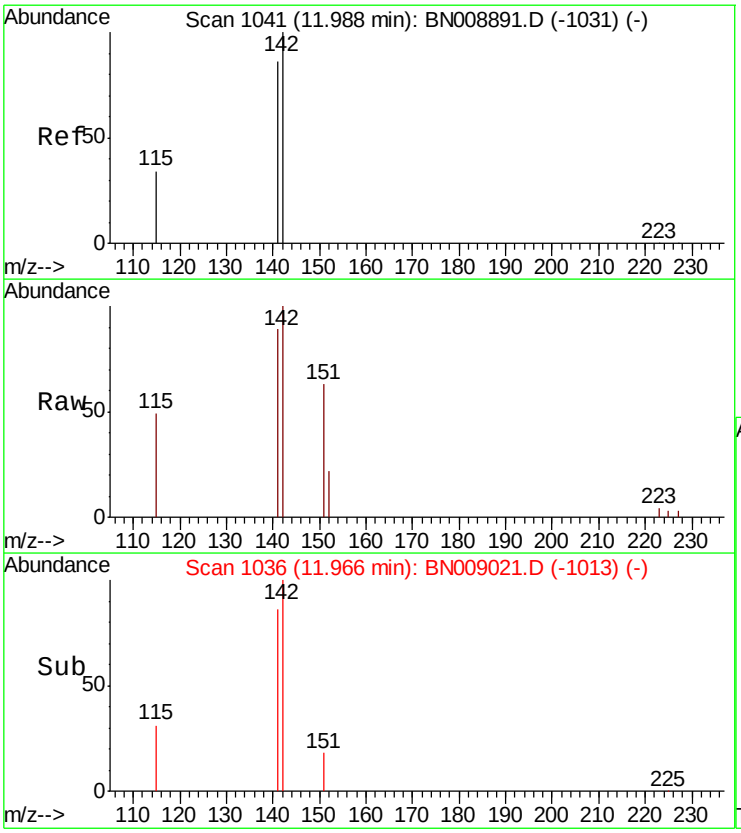
#11
2-Methylnaphthalene-d10
Concen: 0.236 ng
RT: 11.89 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:152 Resp: 7486

Ion	Ratio	Lower	Upper
152	100		
151	36.0	15.2	22.8#

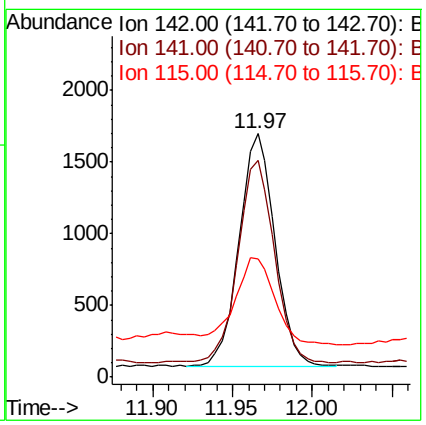


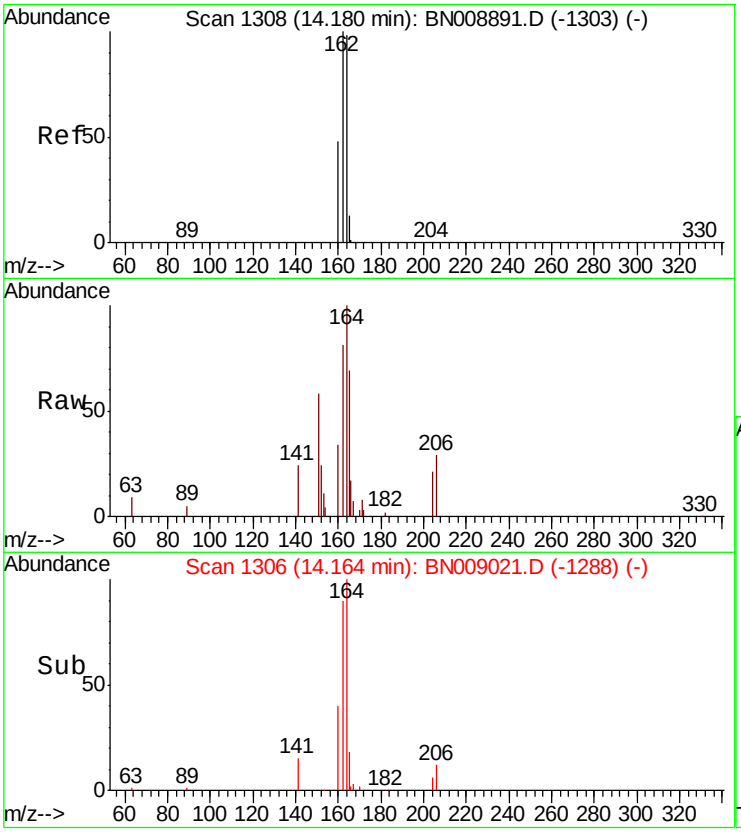


#12
2-Methylnaphthalene
Concen: 0.067 ng
RT: 11.97 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:142 Resp: 2532

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.3	103.9
115	48.6	27.9	41.9#



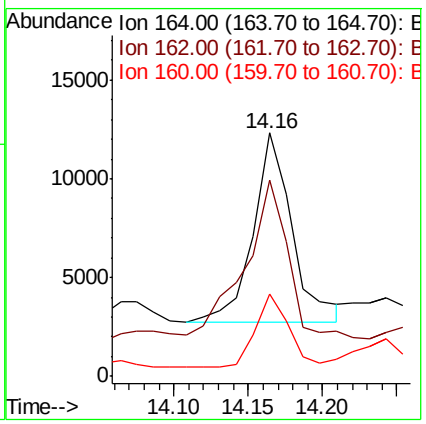


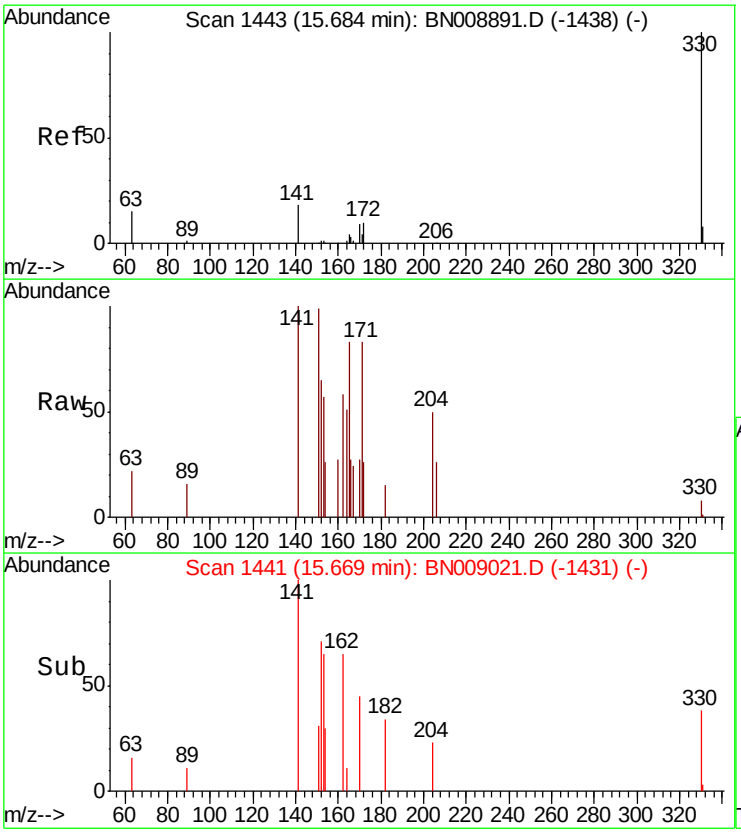
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:164 Resp: 17494

Ion	Ratio	Lower	Upper
164	100		
162	80.8	81.9	122.9#
160	33.9	39.3	58.9#

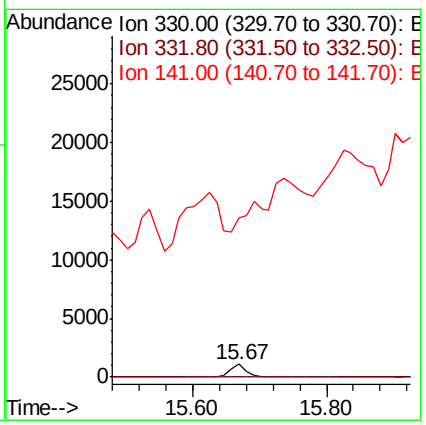


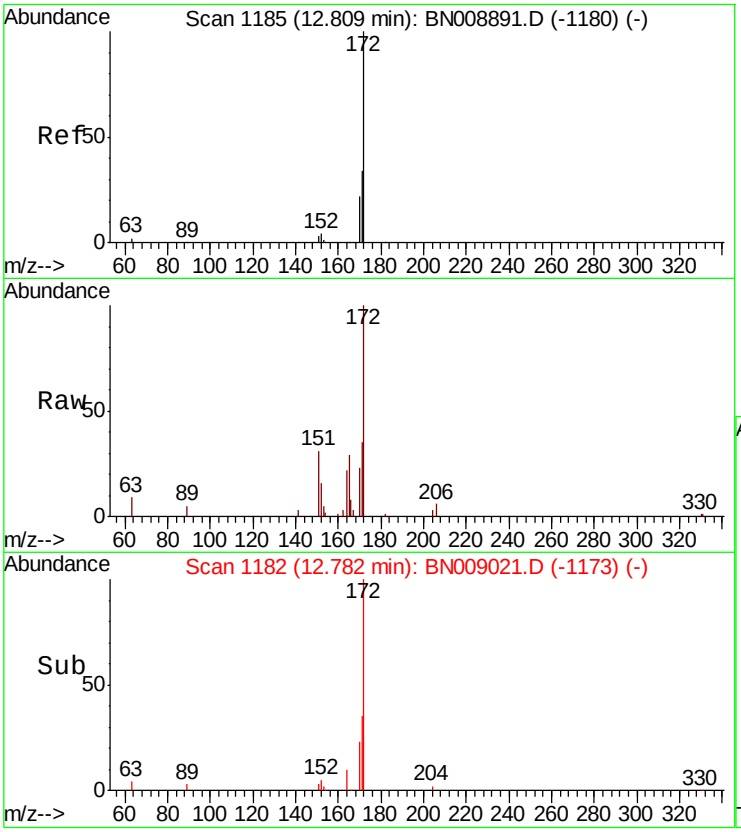


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.67 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:330 Resp: 1542

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	29.6	44.4#



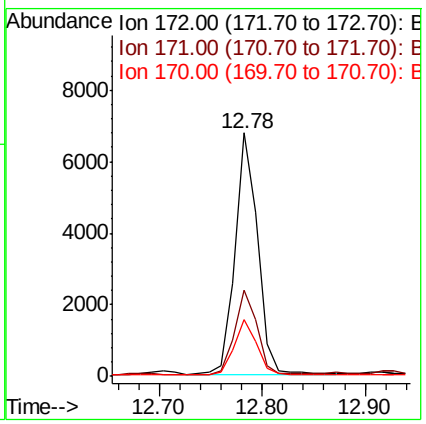


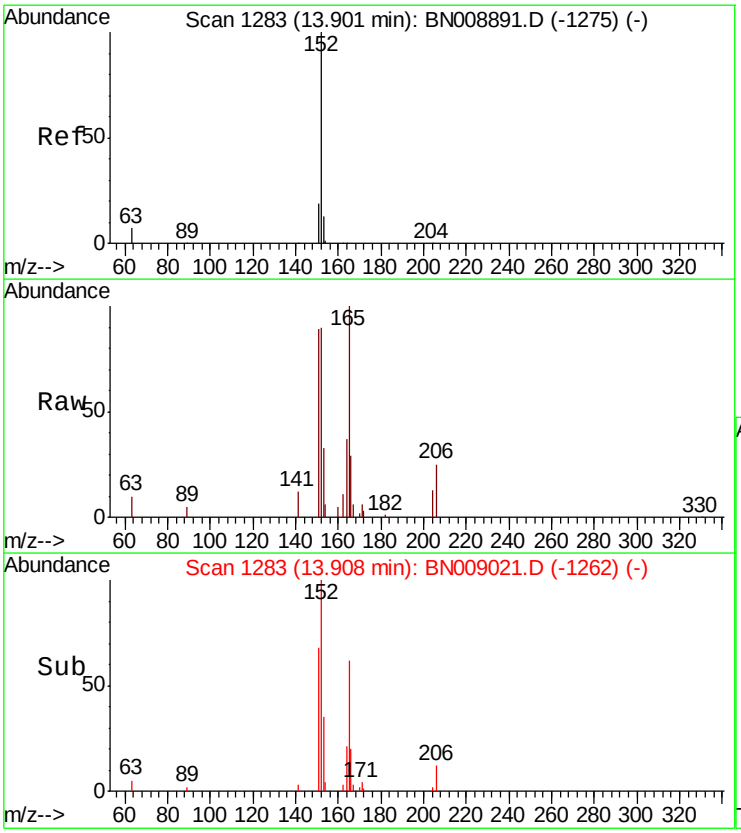
#15
2-Fluorobiphenyl
Concen: 0.153 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:172 Resp: 10196

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.1	40.7
170	23.4	17.7	26.5

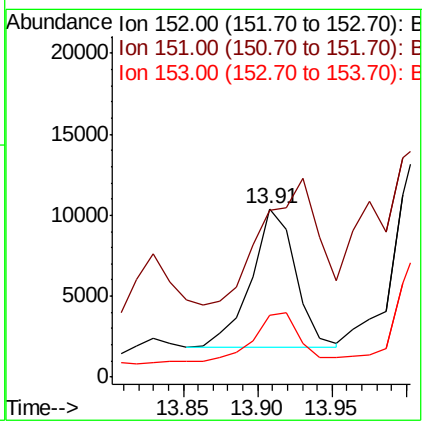


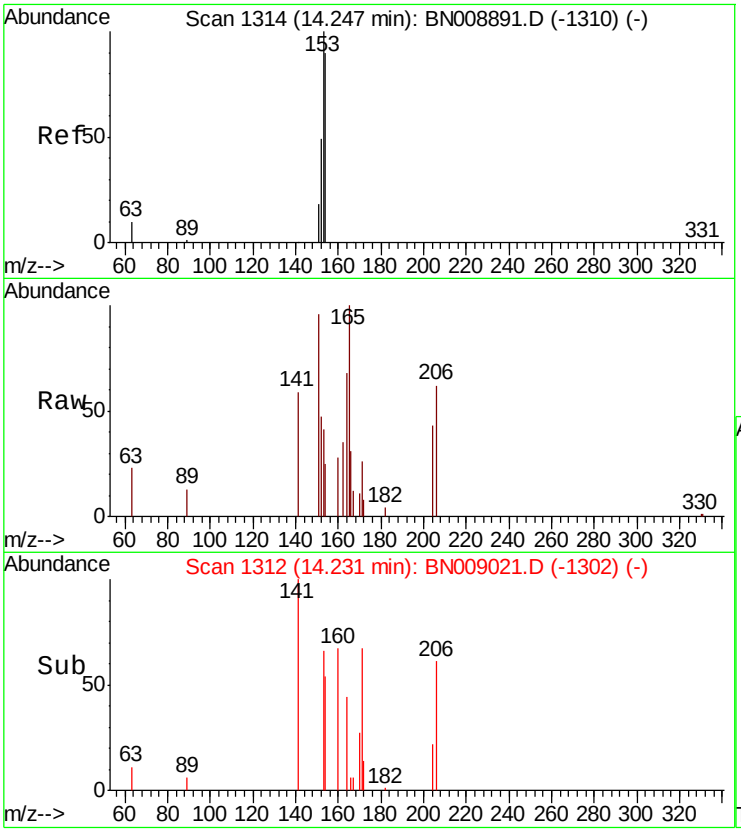


#16
Acenaphthylene
Concen: 0.223 ng
RT: 13.91 min Scan# 1283
Delta R.T. 0.03 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:152 Resp: 17812

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#
153	0.0	10.3	15.5#



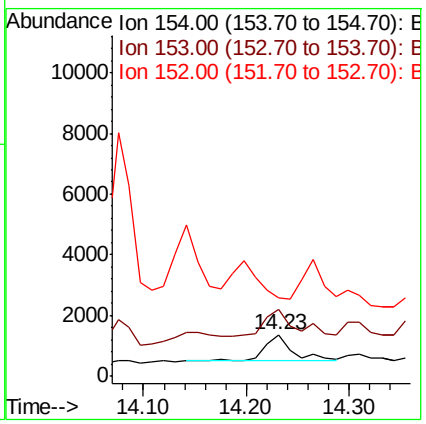


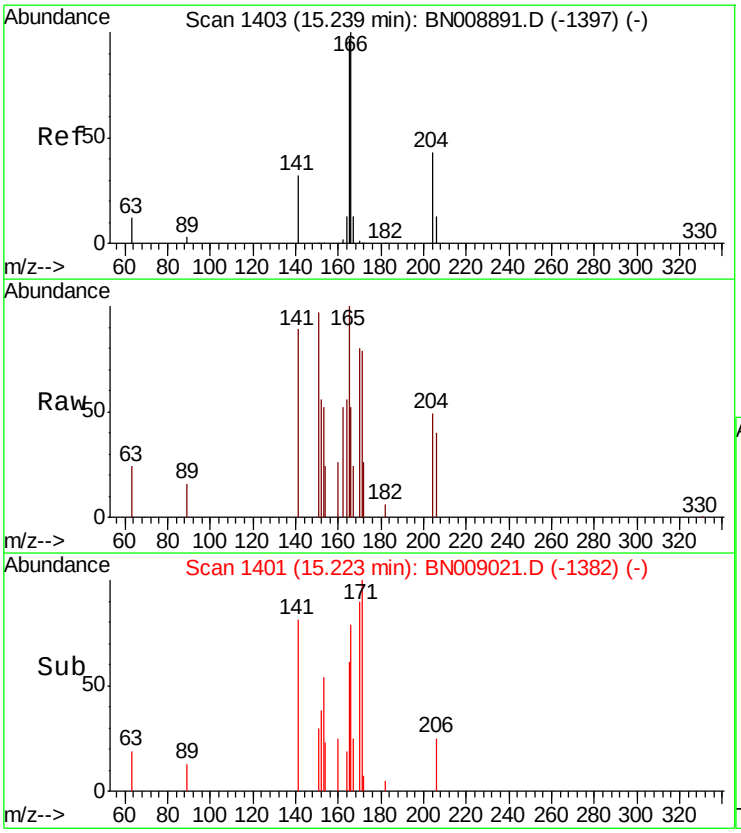
#17
Acenaphthene
Concen: 0.032 ng
RT: 14.23 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:154 Resp: 1677

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	0.0	44.2	66.4#

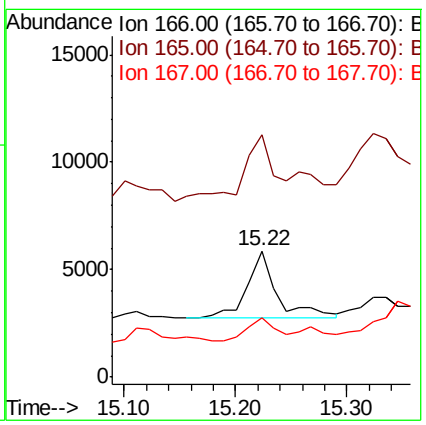


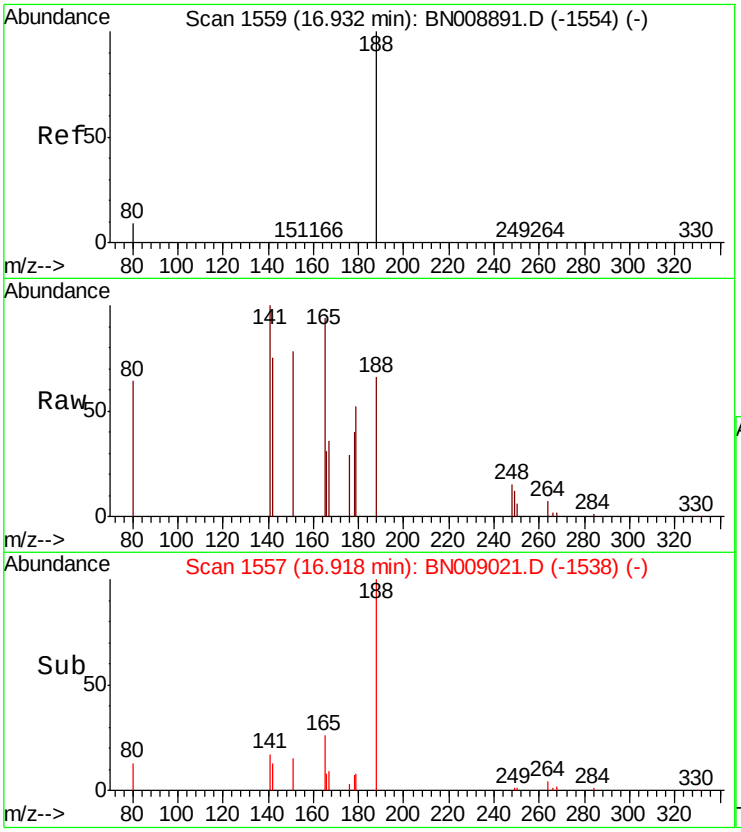


#18
Fluorene
Concen: 0.079 ng
RT: 15.22 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:166 Resp: 5667

Ion	Ratio	Lower	Upper
166	100		
165	107.6	77.3	115.9
167	33.2	10.8	16.2#



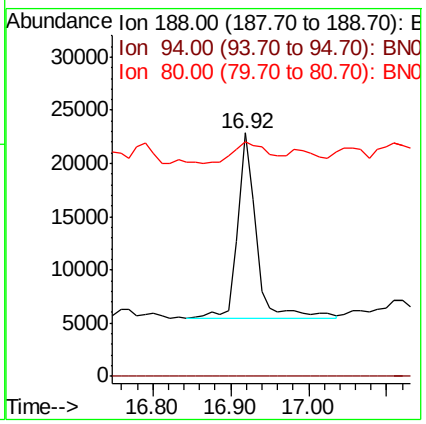


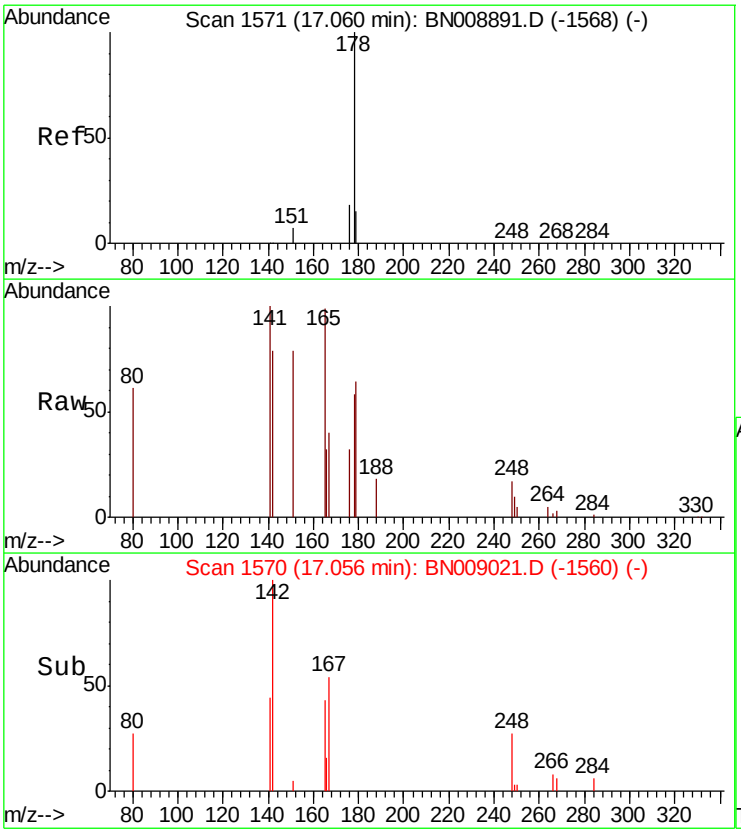
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:188 Resp: 28452

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	96.5	7.3	10.9#

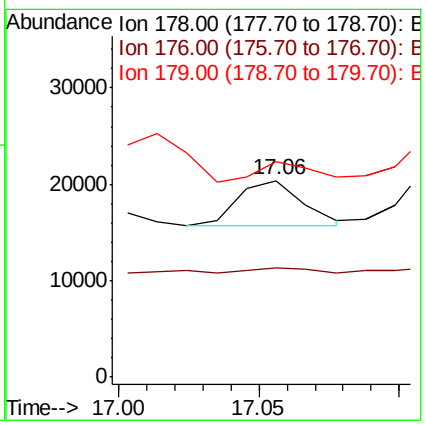


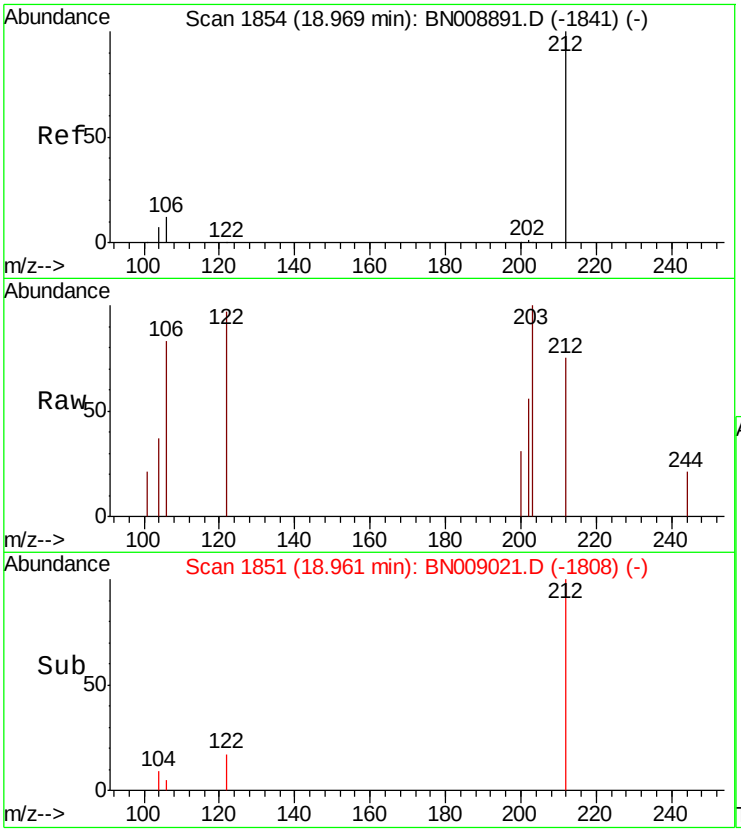


#24
Anthracene
Concen: 0.094 ng
RT: 17.06 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:178 Resp: 7445

Ion	Ratio	Lower	Upper
178	100		
176	16.0	14.4	21.6
179	22.5	12.1	18.1#



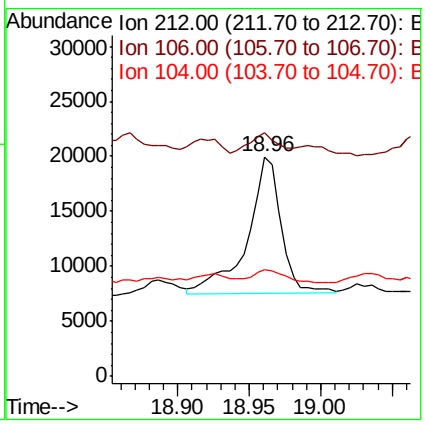


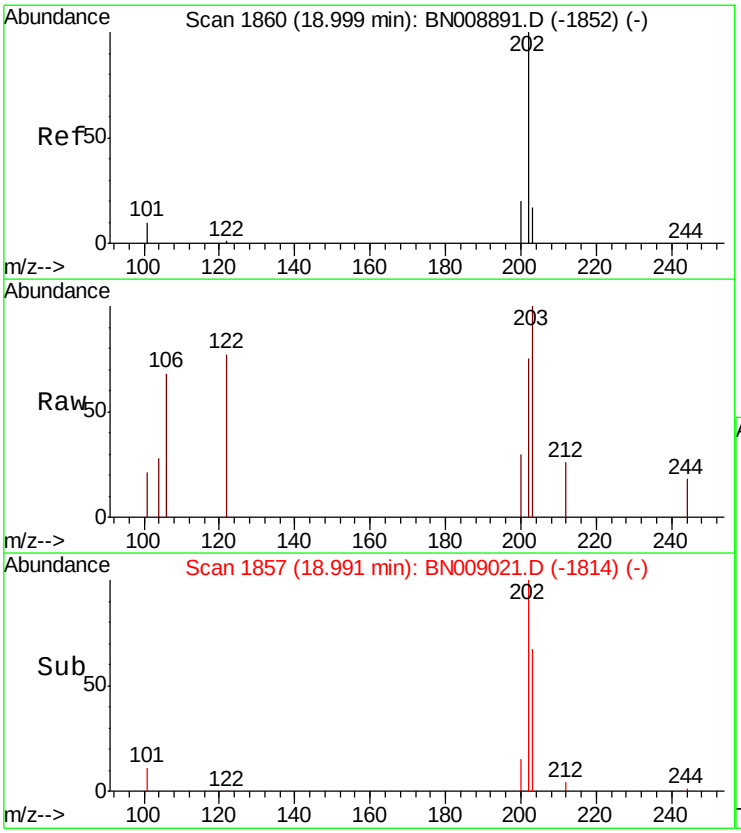
#25
Fluoranthene-d10
Concen: 0.236 ng
RT: 18.96 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:212 Resp: 20341

Ion	Ratio	Lower	Upper
212	100		
106	11.6	10.4	15.6
104	8.2	5.9	8.9

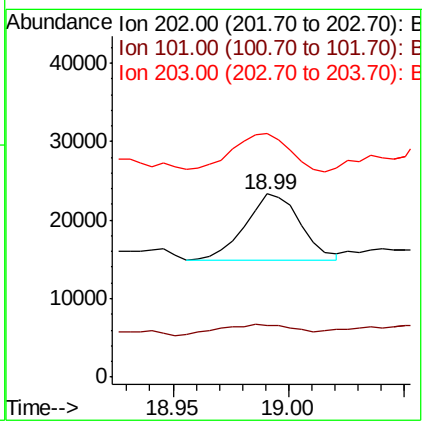


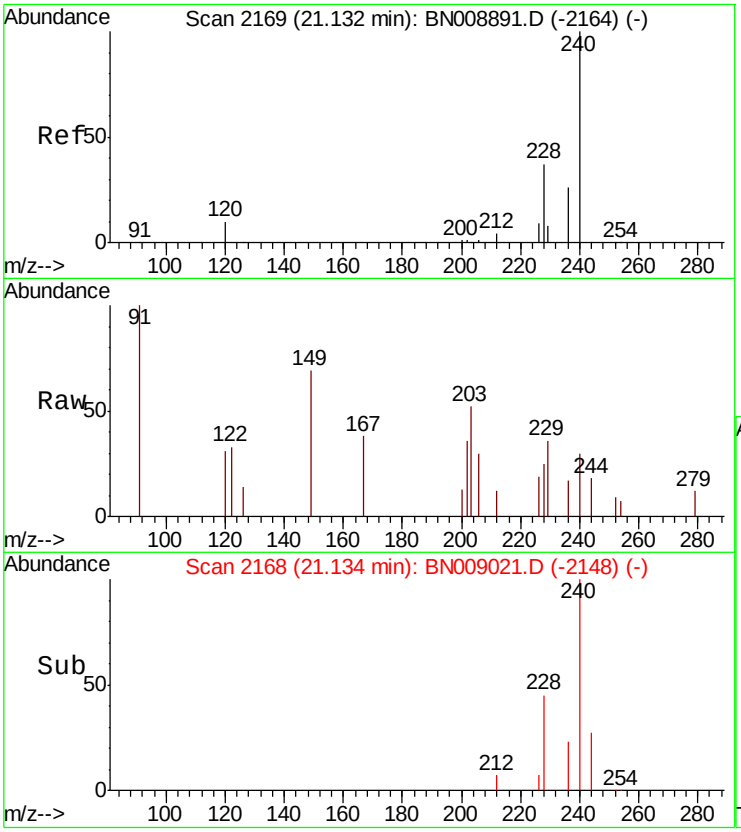


#26
Fluoranthene
Concen: 0.131 ng
RT: 18.99 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:202 Resp: 13956

Ion	Ratio	Lower	Upper
202	100		
101	21.9	8.8	13.2#
203	59.9	13.8	20.6#



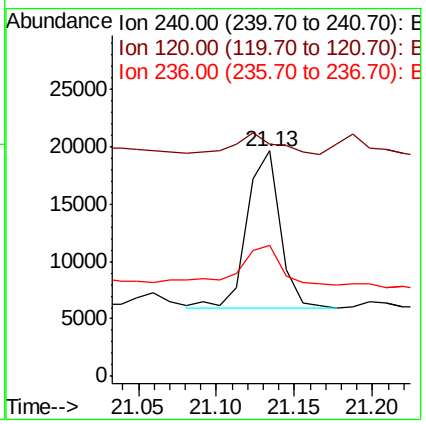


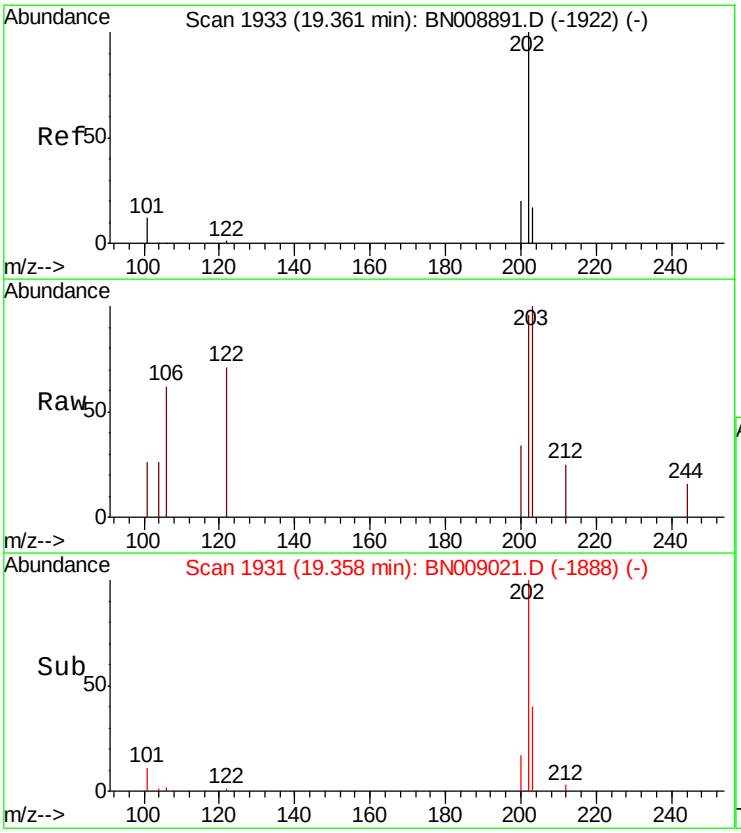
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:240 Resp: 20099

Ion	Ratio	Lower	Upper
240	100		
120	102.9	9.1	13.7#
236	57.9	21.5	32.3#

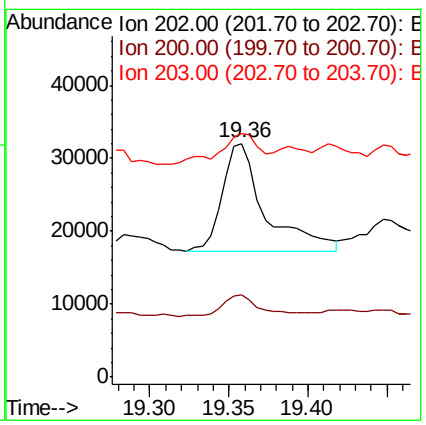


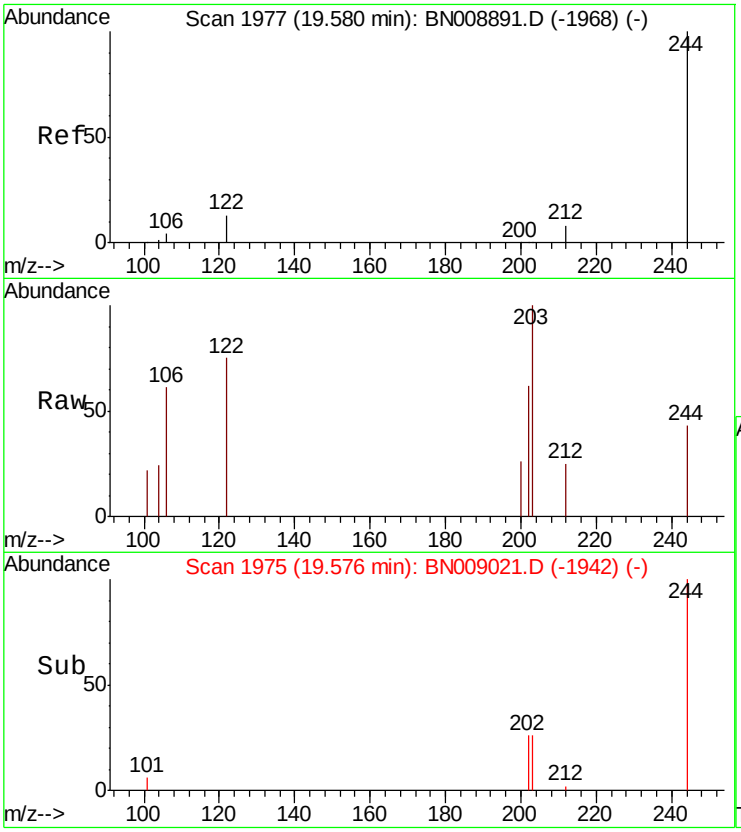


#28
Pyrene
Concen: 0.404 ng
RT: 19.36 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:202 Resp: 28421

Ion	Ratio	Lower	Upper
202	100		
200	16.3	16.1	24.1
203	24.3	13.9	20.9#



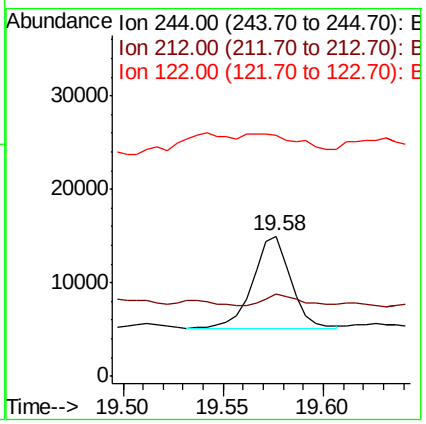


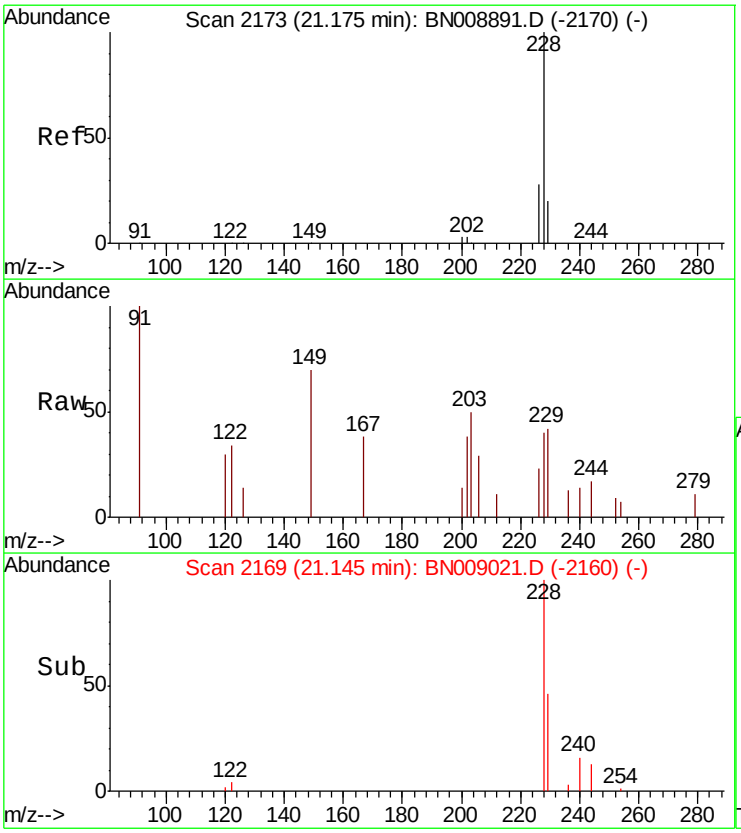
#29
Terphenyl-d14
Concen: 0.282 ng
RT: 19.58 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:244 Resp: 12914

Ion	Ratio	Lower	Upper
244	100		
212	58.5	6.5	9.7#
122	171.9	10.4	15.6#

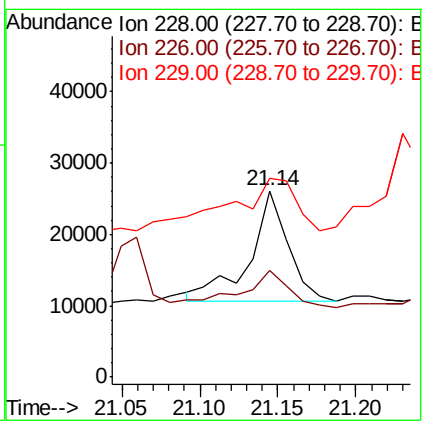


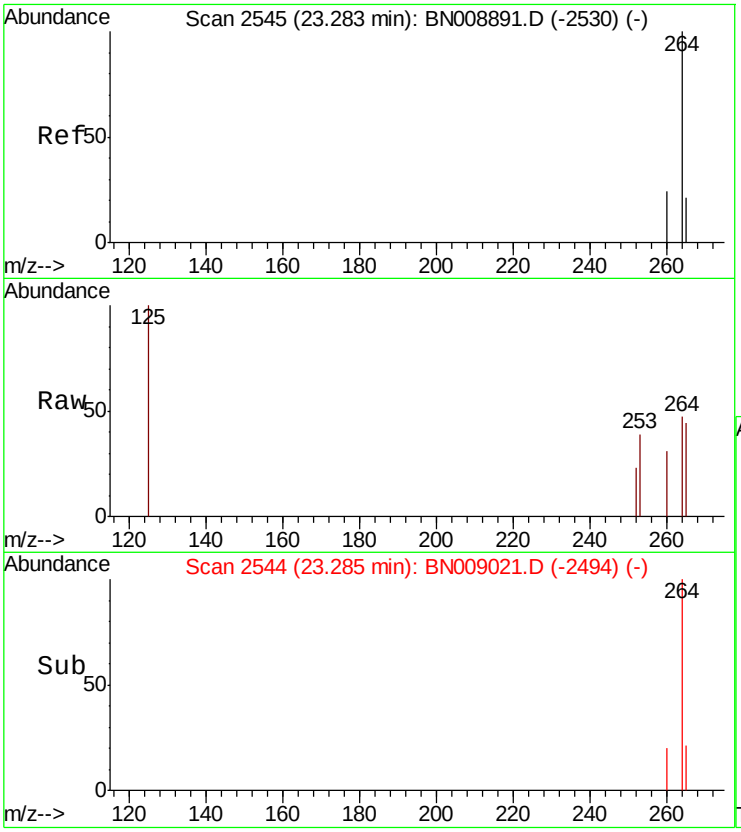


#31
Chrysene
Concen: 0.361 ng
RT: 21.14 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Tgt Ion:228 Resp: 26688

Ion	Ratio	Lower	Upper
228	100		
226	57.1	22.2	33.4#
229	106.8	15.9	23.9#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BN009021.D
Acq: 18 Dec 2019 18:52

Instrument :
BNA_N
ClientSampleId :
BE-216-COMP-SRE

Tgt Ion:264 Resp: 18498

Ion	Ratio	Lower	Upper
264	100		
260	66.4	19.4	29.0#
265	93.9	47.5	71.3#