Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014494.D
Acq On : 29 Apr 2021 17:44
Operator : CG/JU
Sample : PB136047BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136047BSD

Quant Time: Apr 29 18:38:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 15:11:14 2021
Response via : Initial Calibration

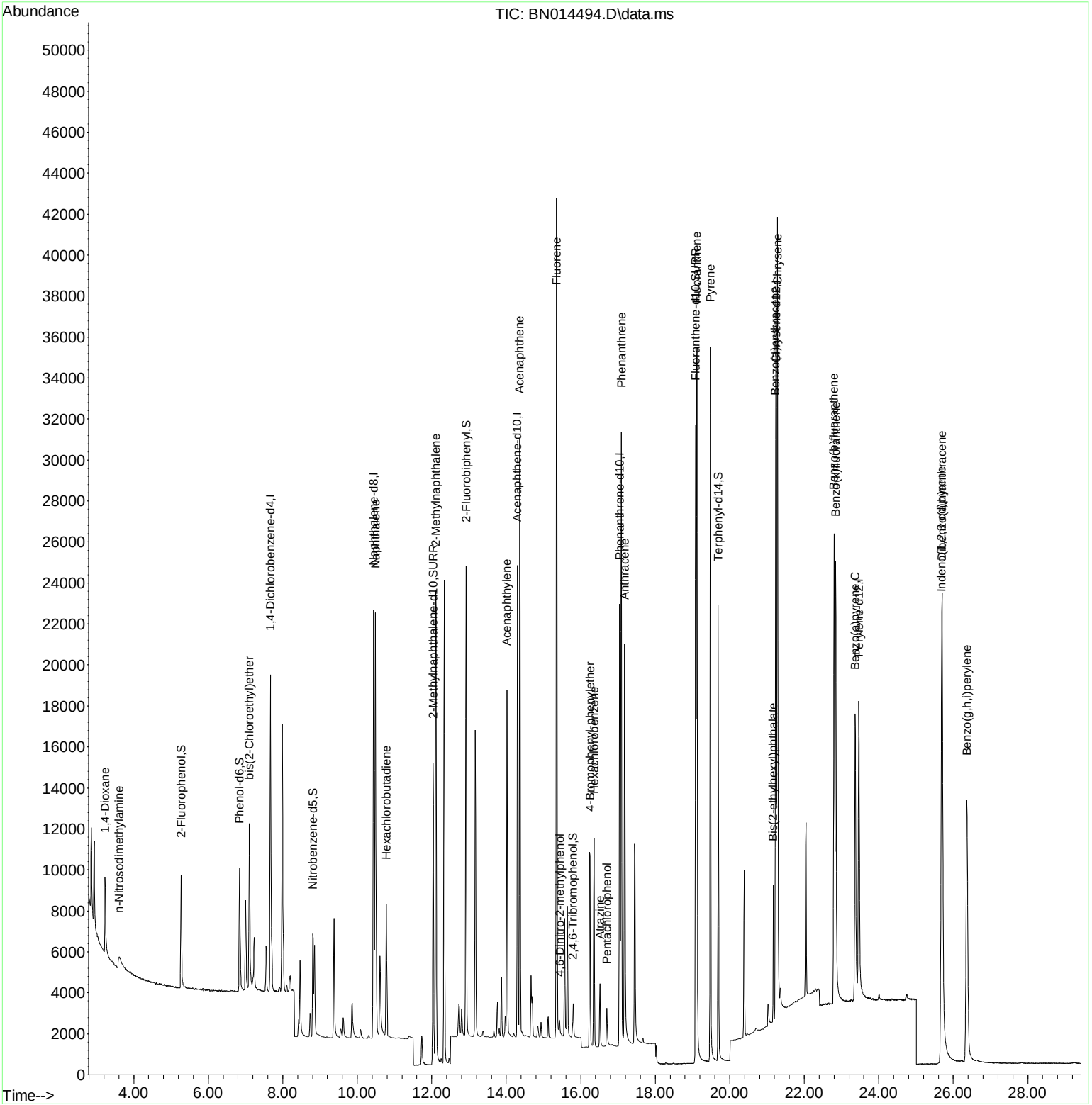
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	7735	0.40	ng		0.00
7) Naphthalene-d8	10.441	136	28357	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	14999	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	30942	0.40	ng		0.00
29) Chrysene-d12	21.250	240	26606	0.40	ng		0.00
35) Perylene-d12	23.465	264	21591	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	5128	0.37	ng		0.00
5) Phenol-d6	6.839	99	6134	0.36	ng		0.00
8) Nitrobenzene-d5	8.807	82	5203	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.040	152	21171	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	1334	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	21407	0.36	ng		0.00
27) Fluoranthene-d10	19.084	212	38112	0.35	ng		0.00
31) Terphenyl-d14	19.690	244	23876	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	3129	0.36	ng		96
3) n-Nitrosodimethylamine	3.609	42	969	0.36	ng	#	84
6) bis(2-Chloroethyl)ether	7.104	93	6988	0.37	ng		99
9) Naphthalene	10.492	128	27472	0.37	ng		100
10) Hexachlorobutadiene	10.784	225	5238	0.37	ng	#	99
12) 2-Methylnaphthalene	12.111	142	17708	0.37	ng		100
16) Acenaphthylene	14.016	152	19032	0.34	ng		99
17) Acenaphthene	14.359	154	15407	0.36	ng		99
18) Fluorene	15.348	166	18807	0.36	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	793	0.44	ng		84
21) 4-Bromophenyl-phenylether	16.252	248	5859	0.35	ng		95
22) Hexachlorobenzene	16.362	284	8107	0.36	ng		100
23) Atrazine	16.520	200	2857	0.37	ng		98
24) Pentachlorophenol	16.702	266	1002	0.47	ng		97
25) Phenanthrene	17.092	178	32235	0.36	ng		100
26) Anthracene	17.177	178	23340	0.34	ng		100
28) Fluoranthene	19.119	202	33501	0.35	ng		99
30) Pyrene	19.481	202	32485	0.37	ng		100
32) Benzo(a)anthracene	21.229	228	24576	0.34	ng		99
33) Chrysene	21.282	228	32234	0.36	ng		99
34) Bis(2-ethylhexyl)phtha...	21.165	149	7260	0.37	ng		99
36) Indeno(1,2,3-cd)pyrene	25.687	276	29458	0.34	ng		100
37) Benzo(b)fluoranthene	22.801	252	29403	0.35	ng		99
38) Benzo(k)fluoranthene	22.842	252	31431	0.35	ng		100
39) Benzo(a)pyrene	23.366	252	24375	0.34	ng		100
40) Dibenzo(a,h)anthracene	25.700	278	24889	0.34	ng		98
41) Benzo(g,h,i)perylene	26.364	276	29024	0.36	ng		100

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

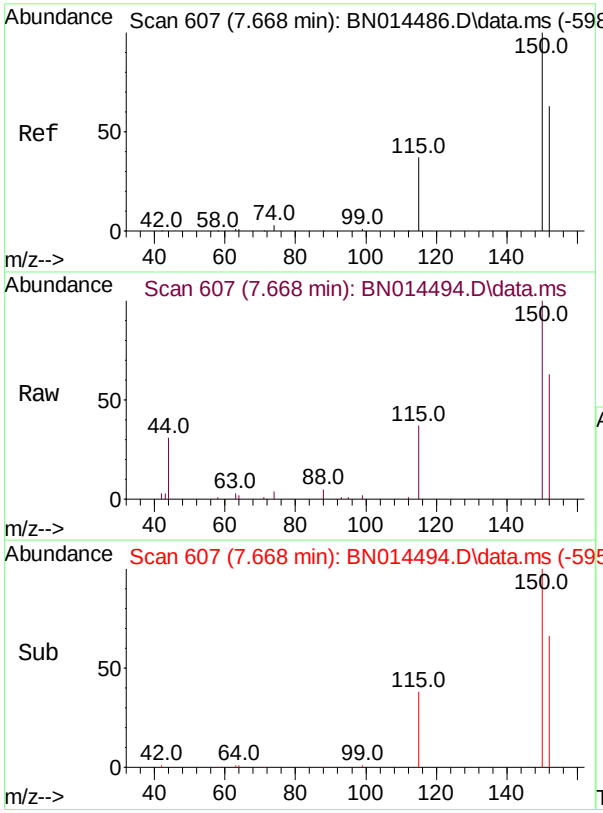
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014494.D
Acq On : 29 Apr 2021 17:44
Operator : CG/JU
Sample : PB136047BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136047BSD

Quant Time: Apr 29 18:38:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 15:11:14 2021
Response via : Initial Calibration



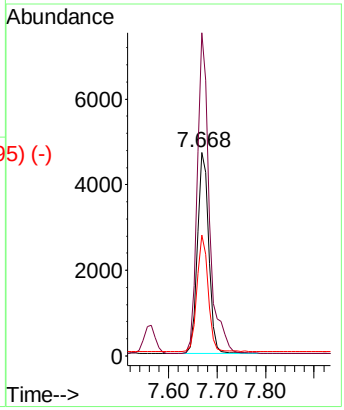
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

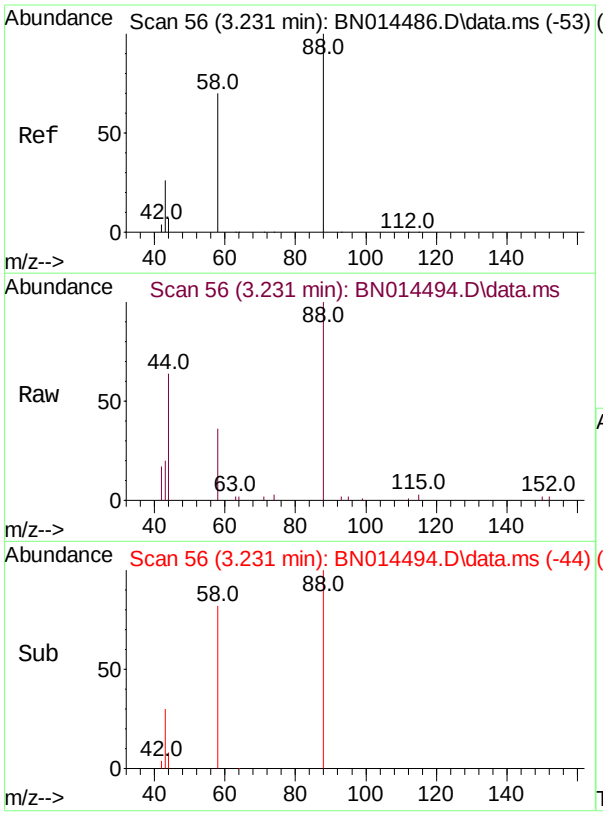


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.668 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:152 Resp: 7735

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	59.3	47.7	71.5

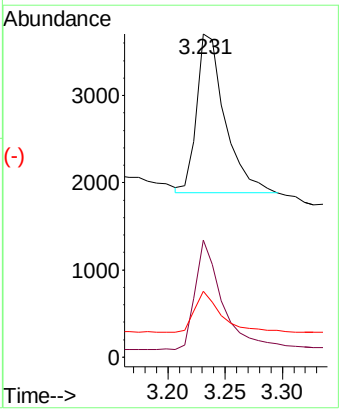




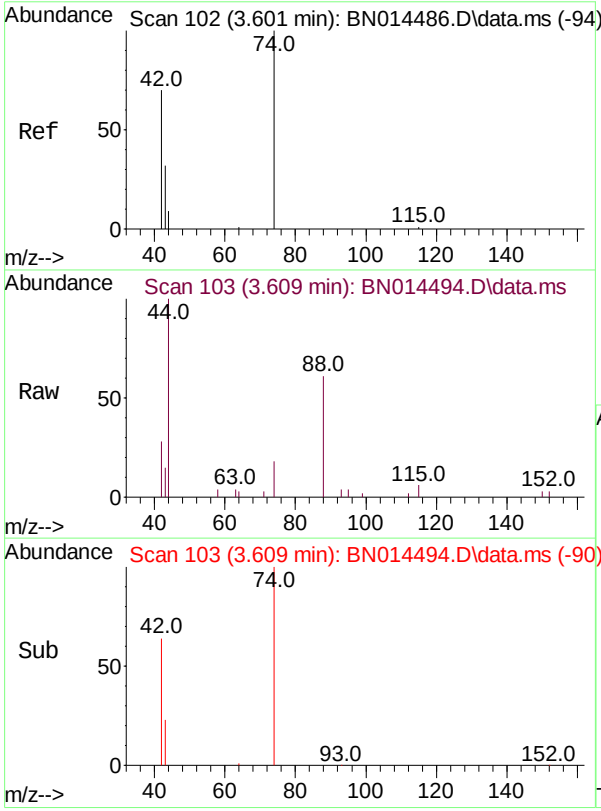
#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.231 min Scan# 56
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion: 88 Resp: 3129

Ion	Ratio	Lower	Upper
88	100		
58	66.7	55.4	83.0
43	23.5	21.6	32.4



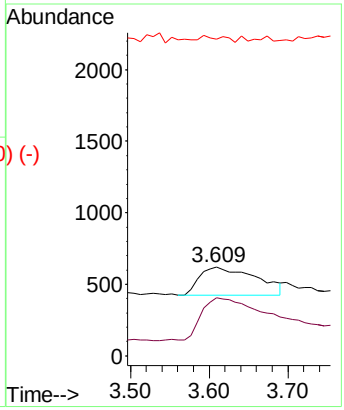
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

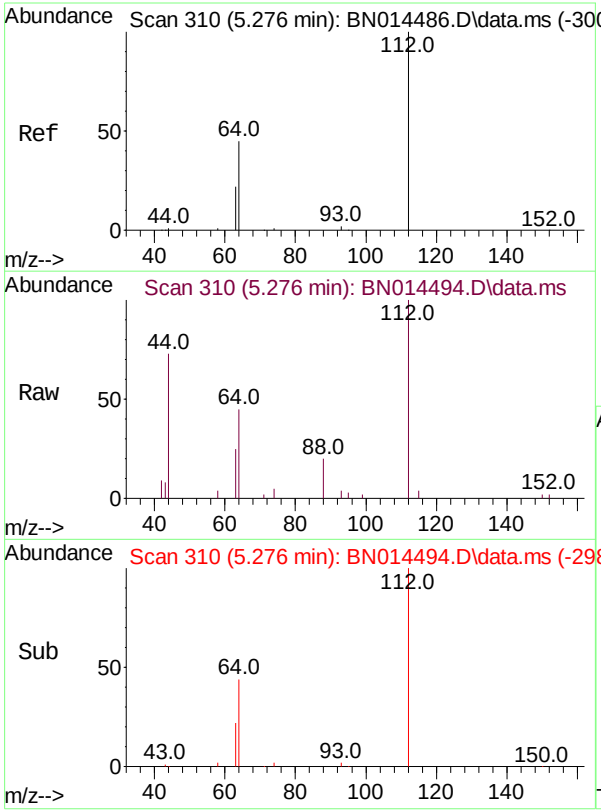


n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.609 min Scan# 103
Delta R.T. 0.008 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion: 42 Resp: 969

Ion	Ratio	Lower	Upper
42	100		
74	171.0	120.3	180.5
44	2.8	6.7	10.1#

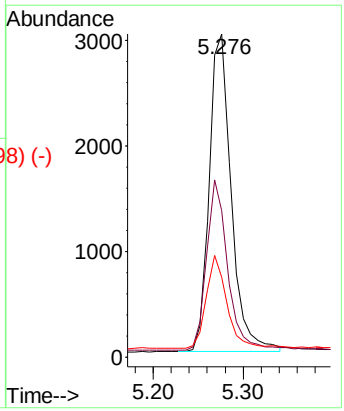




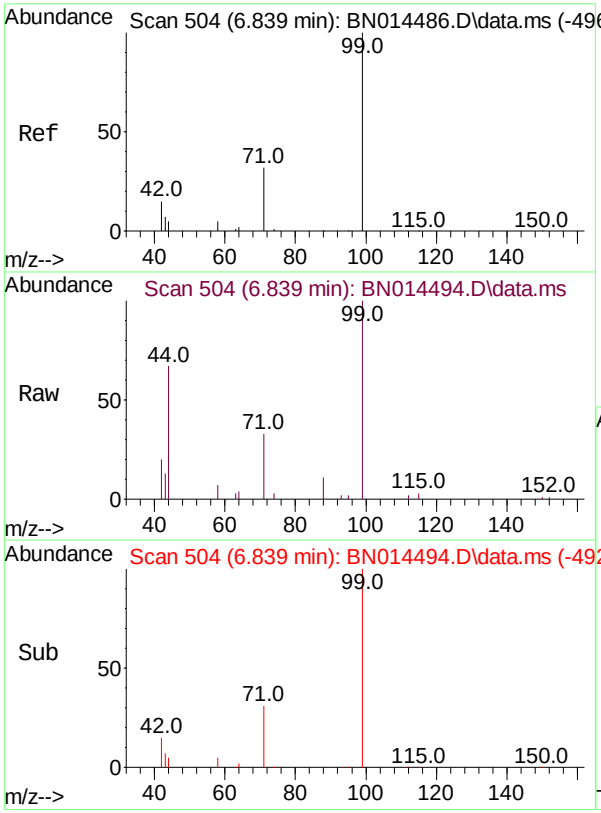
2-Fluorophenol
Concen: 0.37 ng
RT: 5.276 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:112 Resp: 5128

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.4	63.6
63	27.7	22.2	33.4



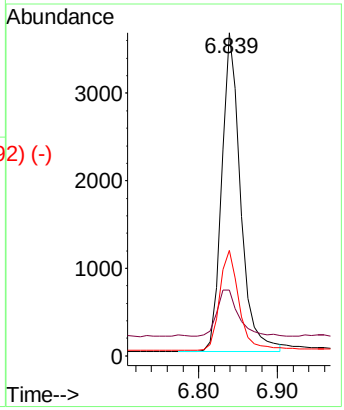
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

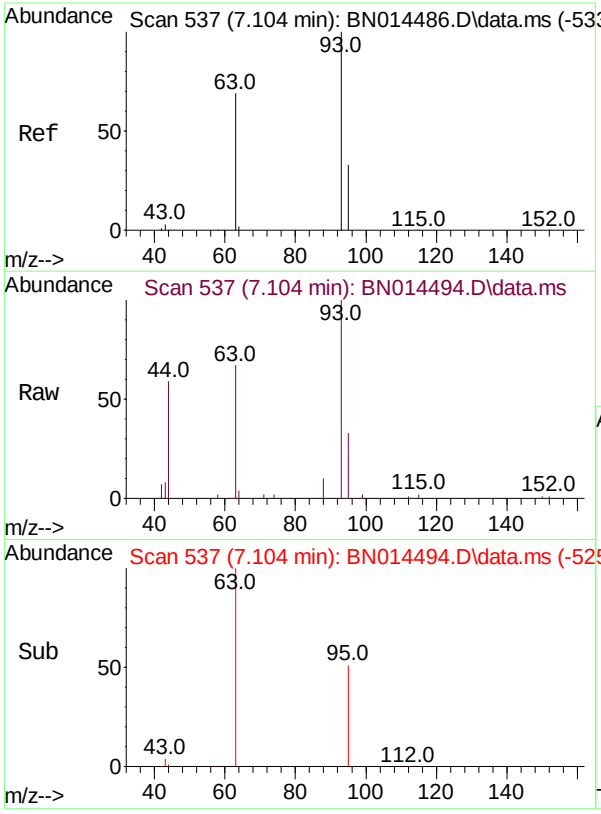


#5
Phenol-d6
Concen: 0.36 ng
RT: 6.839 min Scan# 504
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion: 99 Resp: 6134

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	32.2	26.0	39.0

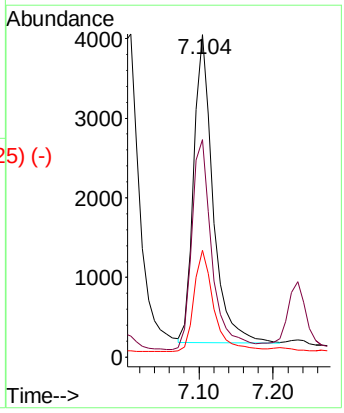




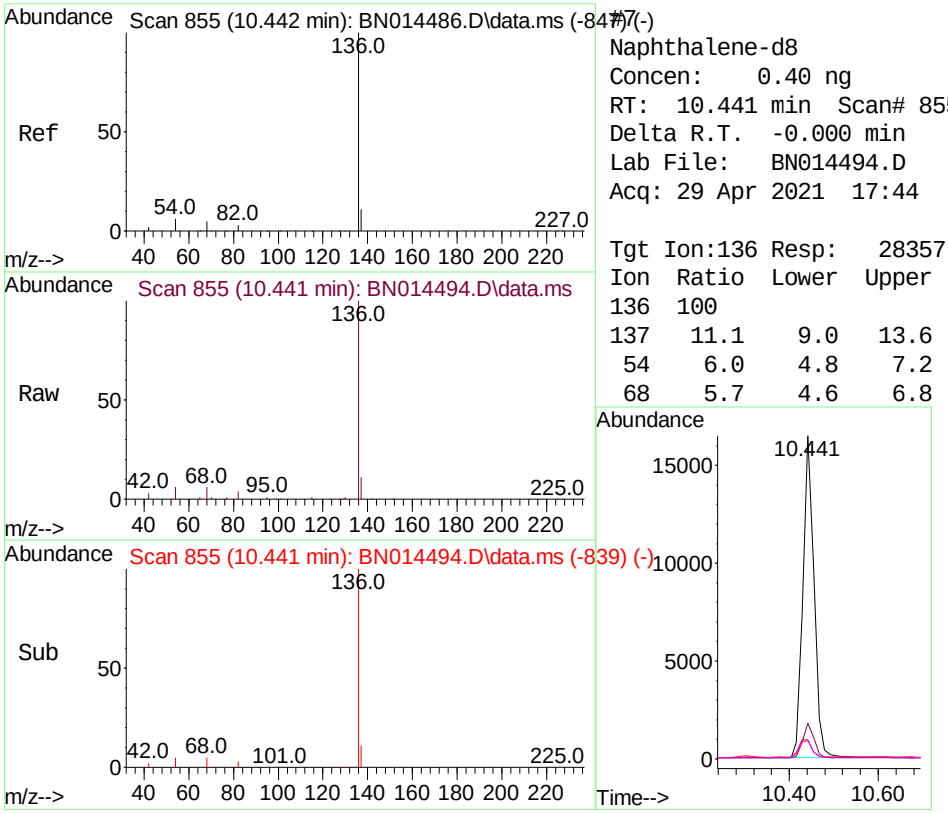
#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 7.104 min Scan# 537
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion: 93 Resp: 6988

Ion	Ratio	Lower	Upper
93	100		
63	71.9	58.3	87.5
95	33.8	27.0	40.6



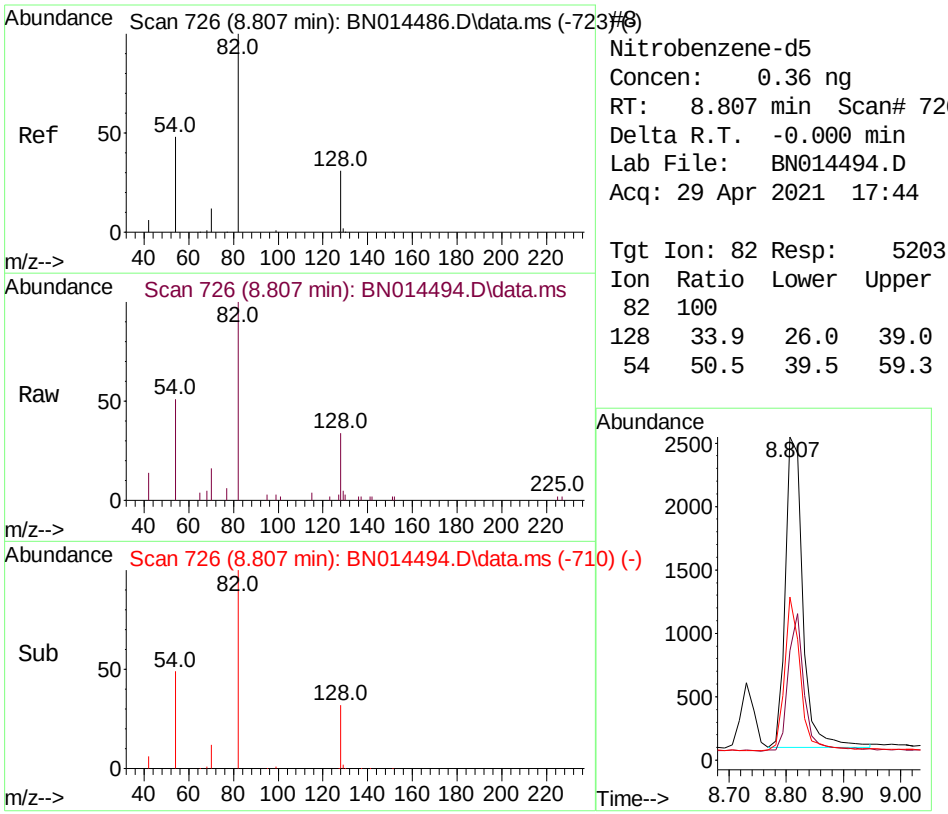
Instrument :
BNA_N
ClientSampleId :
PB136047BSD



Naphthalene-d8
Concen: 0.40 ng
RT: 10.441 min Scan# 855
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:136 Resp: 28357

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.0	4.8	7.2
68	5.7	4.6	6.8

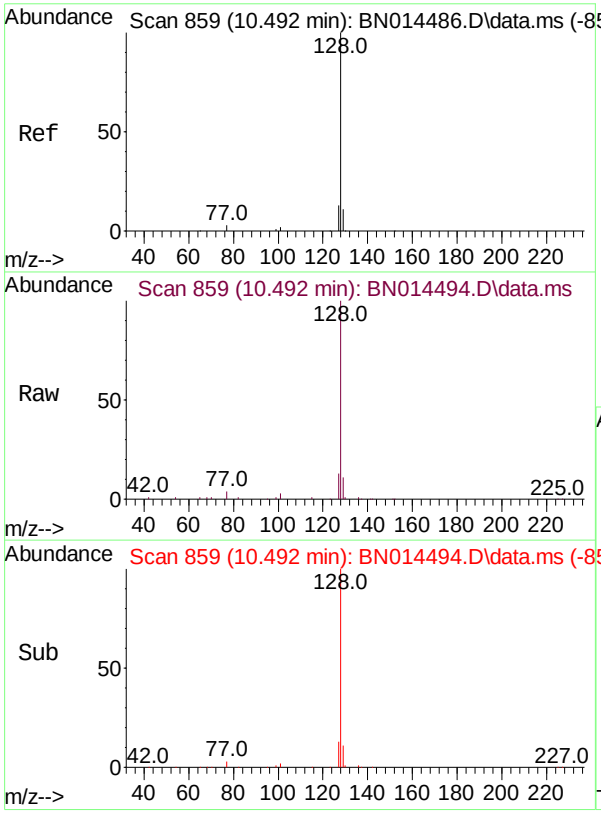


Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.807 min Scan# 726
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion: 82 Resp: 5203

Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.0	39.0
54	50.5	39.5	59.3

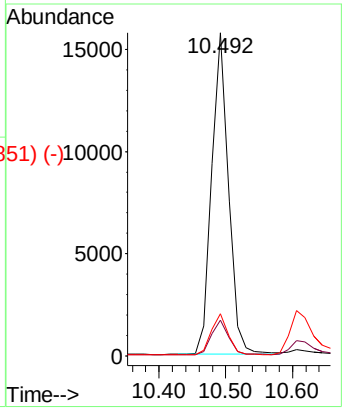
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

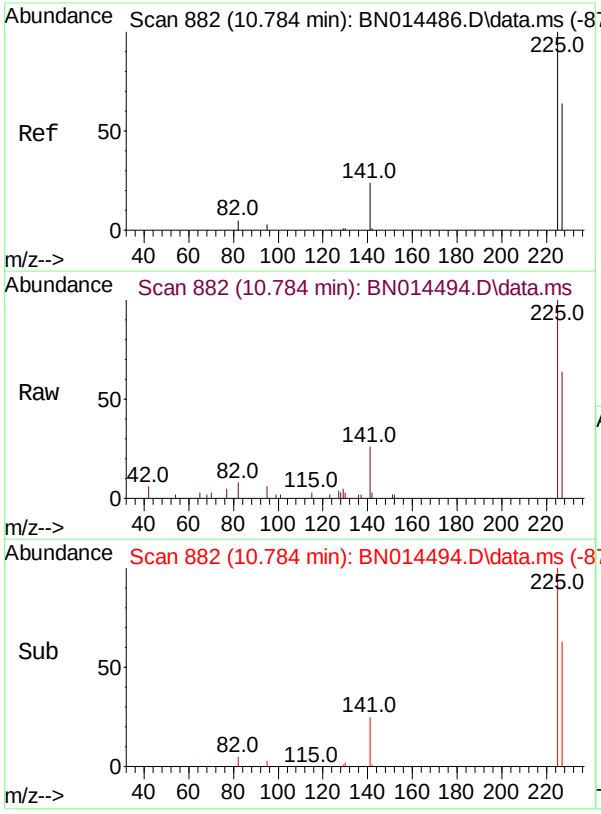


#9
Naphthalene
Concen: 0.37 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:128 Resp: 27472

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.0	10.2	15.4

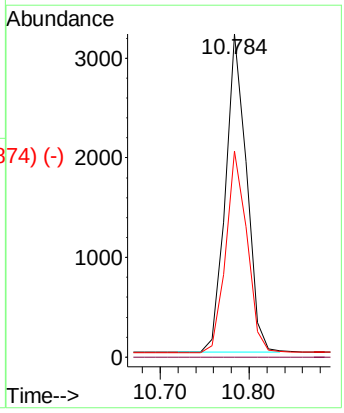




#10
Hexachlorobutadiene
Concen: 0.37 ng
RT: 10.784 min Scan# 882
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:225 Resp: 5238

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.8	77.6



Instrument :
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ClientSampleId :
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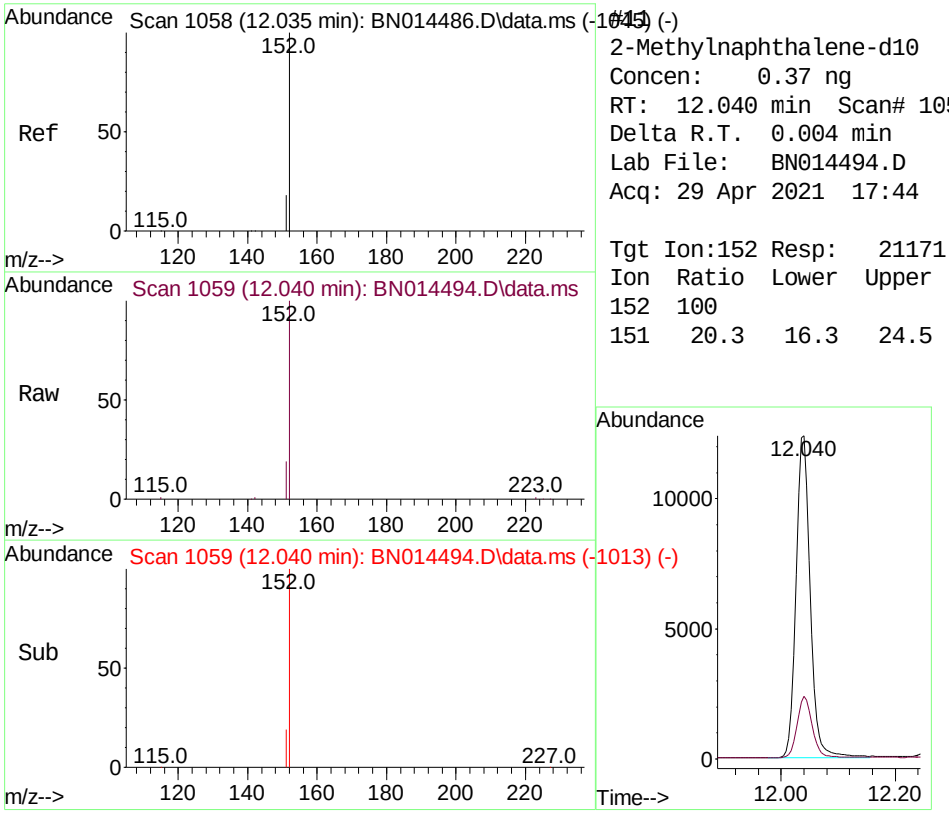
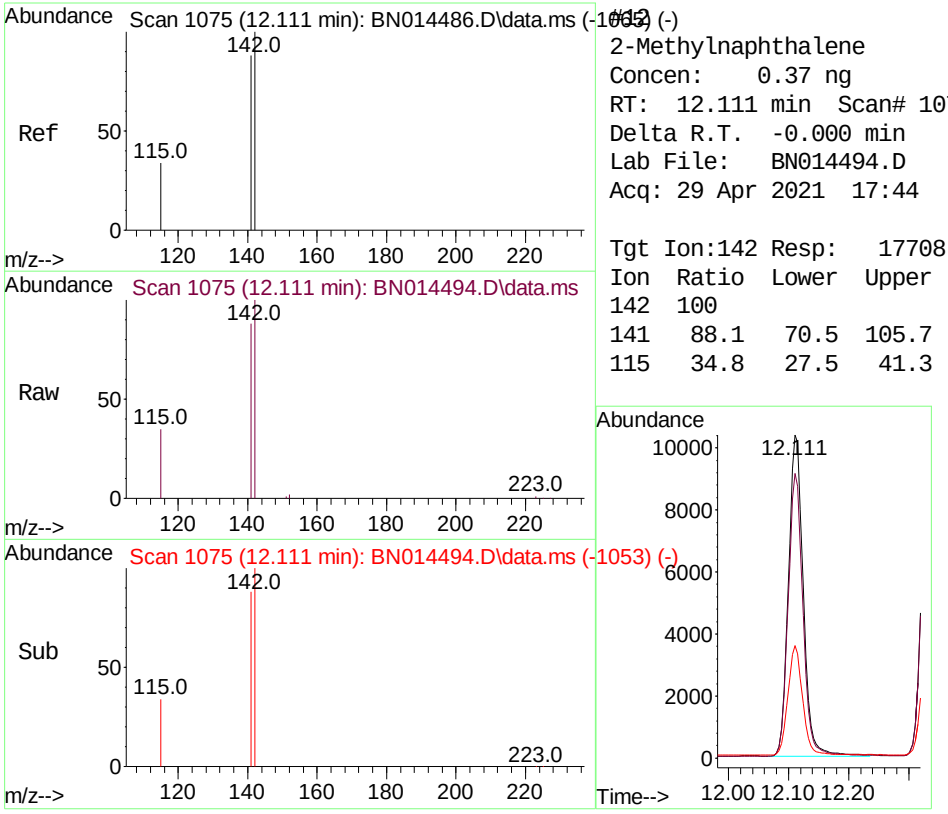


#41
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.040 min Scan# 1059
Delta R.T. 0.004 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:152 Resp: 21171

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

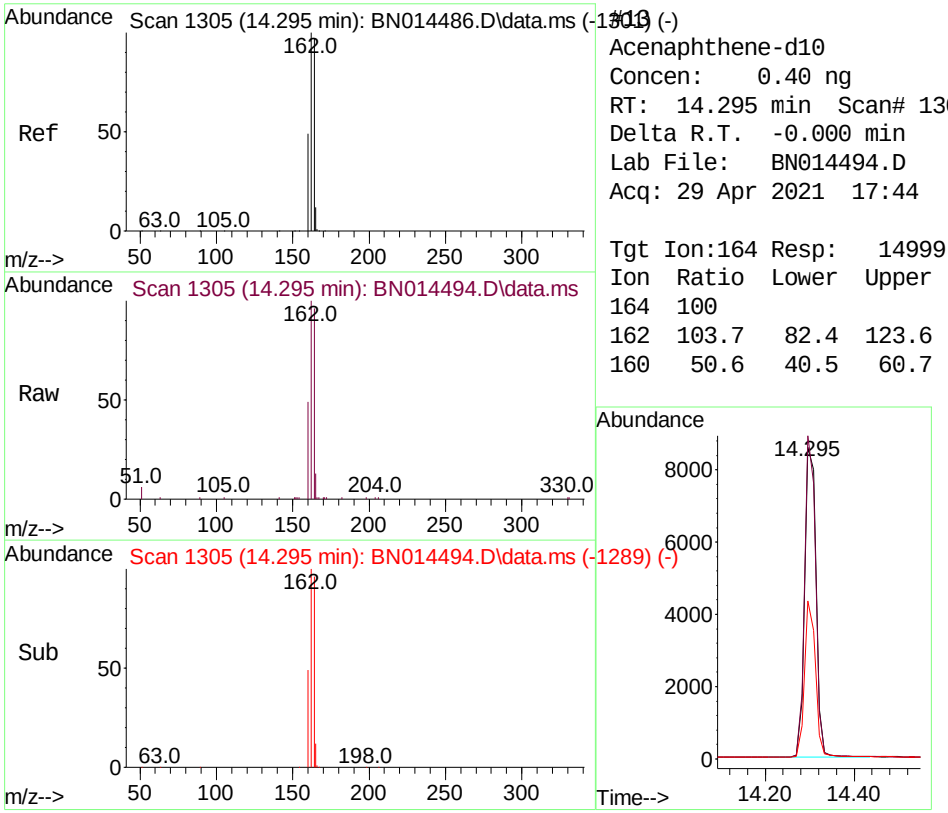


#42
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:142 Resp: 17708

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7
115	34.8	27.5	41.3

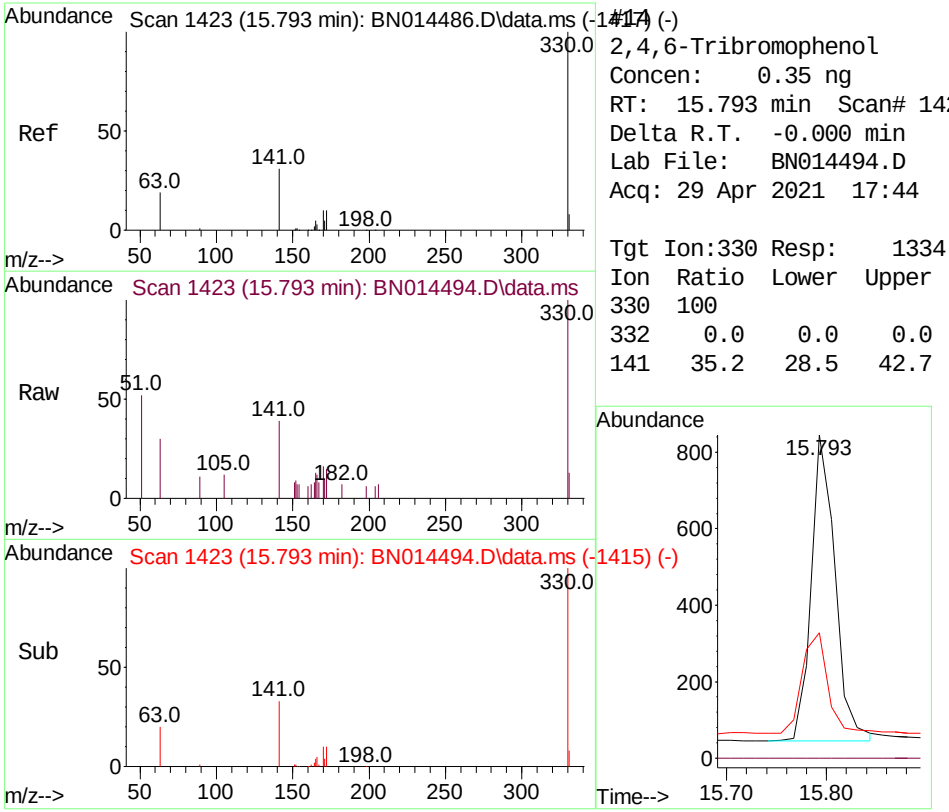
Instrument :
BNA_N
ClientSampleId :
PB136047BSD



#10
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.295 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:164 Resp: 14999

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	50.6	40.5	60.7



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.793 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:330 Resp: 1334

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.2	28.5	42.7

Instrument :
BNA_N
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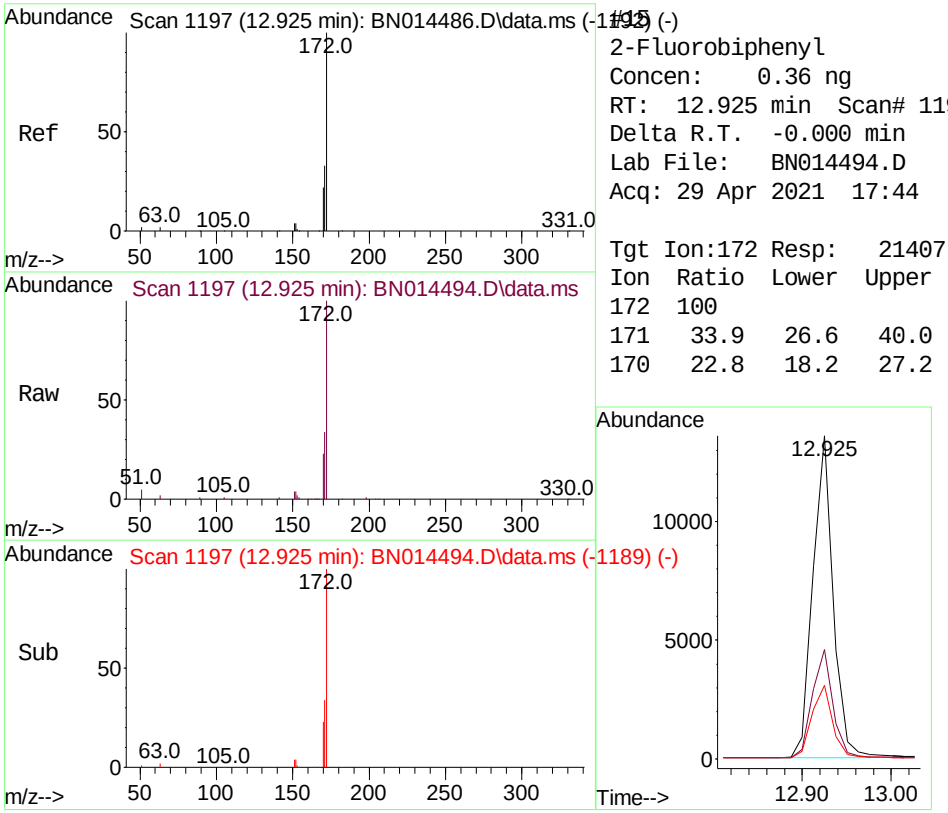
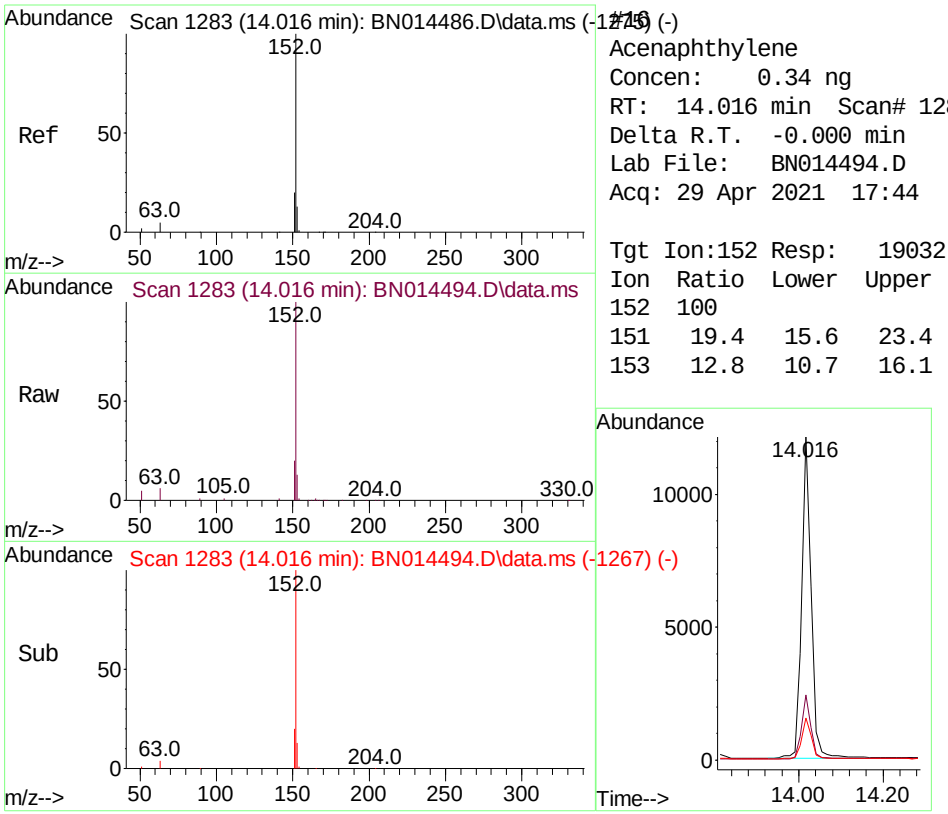


#12
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.925 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:172 Resp: 21407

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.6	40.0
170	22.8	18.2	27.2

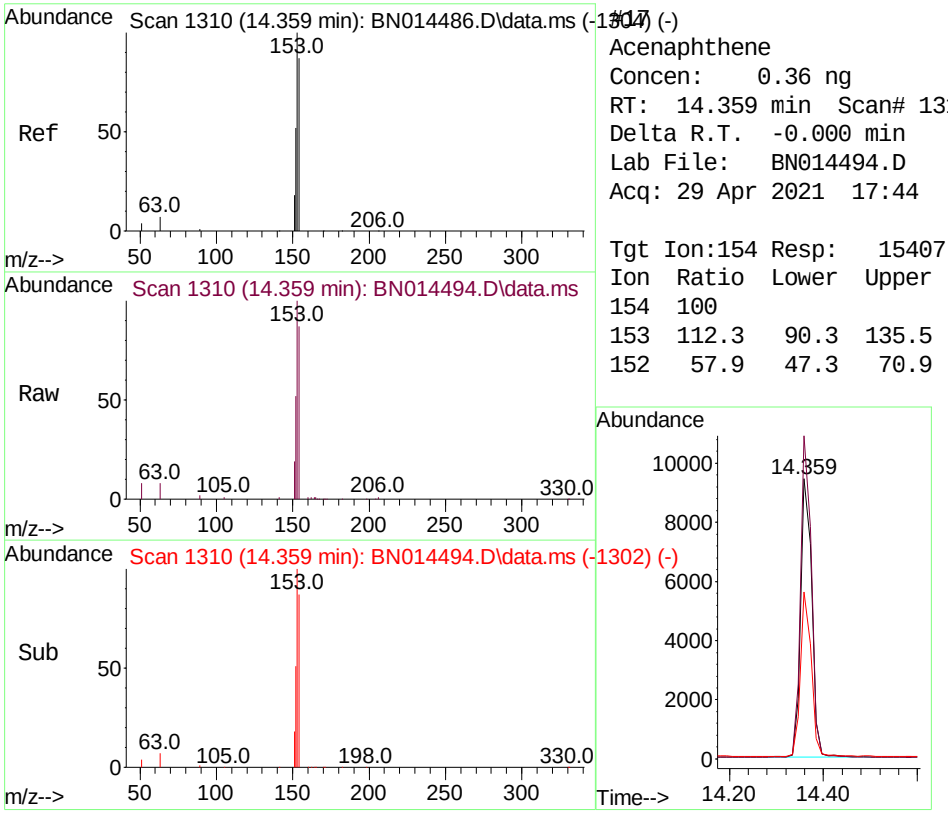


#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.016 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:152 Resp: 19032

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	12.8	10.7	16.1

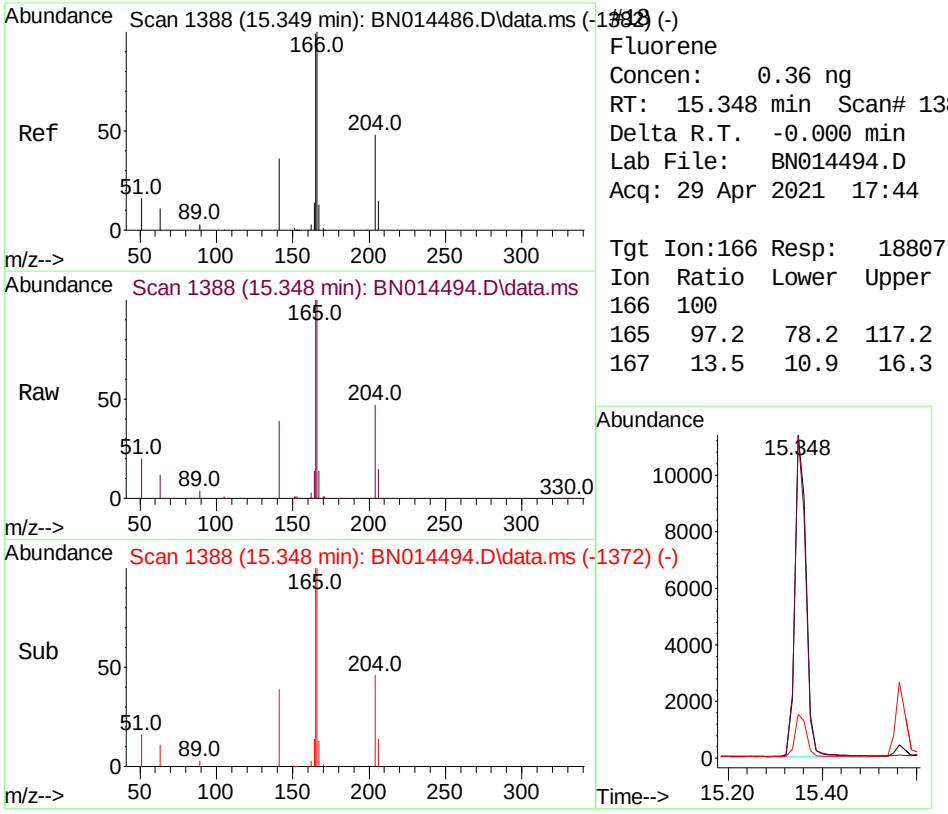
Instrument :
BNA_N
ClientSampleId :
PB136047BSD



#17
Acenaphthene
Concen: 0.36 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:154 Resp: 15407

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.3	135.5
152	57.9	47.3	70.9

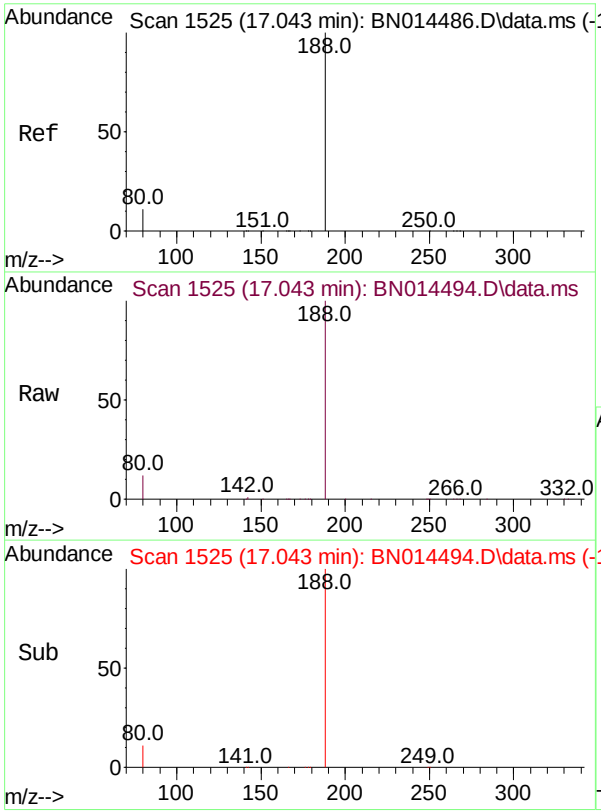


#18
Fluorene
Concen: 0.36 ng
RT: 15.348 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:166 Resp: 18807

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	13.5	10.9	16.3

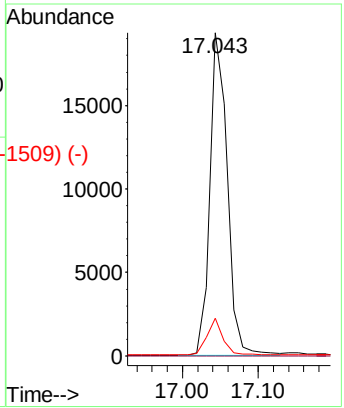
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

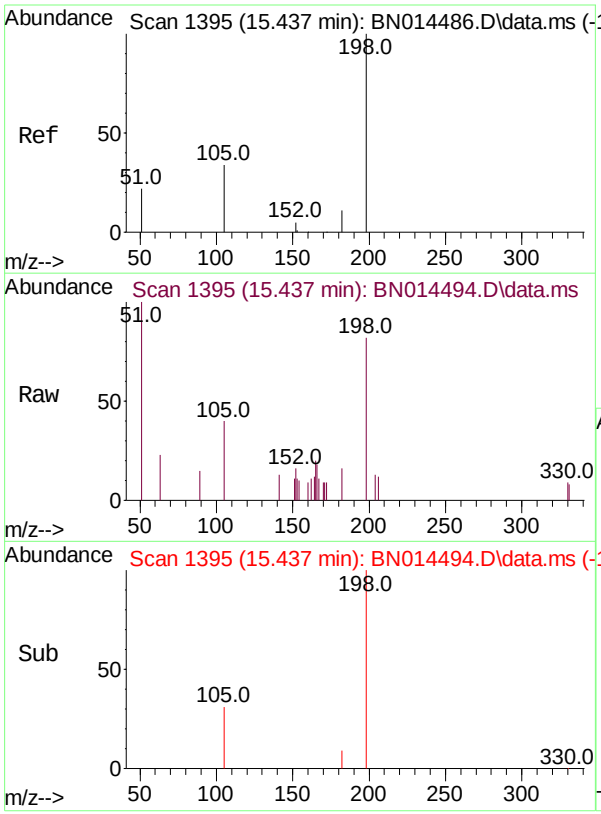


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.043 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:188 Resp: 30942

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	8.8	13.2

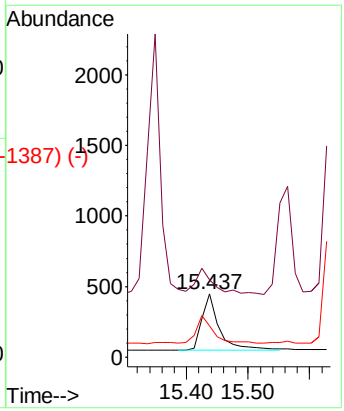




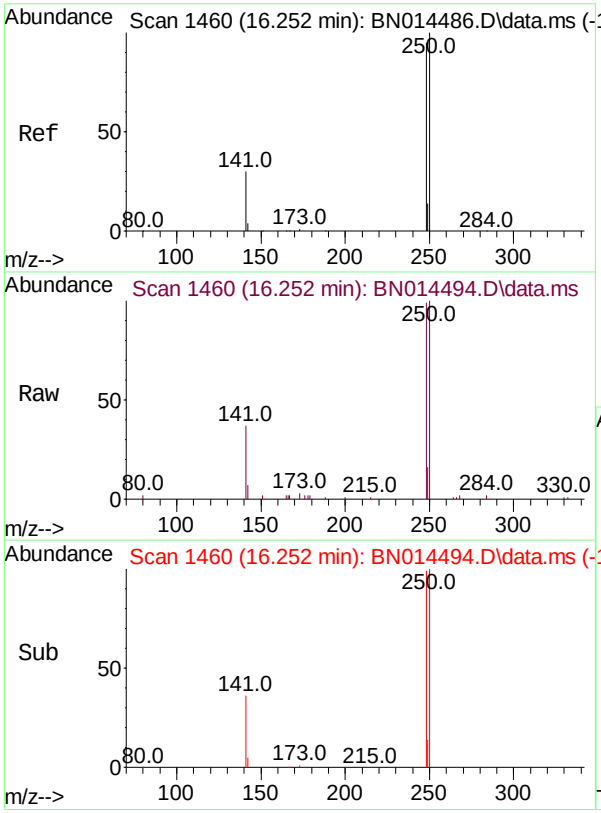
#20
4,6-Dinitro-2-methylphenol
Concen: 0.44 ng
RT: 15.437 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:198 Resp: 793

Ion	Ratio	Lower	Upper
198	100		
51	121.8	116.0	174.0
105	49.0	45.3	67.9



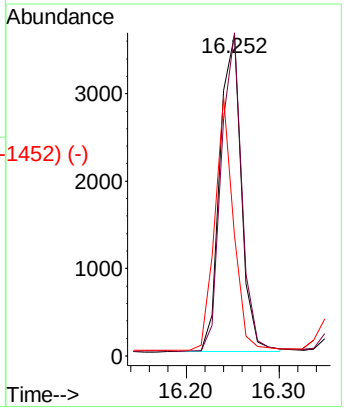
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

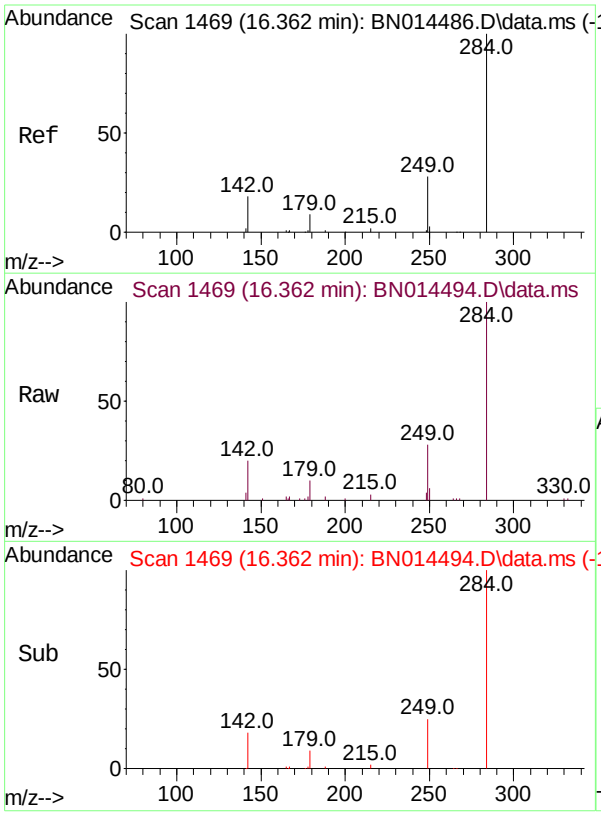


#24
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.252 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:248 Resp: 5859

Ion	Ratio	Lower	Upper
248	100		
250	100.9	84.6	126.8
141	37.5	26.7	40.1

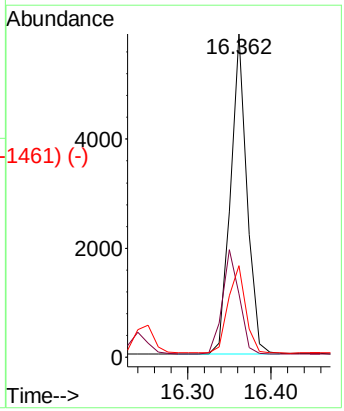




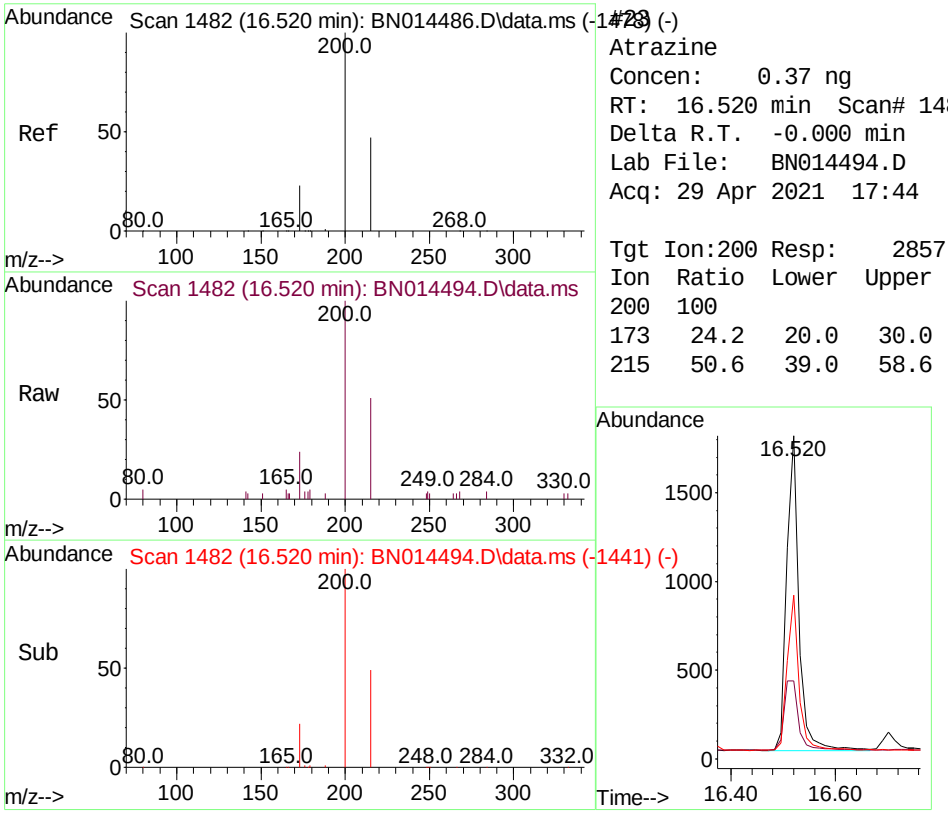
#22
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.362 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:284 Resp: 8107

Ion	Ratio	Lower	Upper
284	100		
142	33.6	27.0	40.6
249	29.2	23.6	35.4



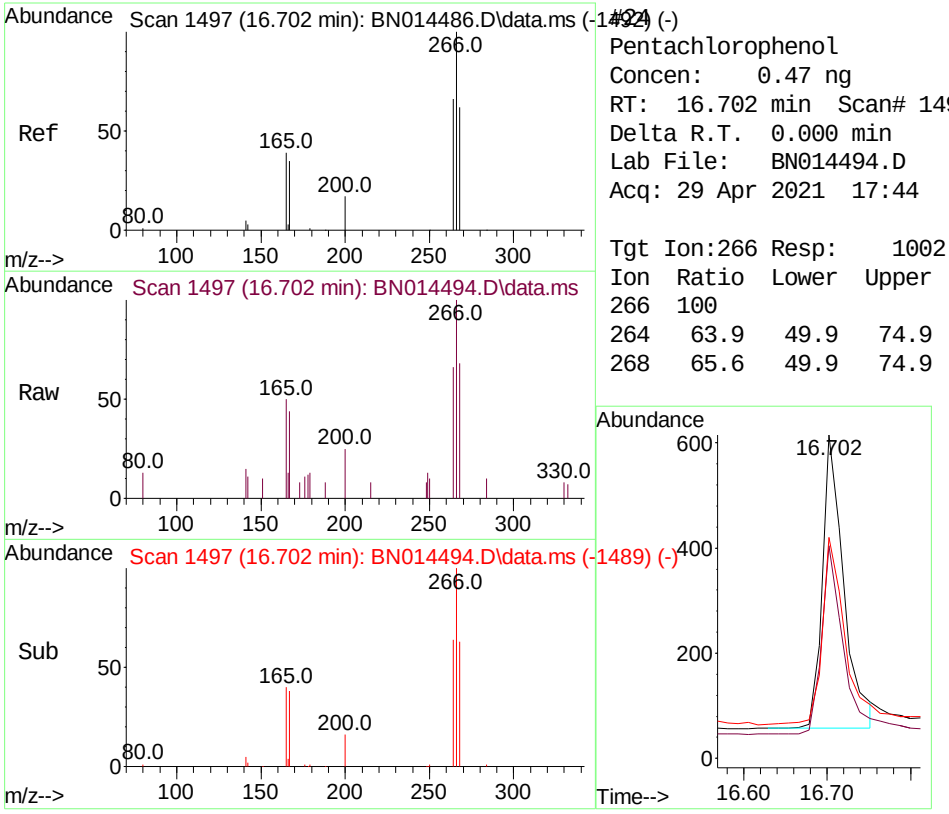
Instrument :
BNA_N
ClientSampleId :
PB136047BSD



#23
Atrazine
Concen: 0.37 ng
RT: 16.520 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:200 Resp: 2857

Ion	Ratio	Lower	Upper
200	100		
173	24.2	20.0	30.0
215	50.6	39.0	58.6

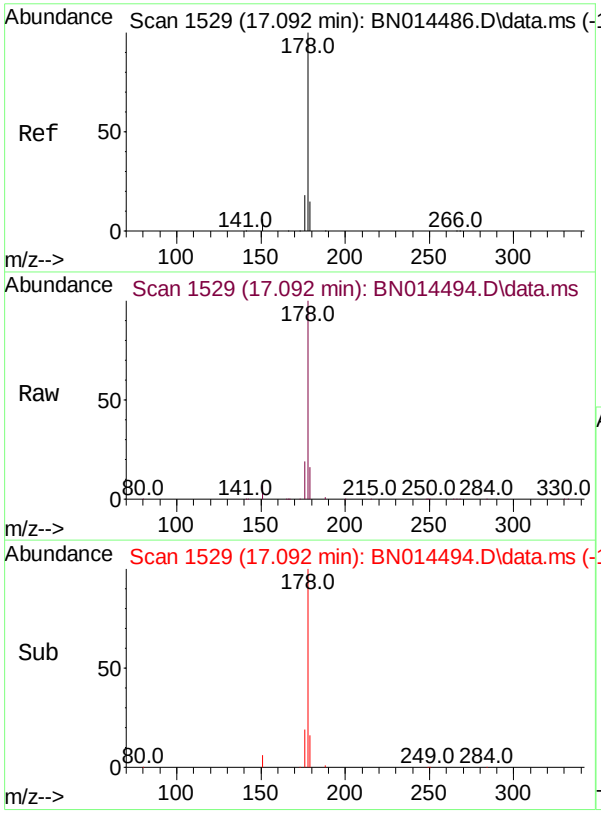


#24
Pentachlorophenol
Concen: 0.47 ng
RT: 16.702 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:266 Resp: 1002

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.9	74.9
268	65.6	49.9	74.9

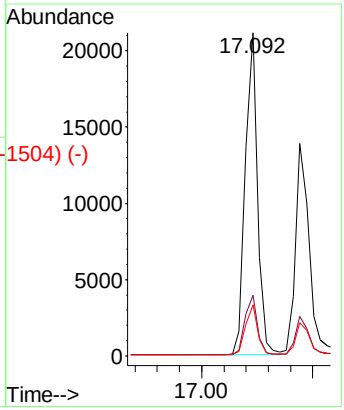
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

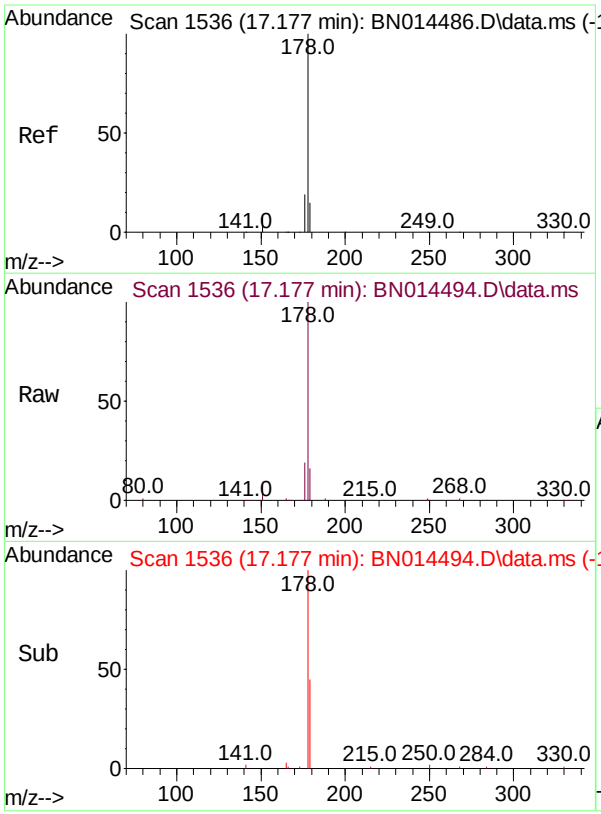


#25
Phenanthrene
Concen: 0.36 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:178 Resp: 32235

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.2	18.4

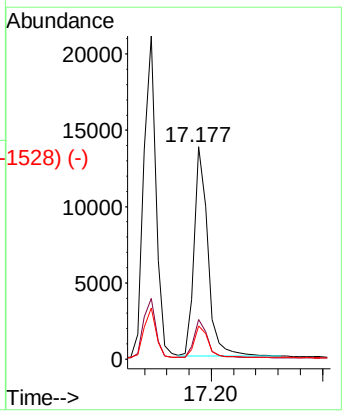




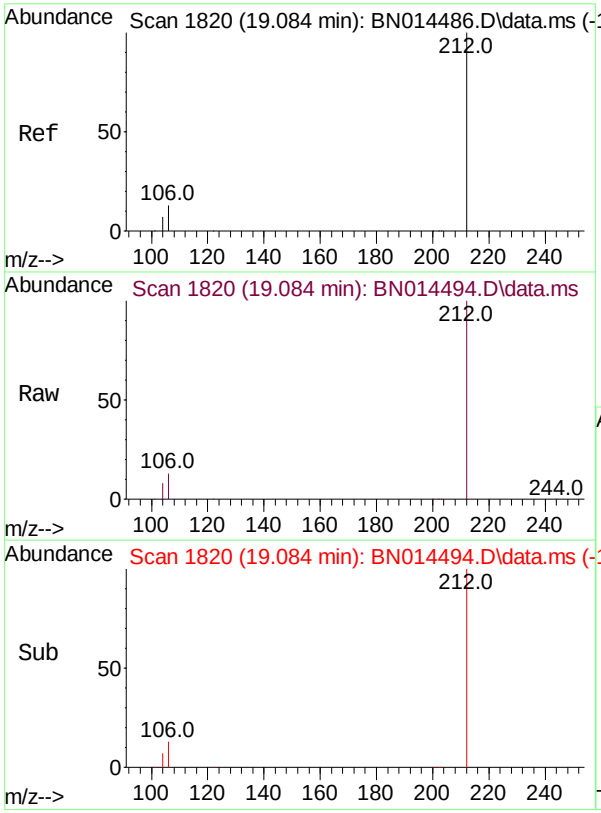
#26
Anthracene
Concen: 0.34 ng
RT: 17.177 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:178 Resp: 23340

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.3	12.2	18.2



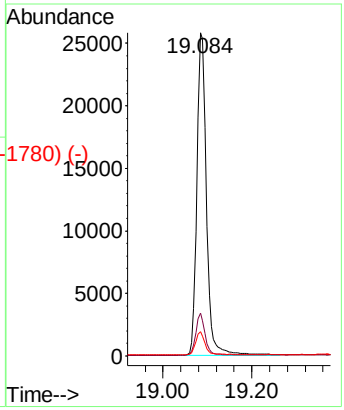
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

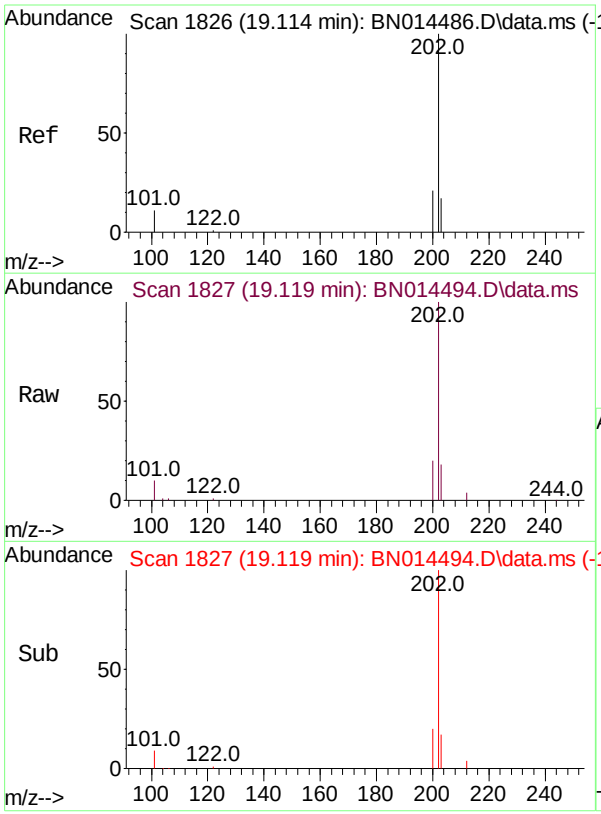


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:212 Resp: 38112

Ion	Ratio	Lower	Upper
212	100		
106	12.5	10.2	15.4
104	6.9	5.6	8.4

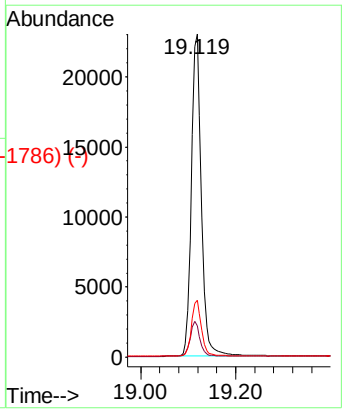




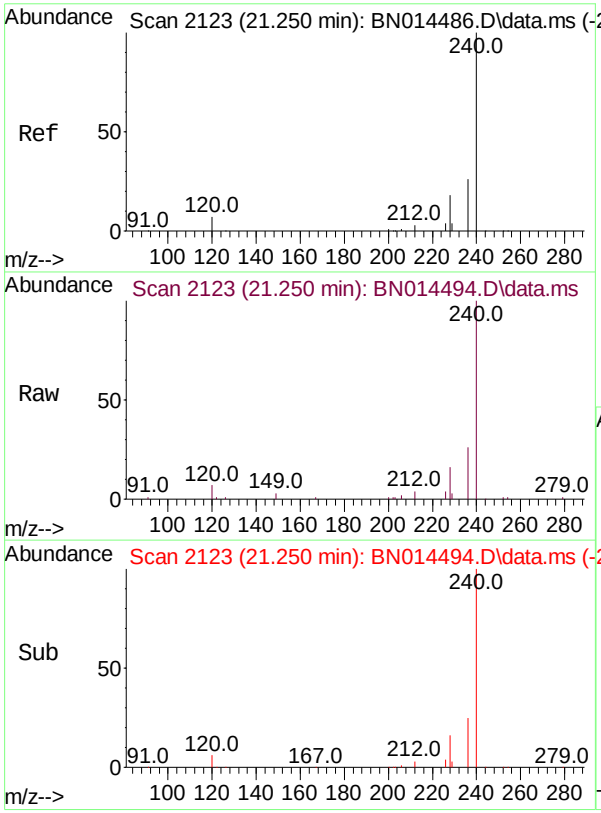
#28
Fluoranthene
Concen: 0.35 ng
RT: 19.119 min Scan# 1827
Delta R.T. 0.005 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:202 Resp: 33501

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.7	13.1
203	17.2	13.6	20.4



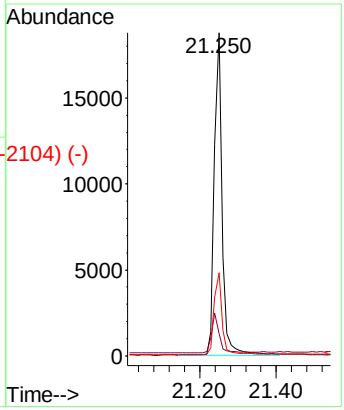
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

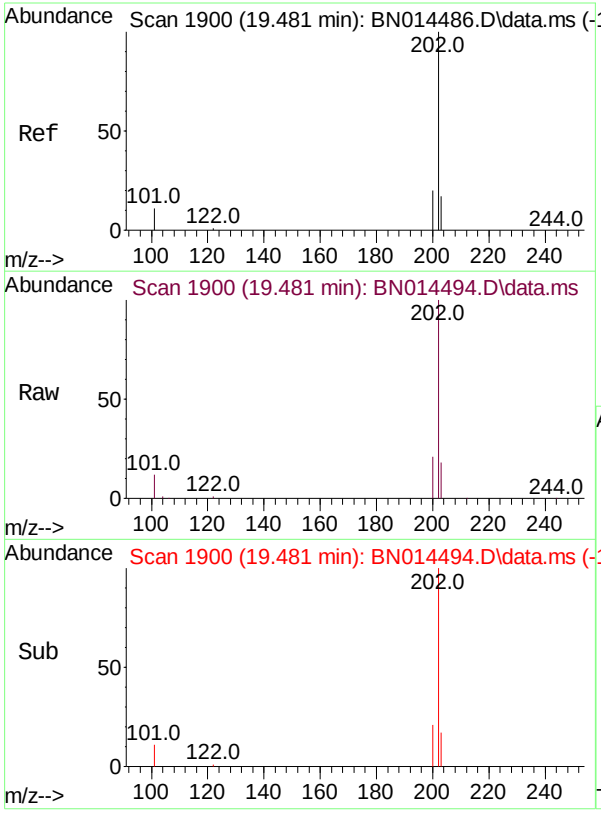


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:240 Resp: 26606

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.3	9.5
236	25.6	20.9	31.3

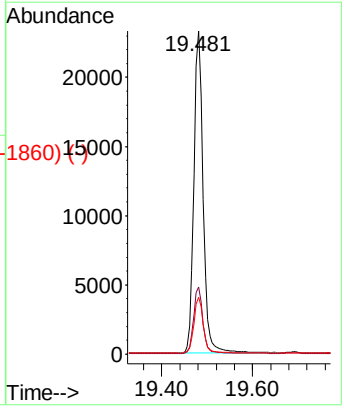




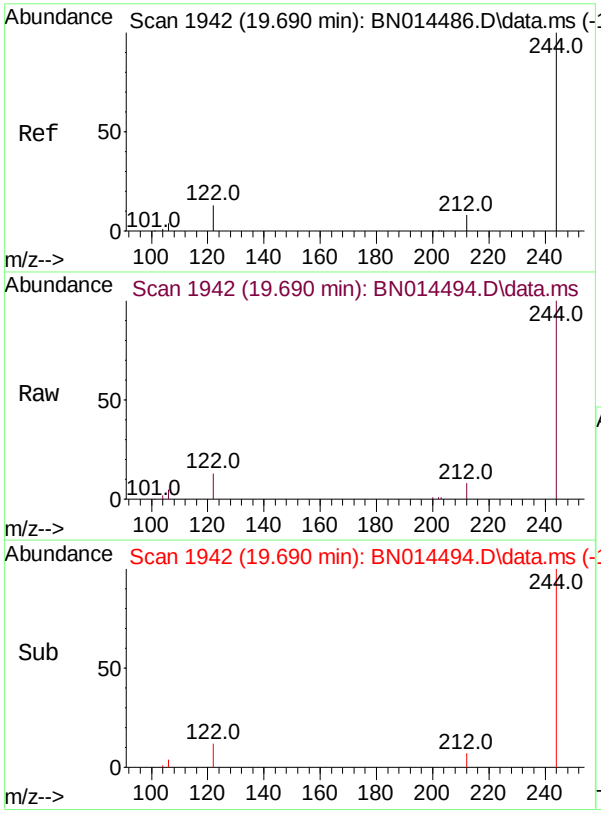
#30
Pyrene
Concen: 0.37 ng
RT: 19.481 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:202 Resp: 32485

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.5	13.9	20.9



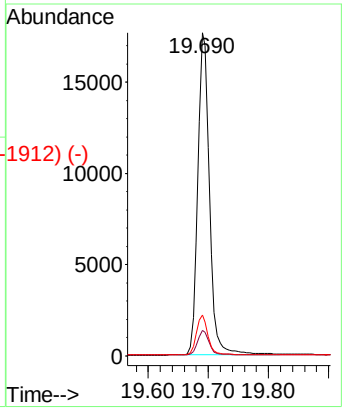
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

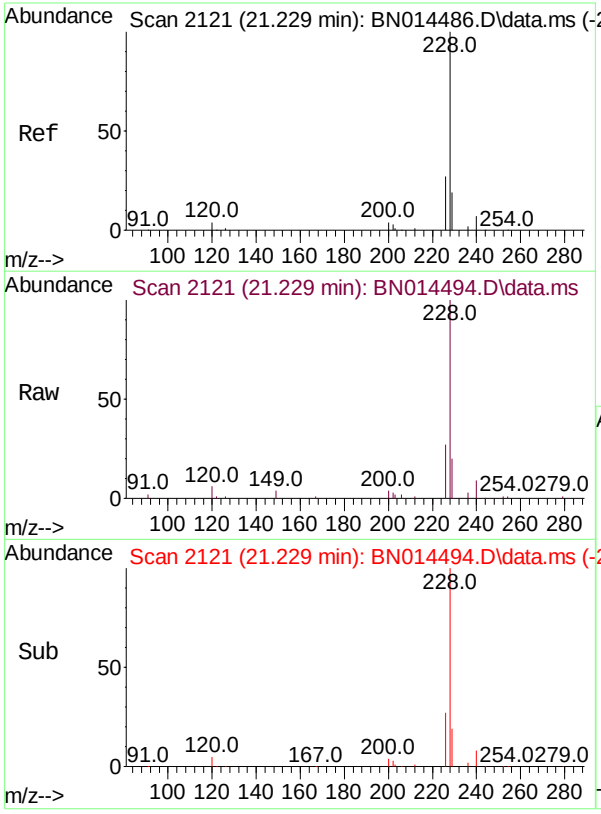


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.690 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:244 Resp: 23876

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	12.7	10.6	16.0

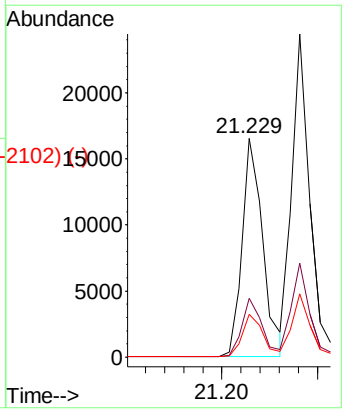




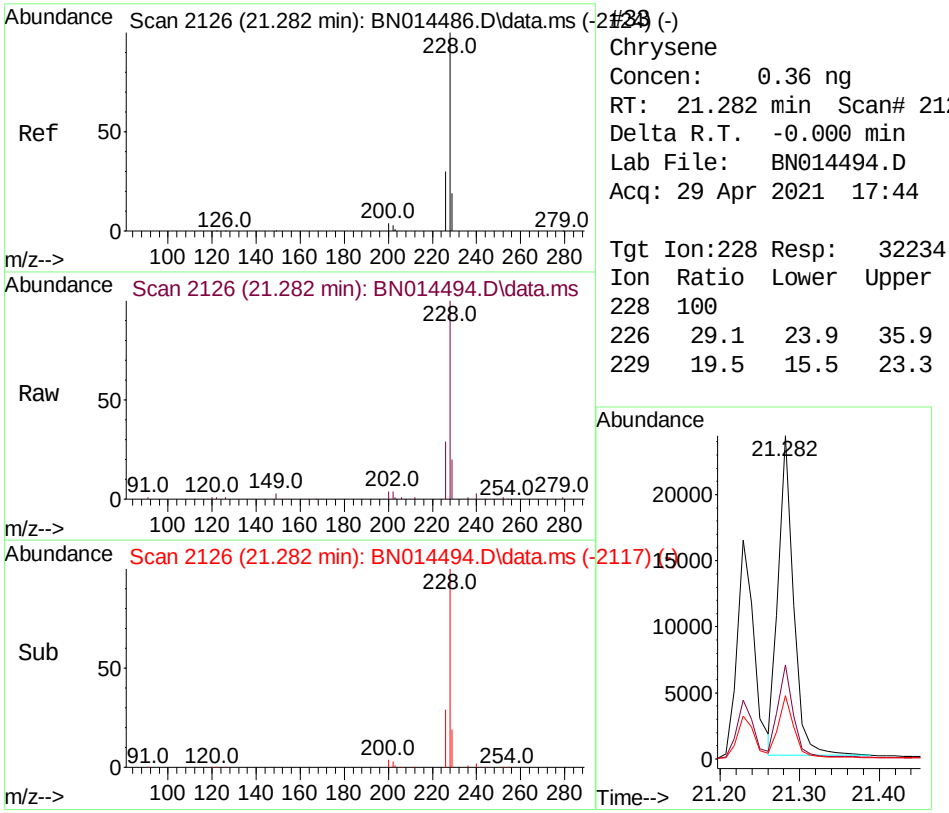
#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:228 Resp: 24576

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.5	15.8	23.6



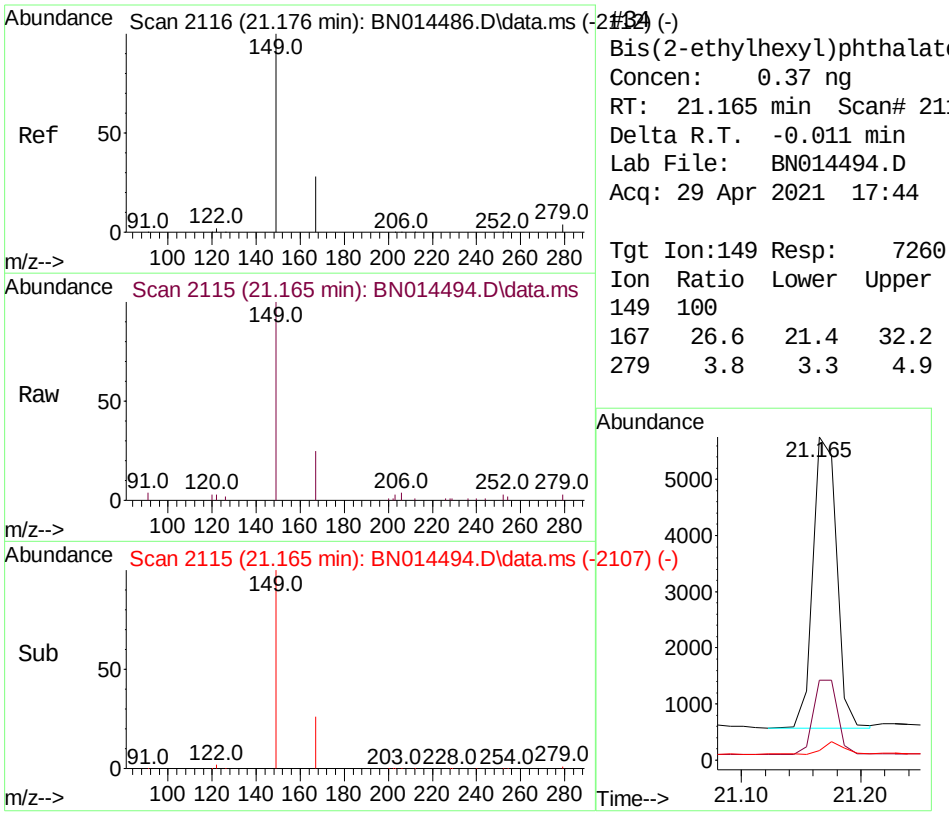
Instrument :
BNA_N
ClientSampleId :
PB136047BSD



#28
Chrysene
Concen: 0.36 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:228 Resp: 32234

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	19.5	15.5	23.3

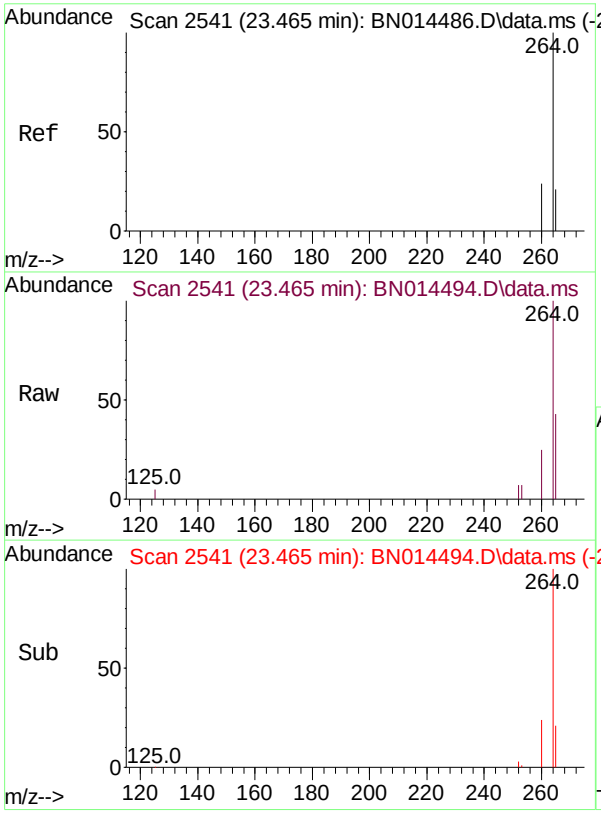


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:149 Resp: 7260

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.2
279	3.8	3.3	4.9

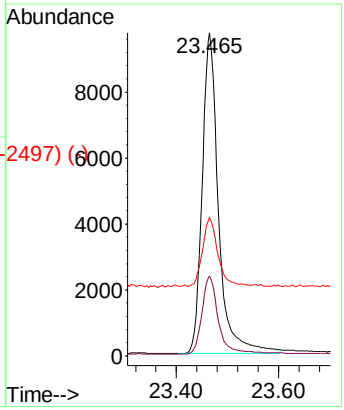
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

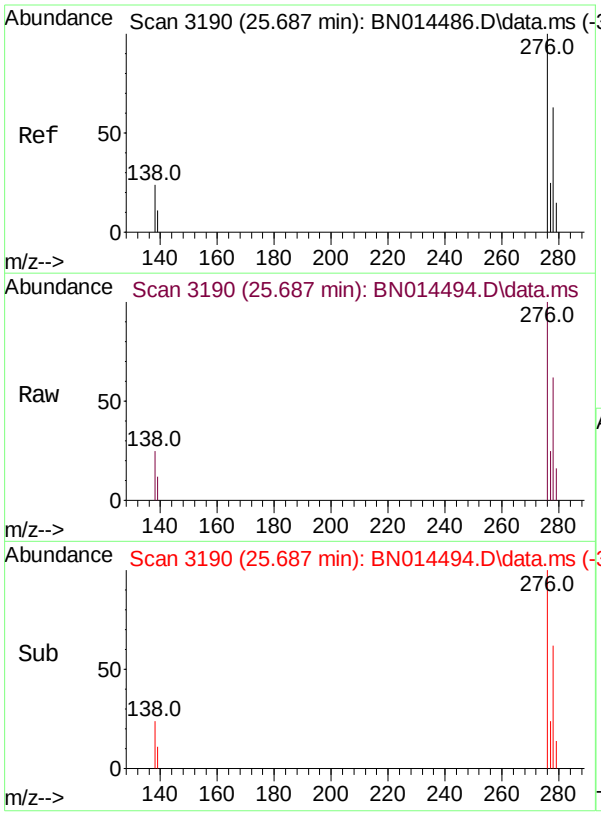


#25
Perylene-d12
Concen: 0.40 ng
RT: 23.465 min Scan# 2541
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:264 Resp: 21591

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	42.9	35.5	53.3

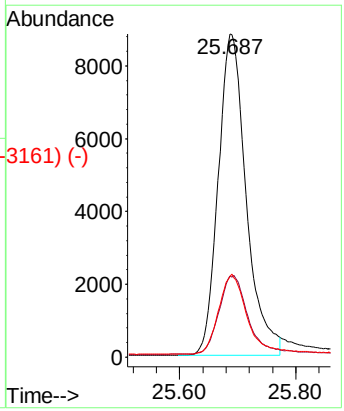




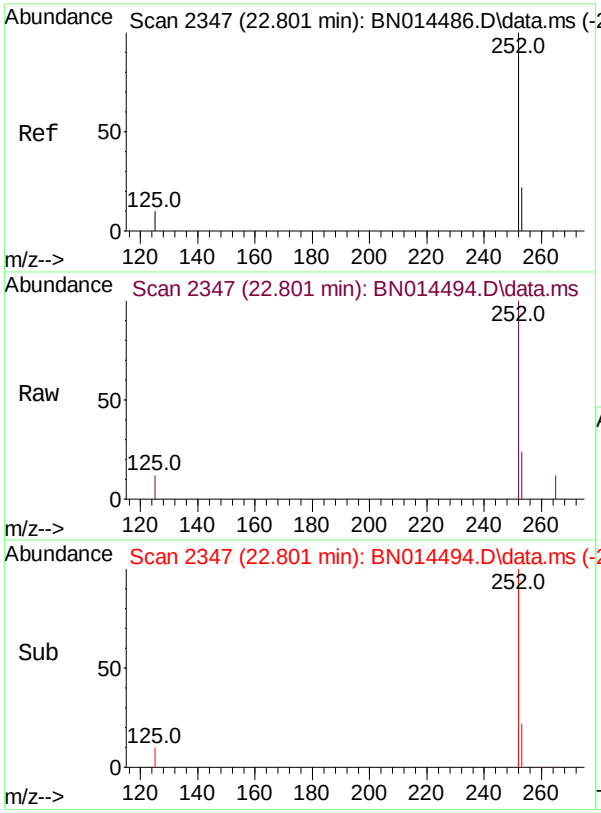
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng
RT: 25.687 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:276 Resp: 29458

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.1	30.1
277	24.9	19.8	29.8



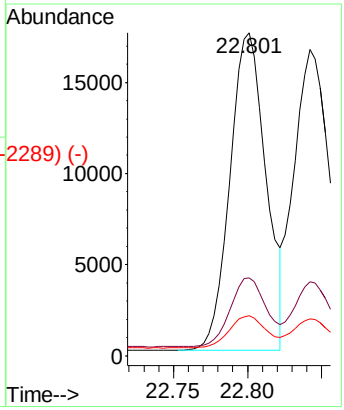
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

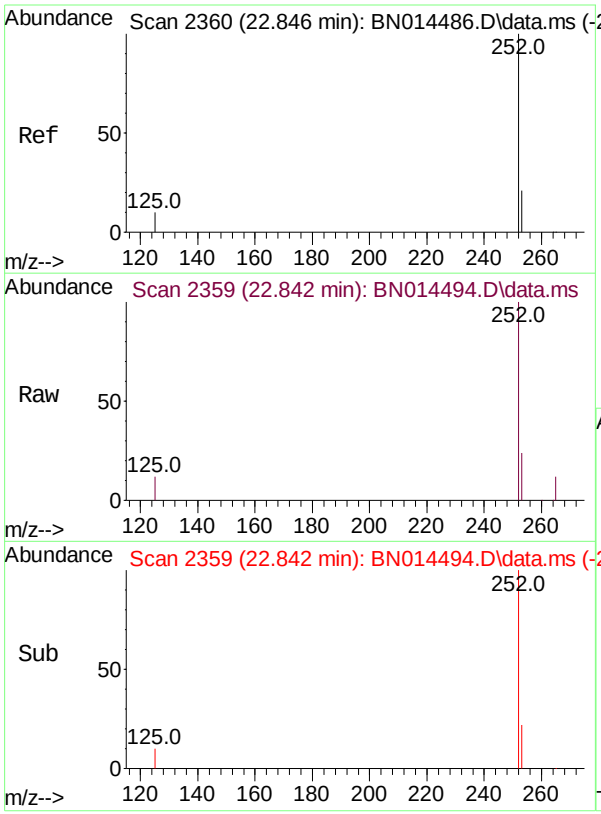


#37
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.801 min Scan# 2347
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:252 Resp: 29403

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.7	29.5
125	12.5	10.0	15.0

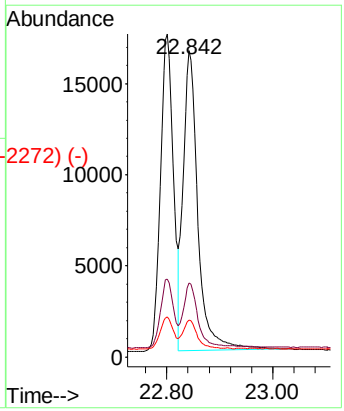




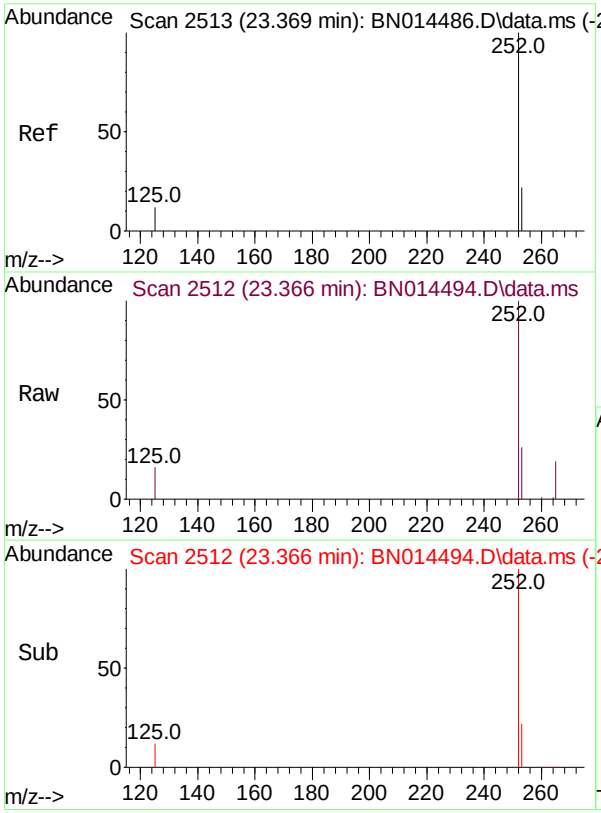
#38
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 22.842 min Scan# 2359
Delta R.T. -0.004 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:252 Resp: 31431

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.2
125	12.1	10.0	15.0



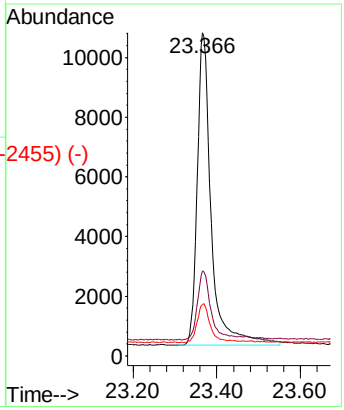
Instrument :
BNA_N
ClientSampleId :
PB136047BSD

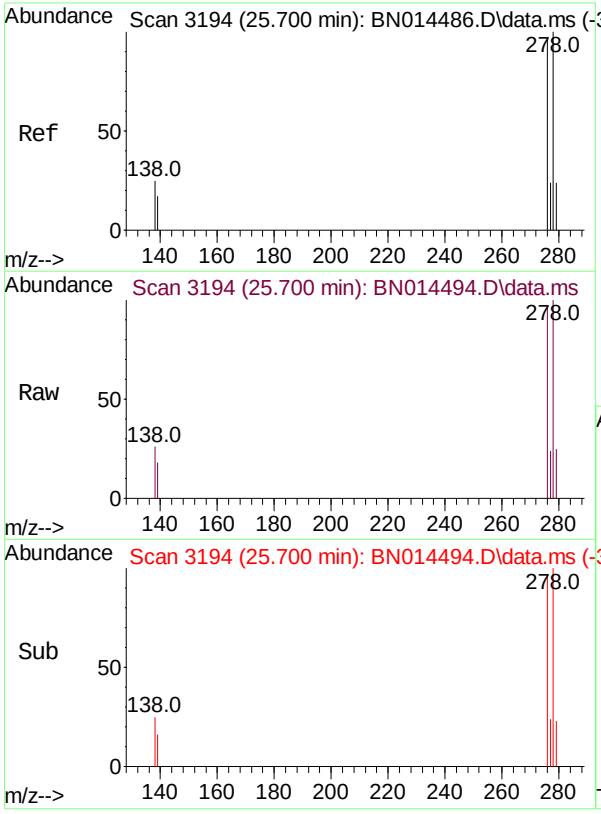


#39
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.366 min Scan# 2512
Delta R.T. -0.003 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:252 Resp: 24375

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.8	31.2
125	15.9	12.6	19.0

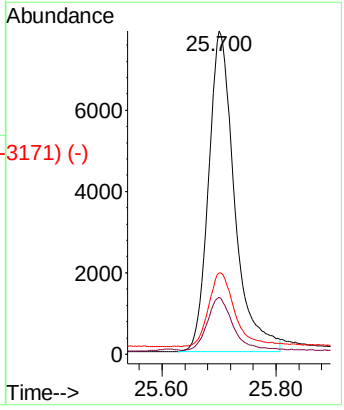


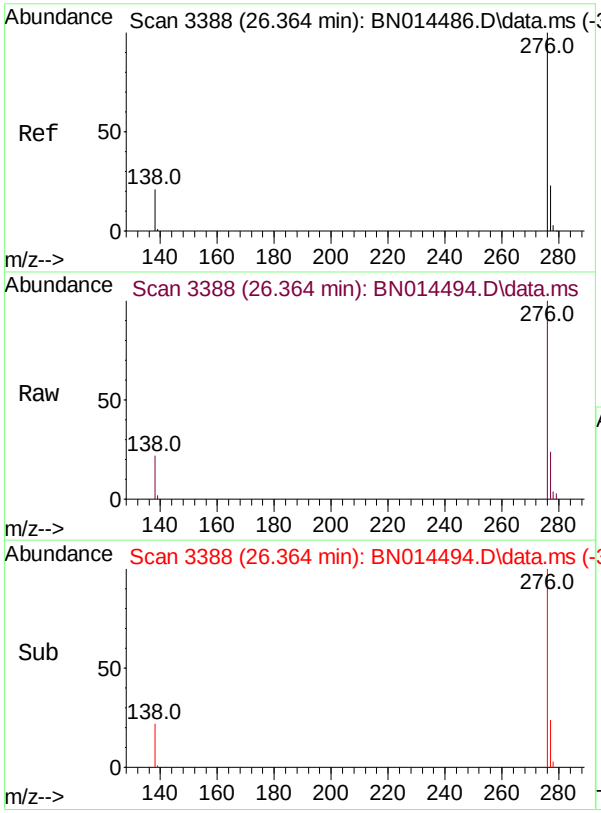


#40
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 25.700 min Scan# 3194
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:278 Resp: 24889

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.4
279	25.1	21.0	31.4

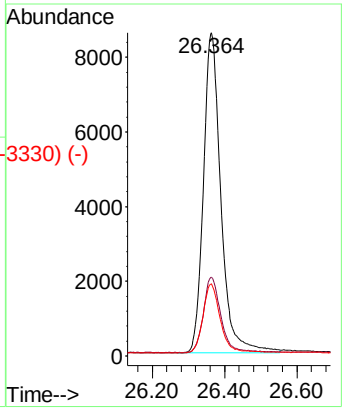




#44
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 26.364 min Scan# 3388
Delta R.T. -0.000 min
Lab File: BN014494.D
Acq: 29 Apr 2021 17:44

Tgt Ion:276 Resp: 29024

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.2
138	22.3	17.5	26.3



Instrument :
BNA_N
ClientSampleId :
PB136047BSD