Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016031.D
Acq On : 24 Aug 2021 14:38
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN082521

Quant Time: Aug 24 15:09:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 14:26:02 2021
Response via : Initial Calibration

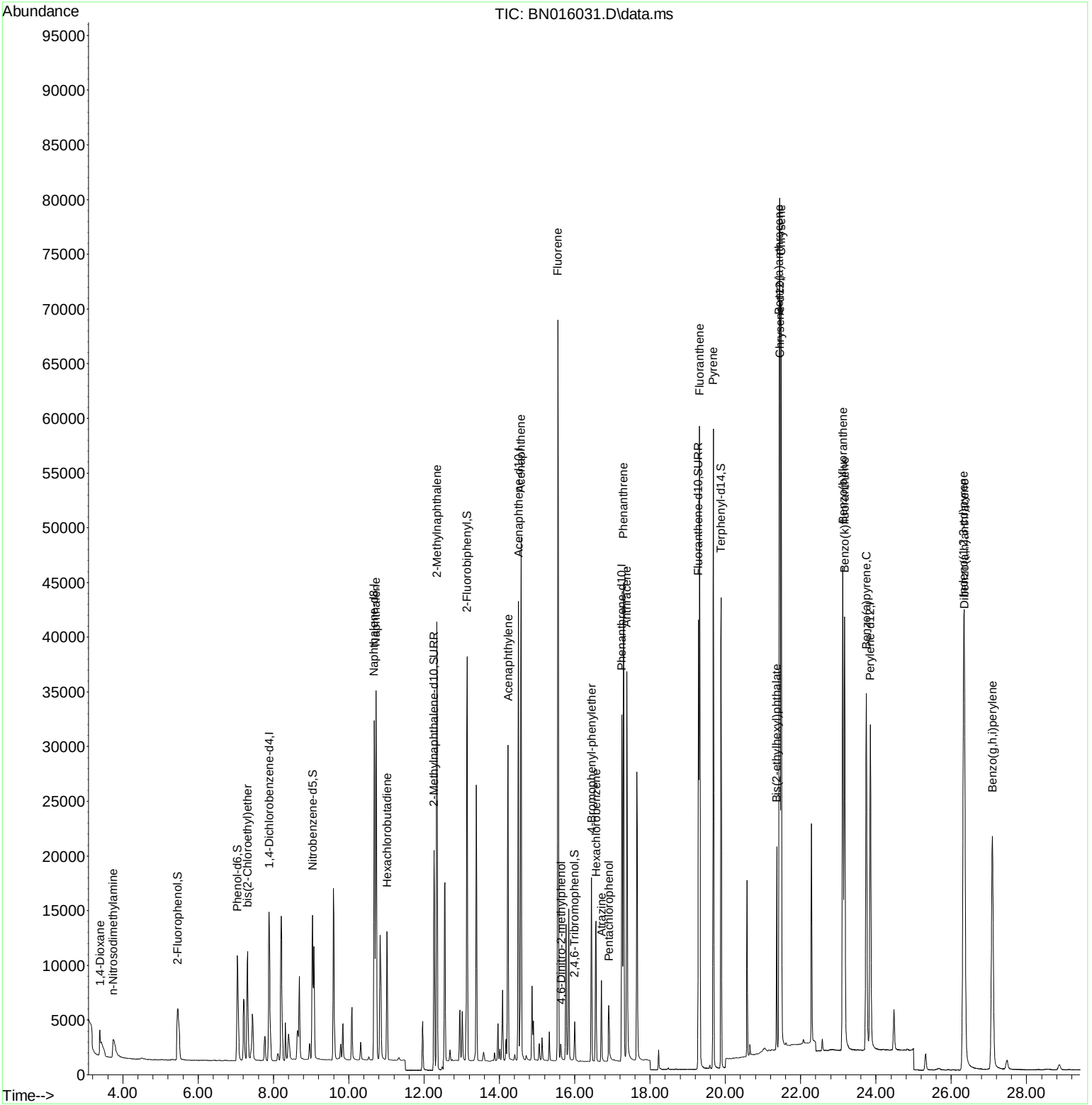
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	8586	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	46024	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	24966	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	46291	0.400	ng	0.00
29) Chrysene-d12	21.450	240	48420	0.400	ng	# 0.01
35) Perylene-d12	23.850	264	44642	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	8747	0.426	ng	0.00
5) Phenol-d6	7.043	99	12173	0.425	ng	0.00
8) Nitrobenzene-d5	9.038	82	12499	0.413	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	27983	0.403	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	2864	0.404	ng	0.00
15) 2-Fluorobiphenyl	13.139	172	36147	0.360	ng	0.00
27) Fluoranthene-d10	19.286	212	50926	0.390	ng	0.00
31) Terphenyl-d14	19.887	244	45605	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.391	88	1972	0.418	ng	99
3) n-Nitrosodimethylamine	3.742	42	3144	0.425	ng	# 93
6) bis(2-Chloroethyl)ether	7.310	93	9803	0.409	ng	99
9) Naphthalene	10.723	128	46550	0.385	ng	100
10) Hexachlorobutadiene	11.015	225	10675	0.397	ng	# 100
12) 2-Methylnaphthalene	12.340	142	30640	0.397	ng	100
16) Acenaphthylene	14.230	152	35152	0.383	ng	99
17) Acenaphthene	14.573	154	26294	0.374	ng	99
18) Fluorene	15.550	166	31424	0.374	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	1188	0.452	ng	92
21) 4-Bromophenyl-phenylether	16.445	248	8205	0.353	ng	96
22) Hexachlorobenzene	16.567	284	12142	0.372	ng	99
23) Atrazine	16.713	200	6135	0.438	ng	98
24) Pentachlorophenol	16.908	266	3141	0.367	ng	98
25) Phenanthrene	17.297	178	49105	0.373	ng	100
26) Anthracene	17.382	178	40903	0.379	ng	100
28) Fluoranthene	19.321	202	55750	0.382	ng	100
30) Pyrene	19.683	202	56384	0.392	ng	100
32) Benzo(a)anthracene	21.429	228	56477	0.384	ng	99
33) Chrysene	21.482	228	57828	0.372	ng	98
34) Bis(2-ethylhexyl)phtha...	21.365	149	16704	0.426	ng	100
36) Indeno(1,2,3-cd)pyrene	26.329	276	62019	0.367	ng	100
37) Benzo(b)fluoranthene	23.118	252	59615	0.373	ng	100
38) Benzo(k)fluoranthene	23.166	252	56004	0.376	ng	99
39) Benzo(a)pyrene	23.744	252	52415	0.380	ng	100
40) Dibenzo(a,h)anthracene	26.349	278	51530	0.369	ng	99
41) Benzo(g,h,i)perylene	27.092	276	53025	0.367	ng	100

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

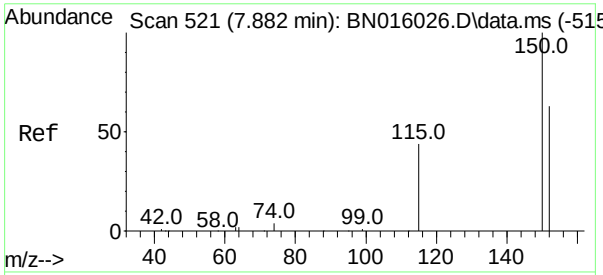
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016031.D
Acq On : 24 Aug 2021 14:38
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082521

Quant Time: Aug 24 15:09:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 14:26:02 2021
Response via : Initial Calibration



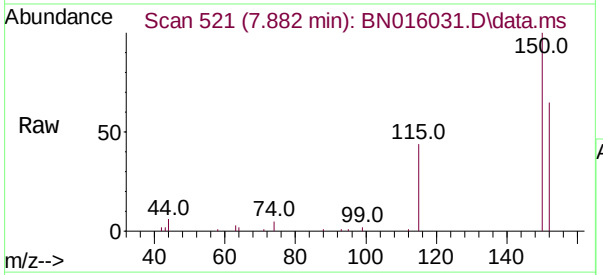
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

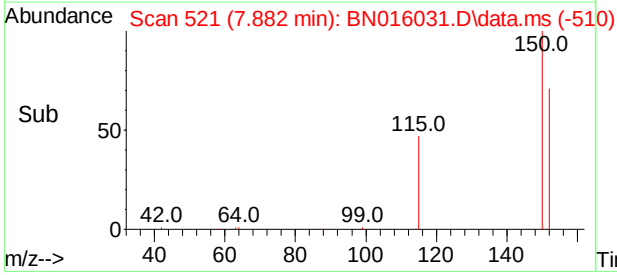


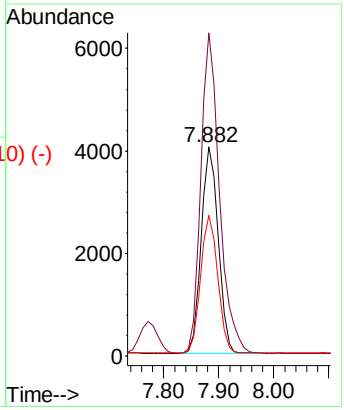
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.882 min Scan# 521
Delta R.T. -0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

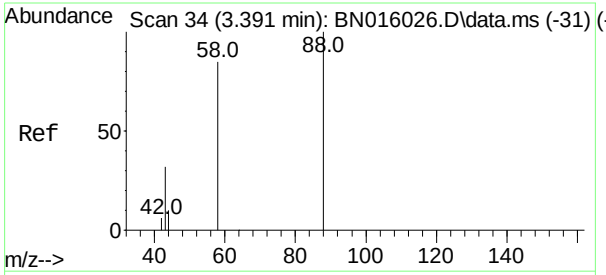
Tgt Ion:152 Resp: 8586

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.5	189.7
115	67.3	56.5	84.7





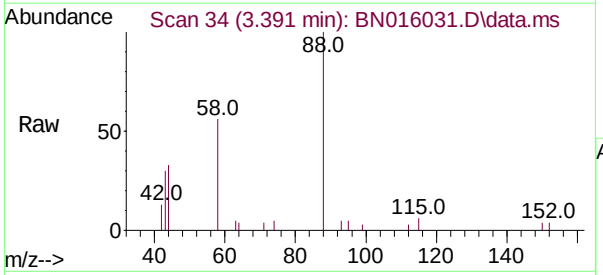


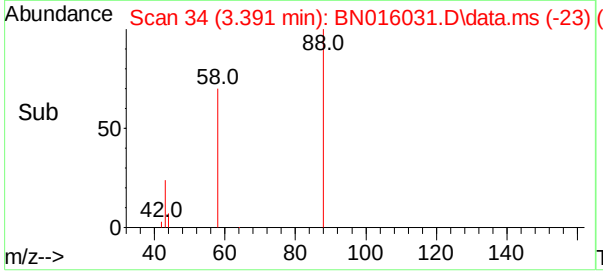


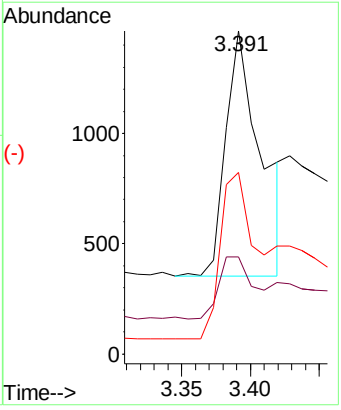
#2
1,4-Dioxane
Concen: 0.418 ng
RT: 3.391 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion: 88 Resp: 1972

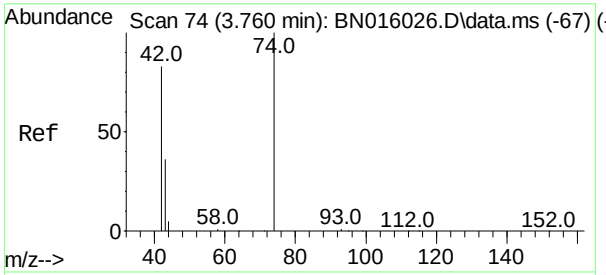
Ion	Ratio	Lower	Upper
88	100		
43	25.5	21.0	31.4
58	67.5	54.8	82.2







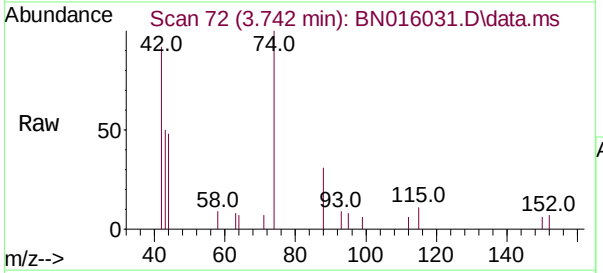
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

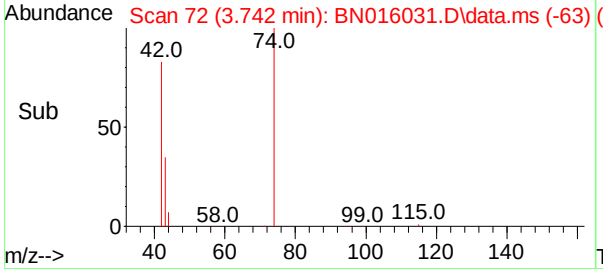


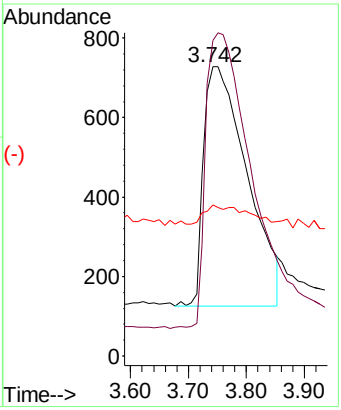
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.742 min Scan# 72
Delta R.T. -0.018 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

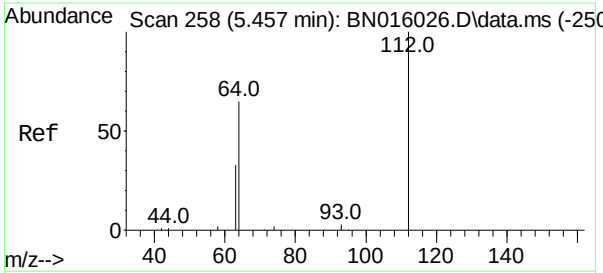
Tgt Ion: 42 Resp: 3144

Ion	Ratio	Lower	Upper
42	100		
74	123.8	93.8	140.8
44	3.5	7.7	11.5#





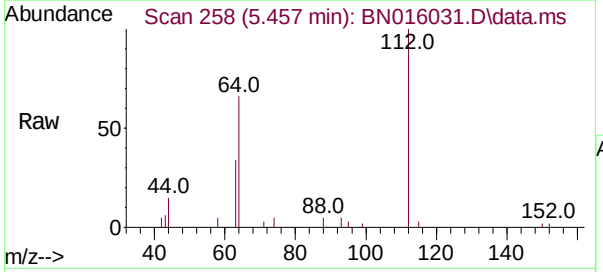


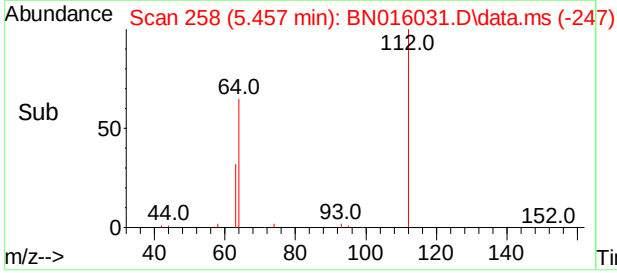


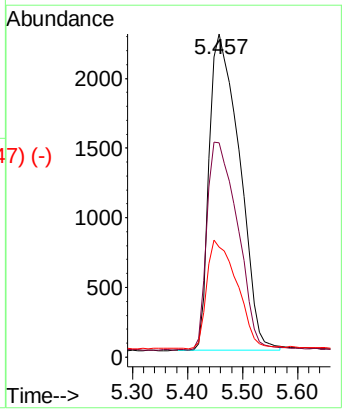
#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.457 min Scan# 258
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:112 Resp: 8747

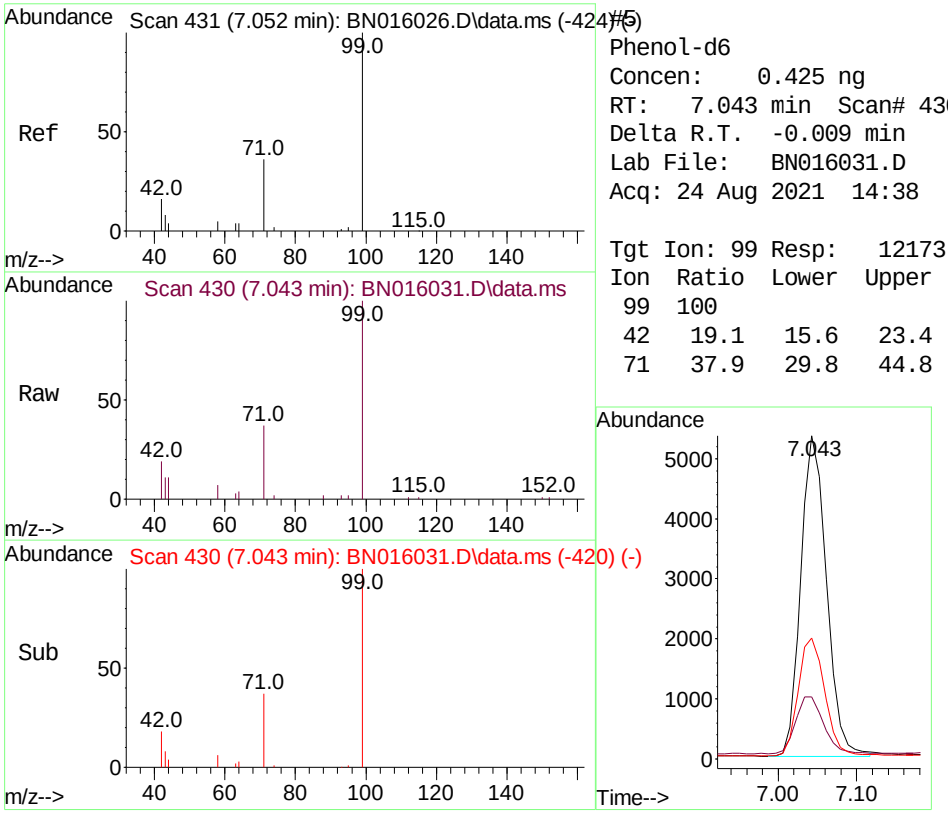
Ion	Ratio	Lower	Upper
112	100		
64	66.2	52.5	78.7
63	33.8	26.9	40.3







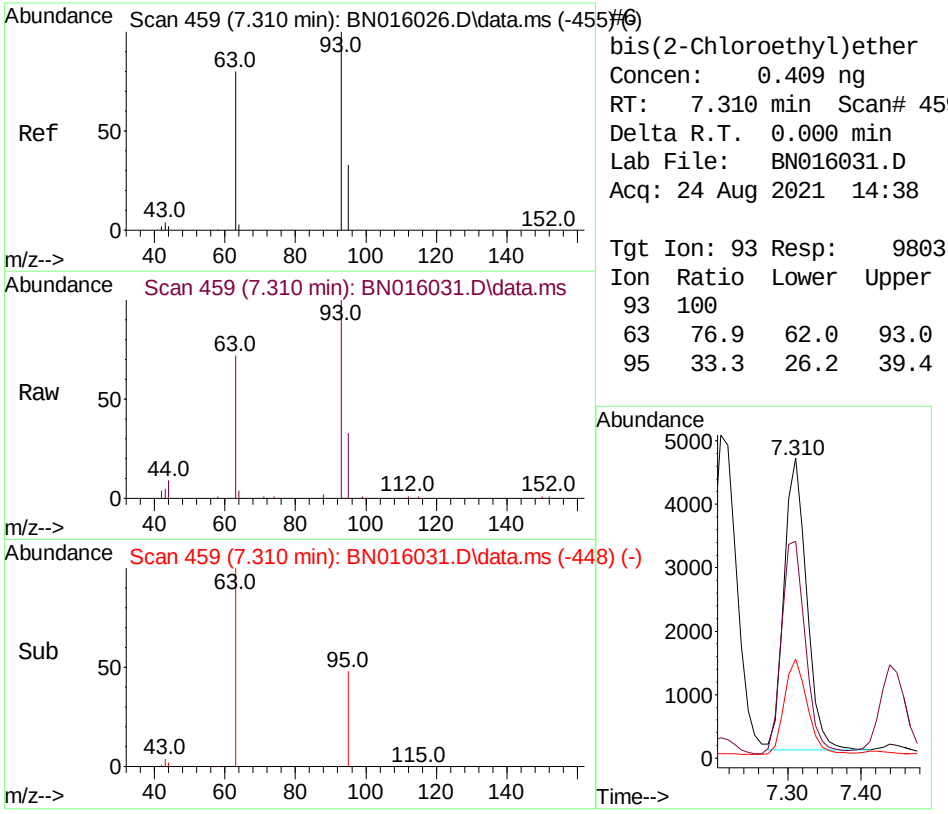
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#5
Phenol-d6
Concen: 0.425 ng
RT: 7.043 min Scan# 430
Delta R.T. -0.009 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion: 99 Resp: 12173

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.6	23.4
71	37.9	29.8	44.8

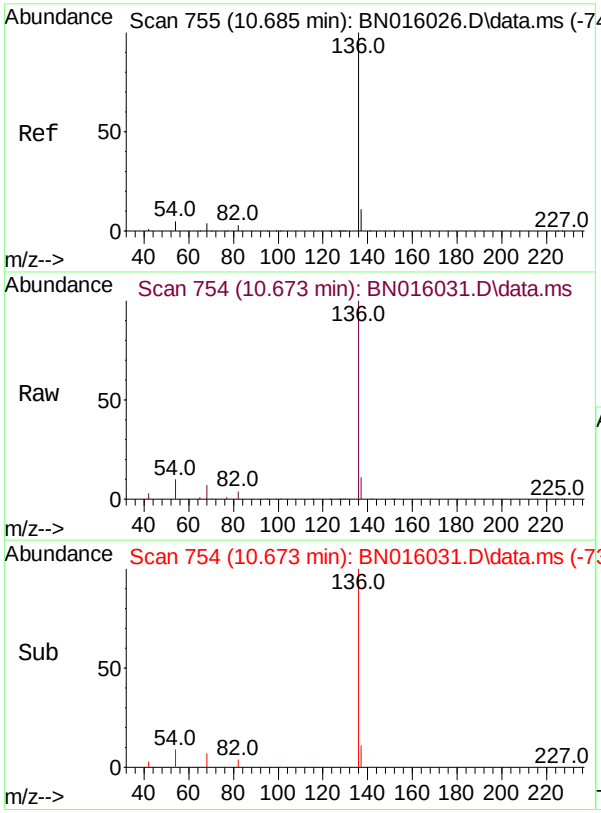


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.310 min Scan# 459
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion: 93 Resp: 9803

Ion	Ratio	Lower	Upper
93	100		
63	76.9	62.0	93.0
95	33.3	26.2	39.4

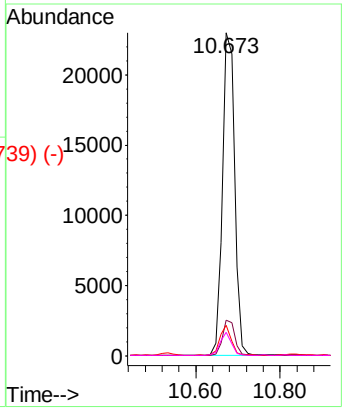
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

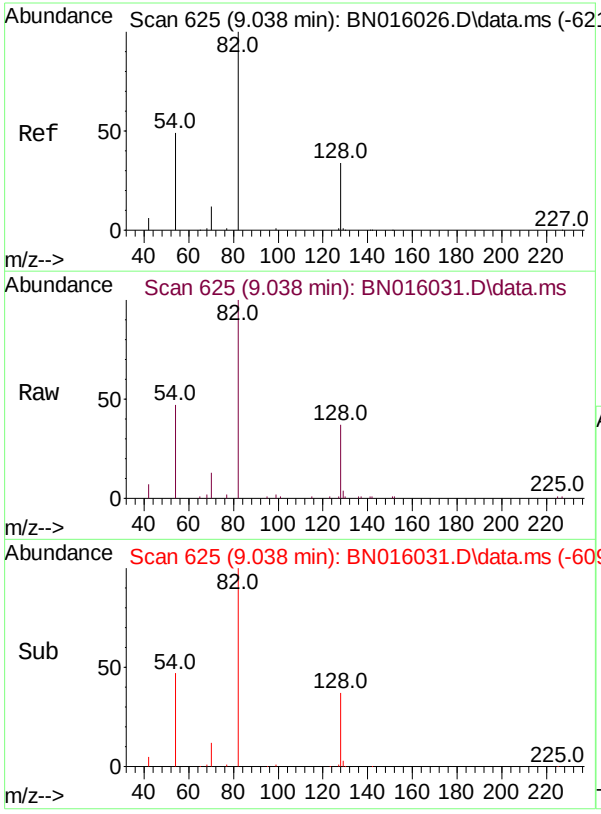


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.673 min Scan# 754
Delta R.T. -0.013 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:136 Resp: 46024

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	4.2	6.4#
68	7.3	3.4	5.2#

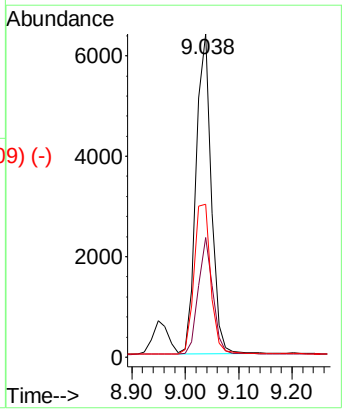




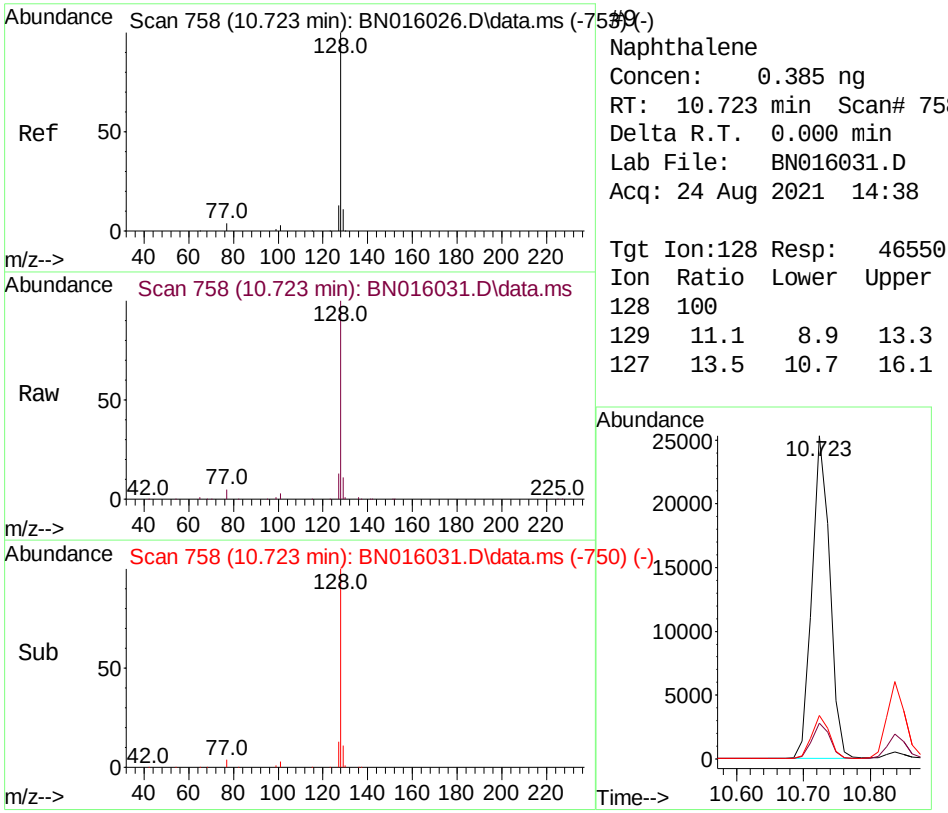
#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion: 82 Resp: 12499

Ion	Ratio	Lower	Upper
82	100		
128	37.0	27.7	41.5
54	47.2	39.4	59.2



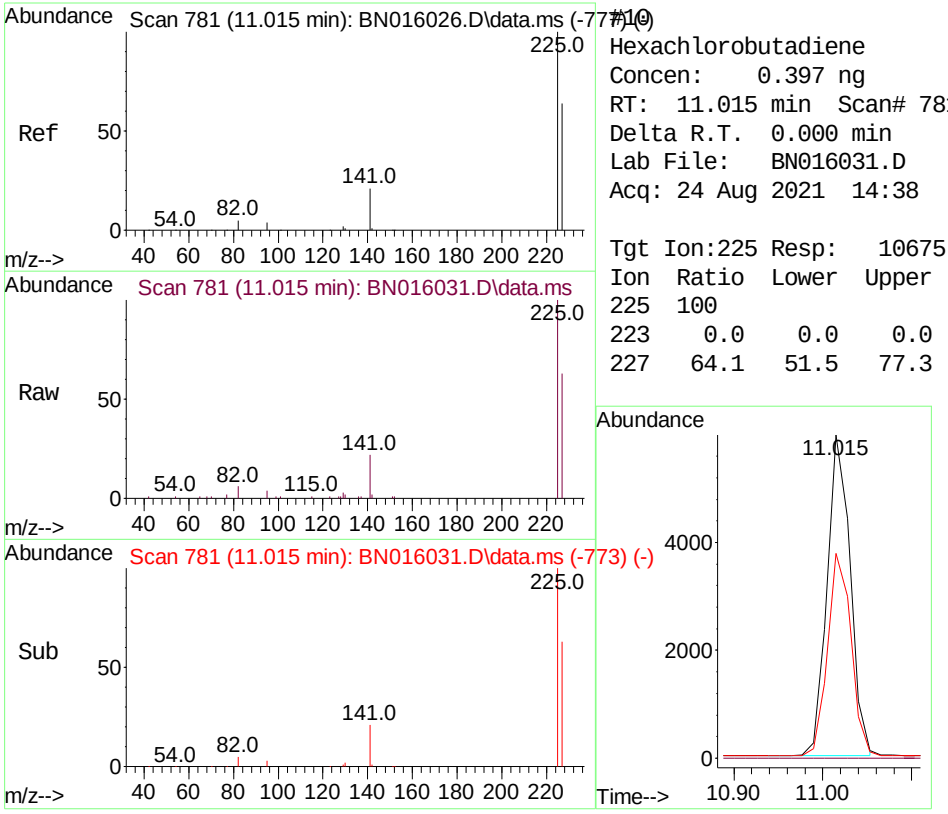
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#9
Naphthalene
Concen: 0.385 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:128 Resp: 46550

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.5	10.7	16.1

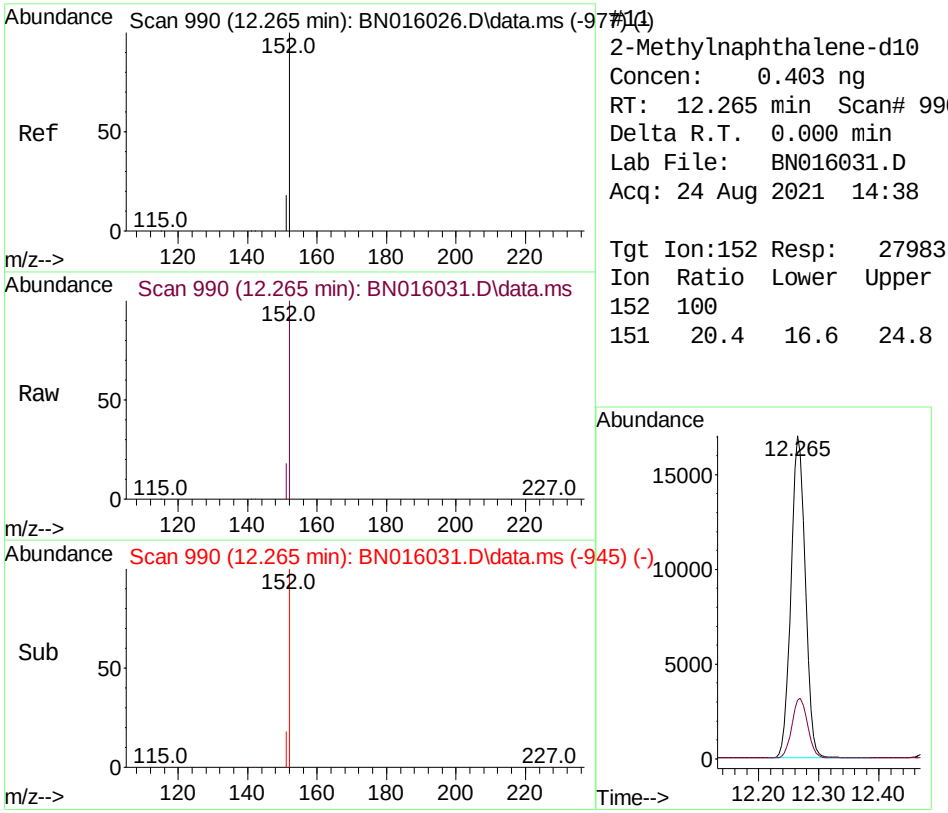


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 11.015 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:225 Resp: 10675

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.5	77.3

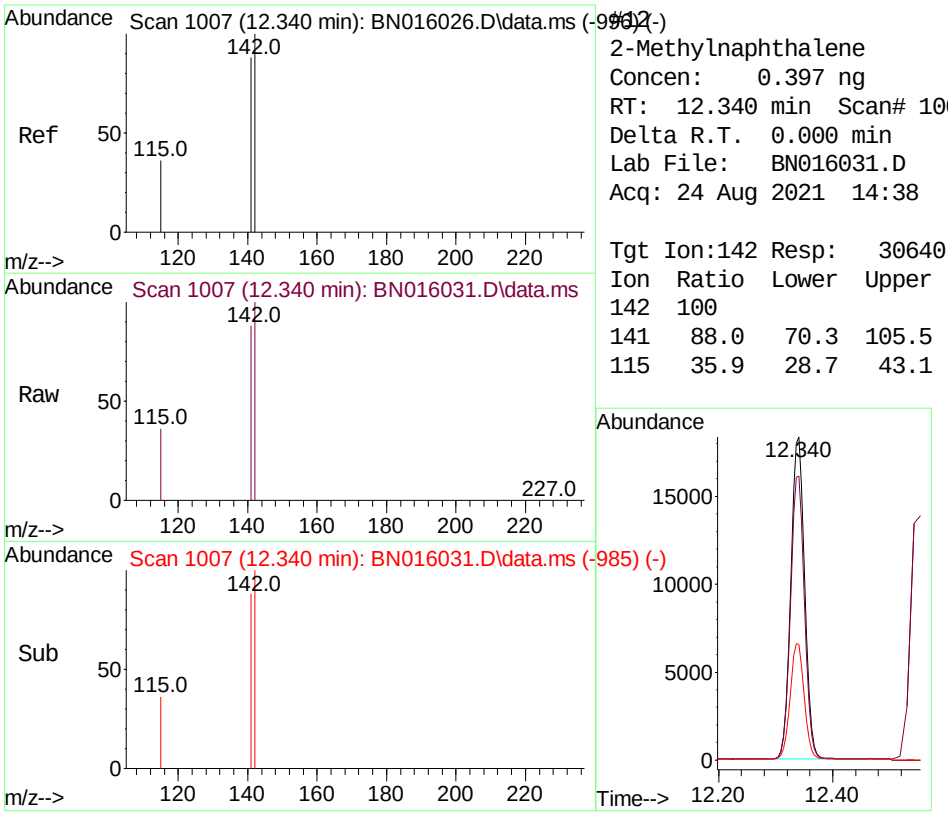
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:152 Resp: 27983

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8

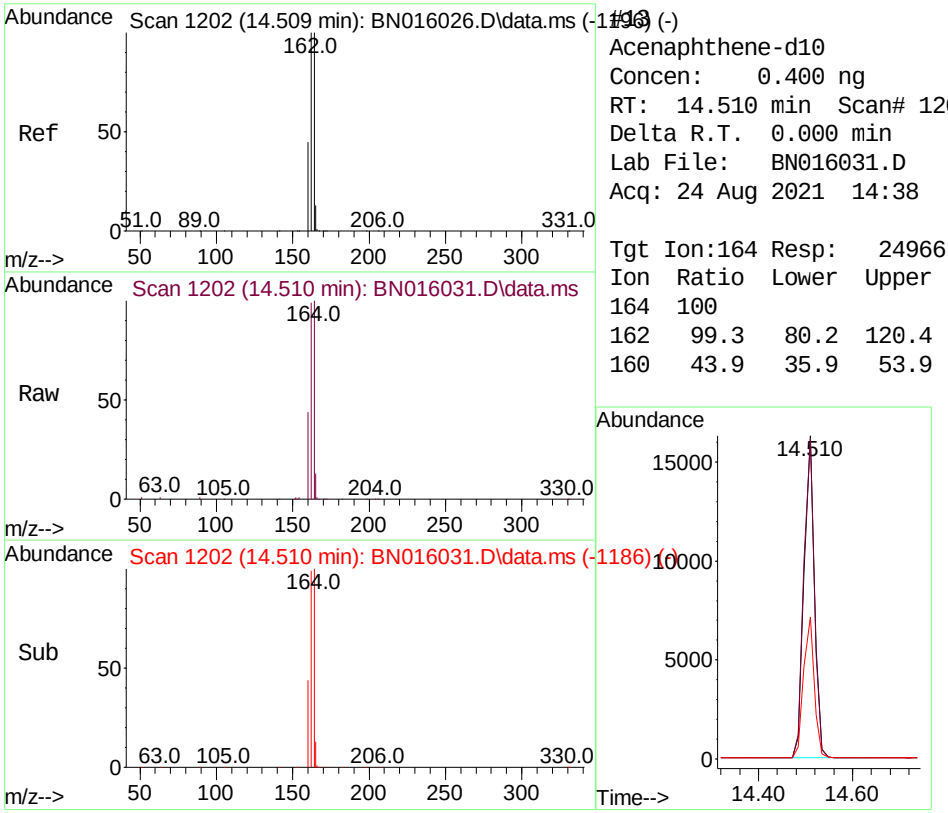


2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.340 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:142 Resp: 30640

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	35.9	28.7	43.1

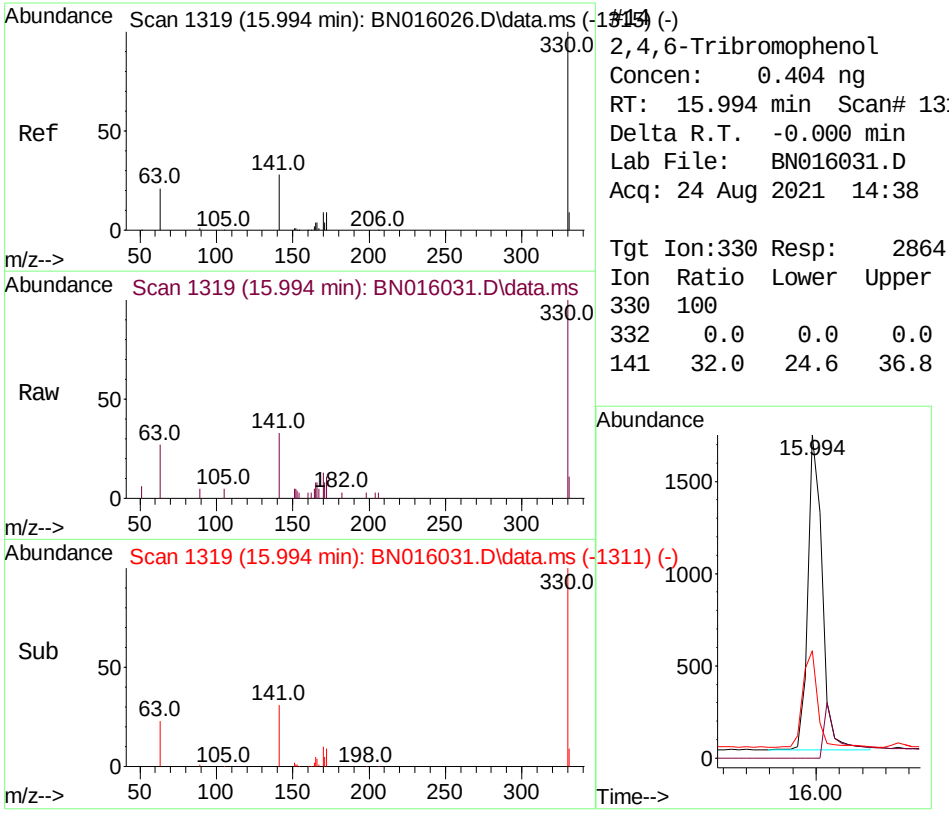
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:164 Resp: 24966

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.4
160	43.9	35.9	53.9

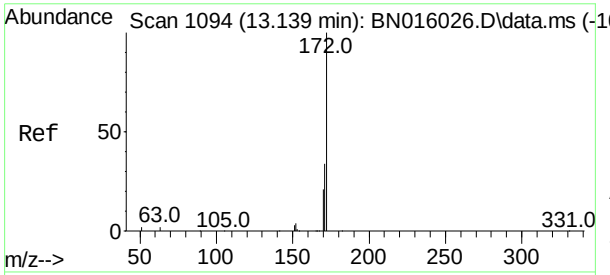


#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.994 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:330 Resp: 2864

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.0	24.6	36.8

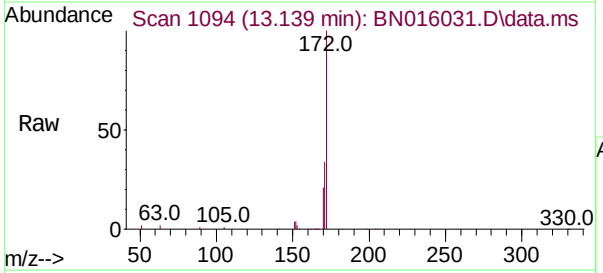
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

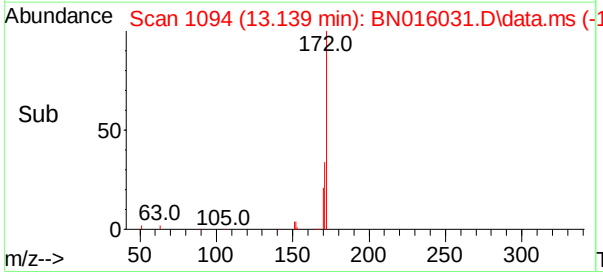


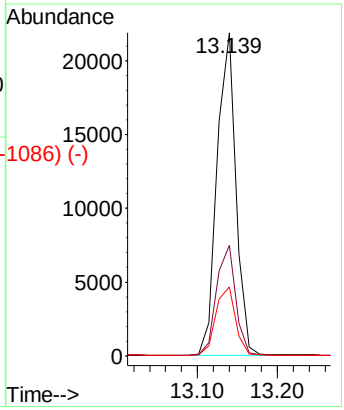
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.139 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

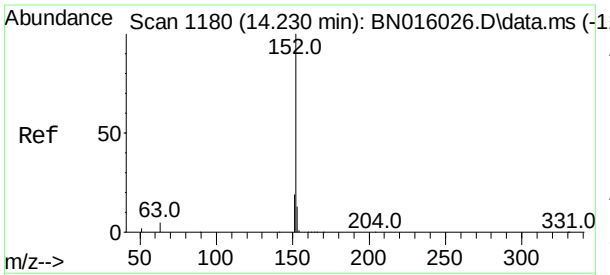
Tgt Ion:172 Resp: 36147

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.1	40.7
170	21.4	17.3	25.9





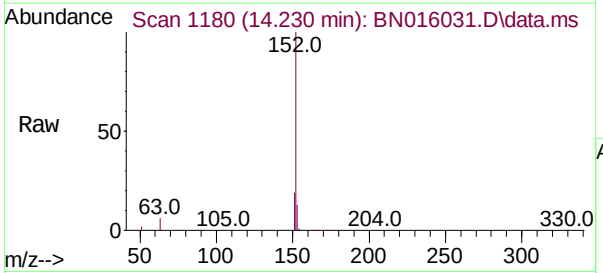


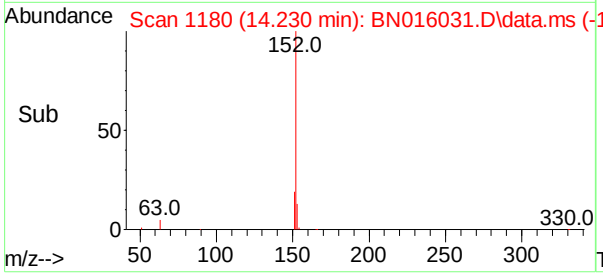


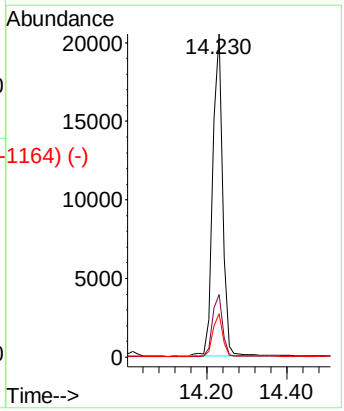
#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.230 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:152 Resp: 35152

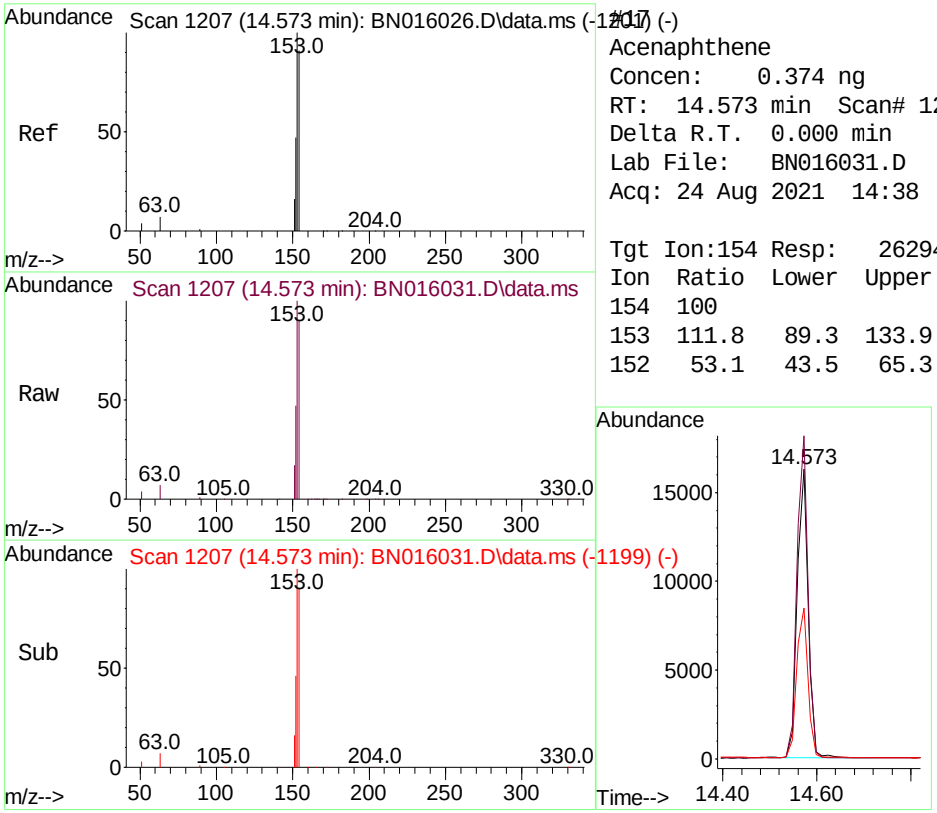
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9
153	13.1	10.5	15.7







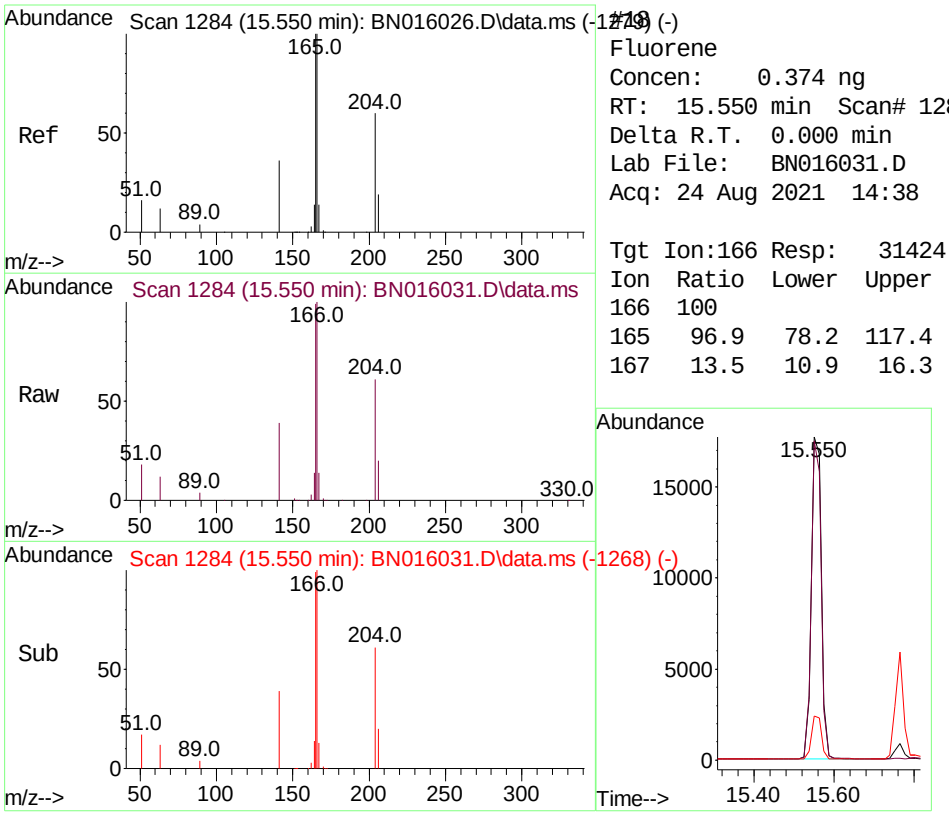
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#17
Acenaphthene
Concen: 0.374 ng
RT: 14.573 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:154 Resp: 26294

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.3	133.9
152	53.1	43.5	65.3

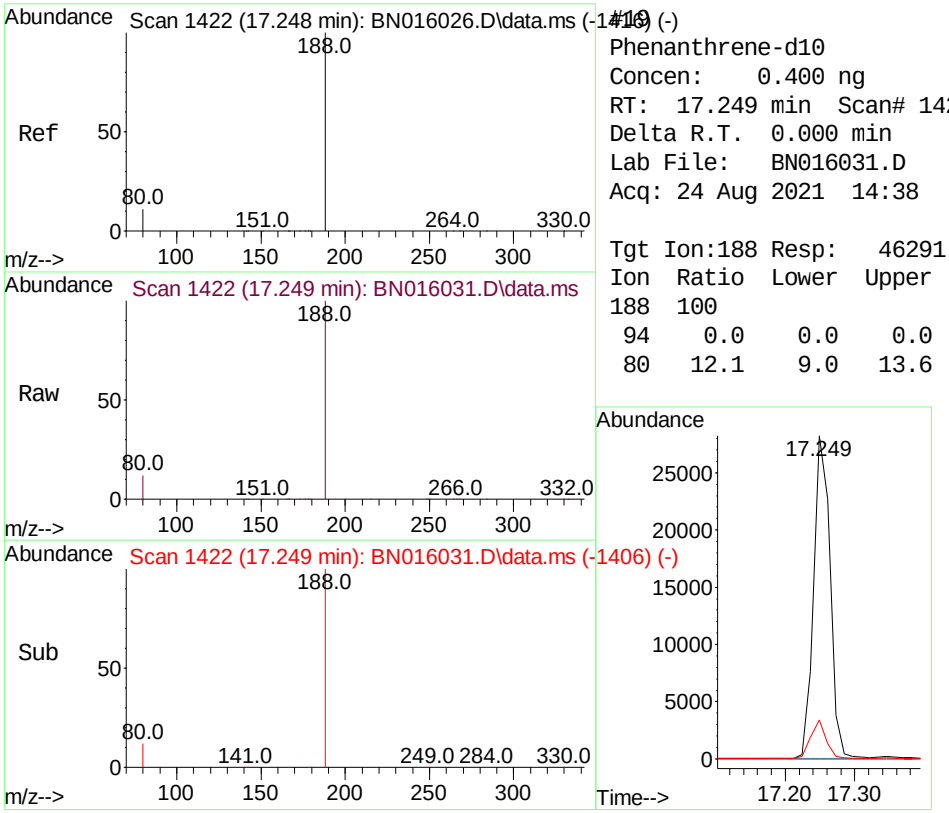


#18
Fluorene
Concen: 0.374 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:166 Resp: 31424

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.2	117.4
167	13.5	10.9	16.3

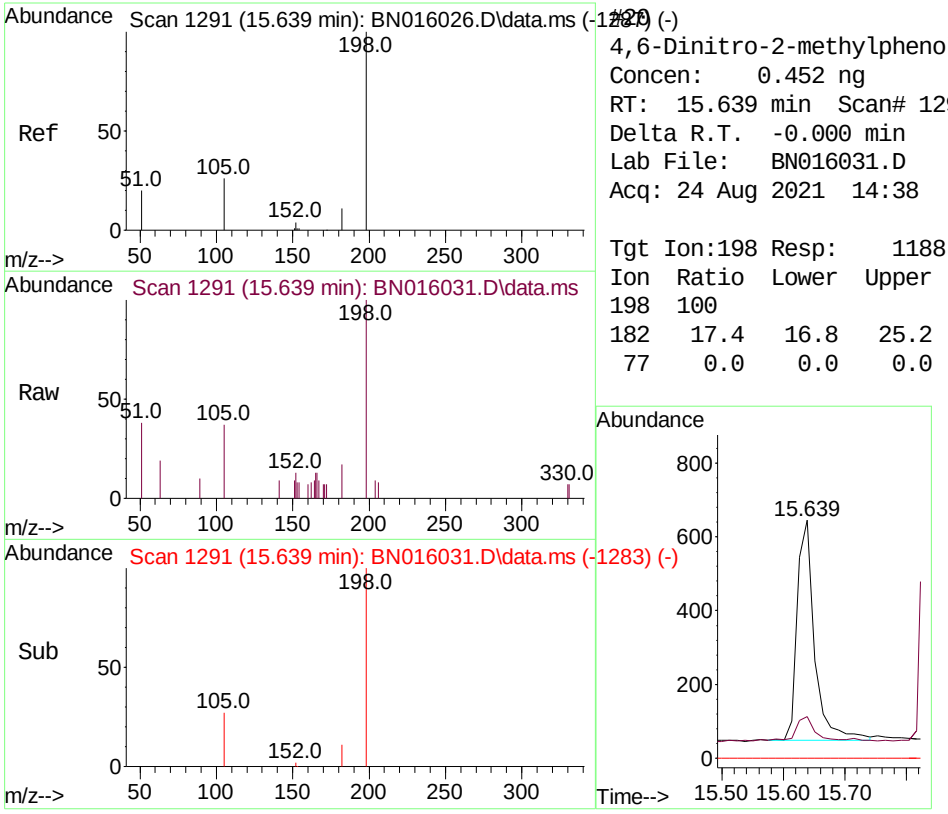
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#10
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:188 Resp: 46291

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	9.0	13.6

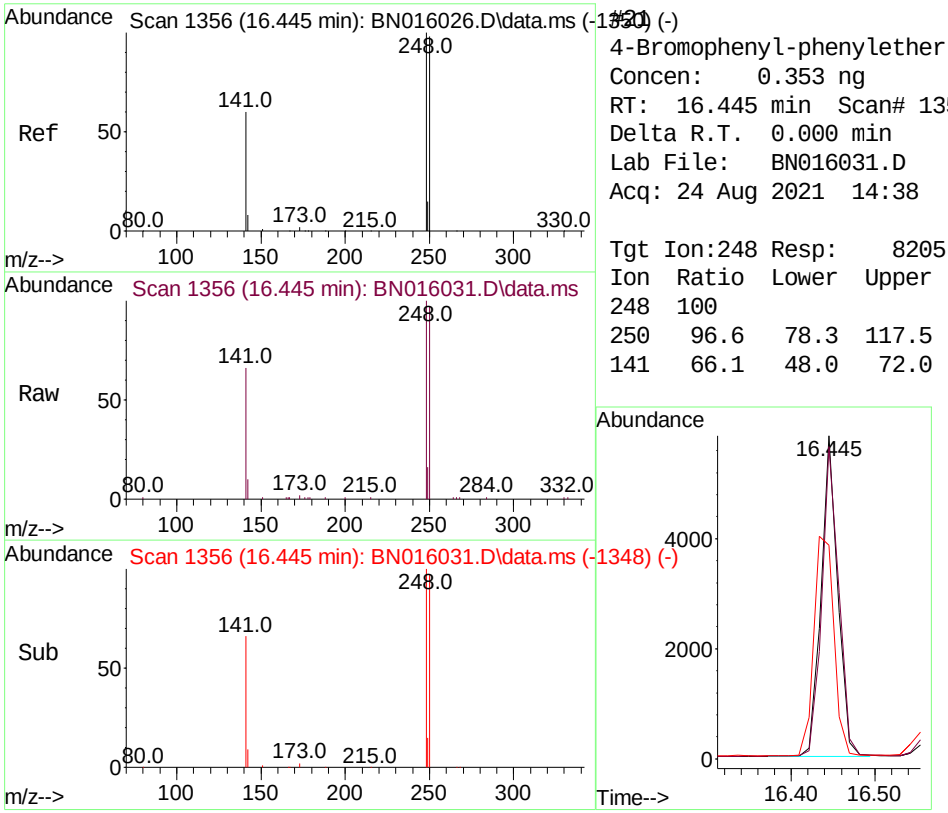


#20
4,6-Dinitro-2-methylphenol
Concen: 0.452 ng
RT: 15.639 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:198 Resp: 1188

Ion	Ratio	Lower	Upper
198	100		
182	17.4	16.8	25.2
77	0.0	0.0	0.0

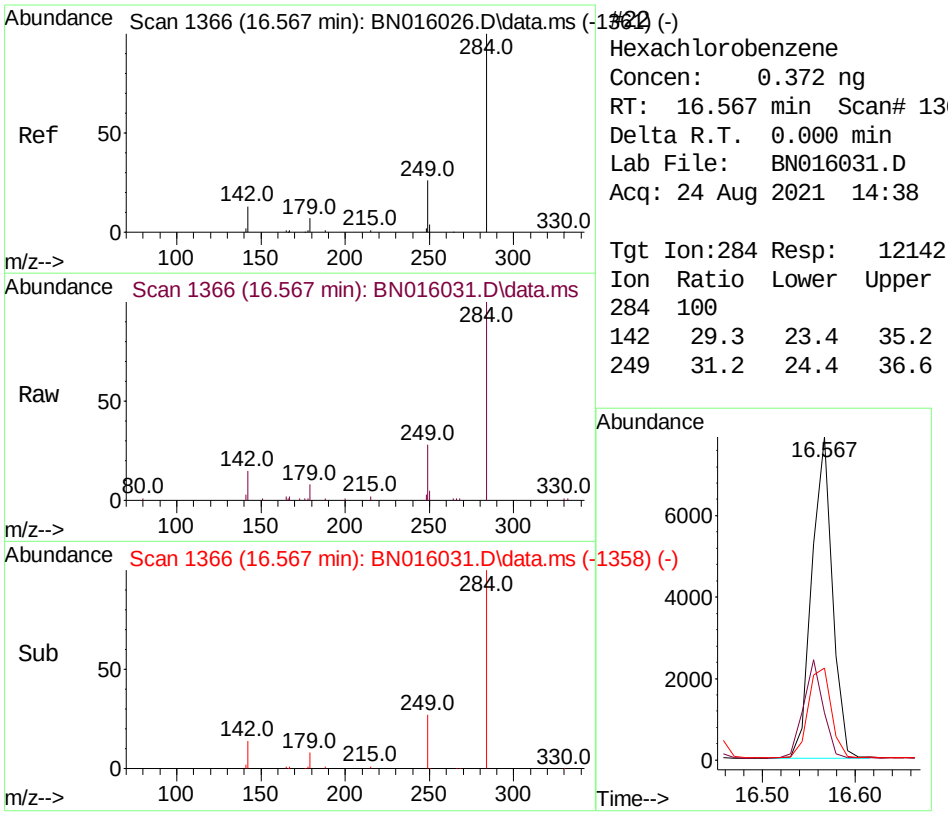
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.445 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:248 Resp: 8205

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.3	117.5
141	66.1	48.0	72.0

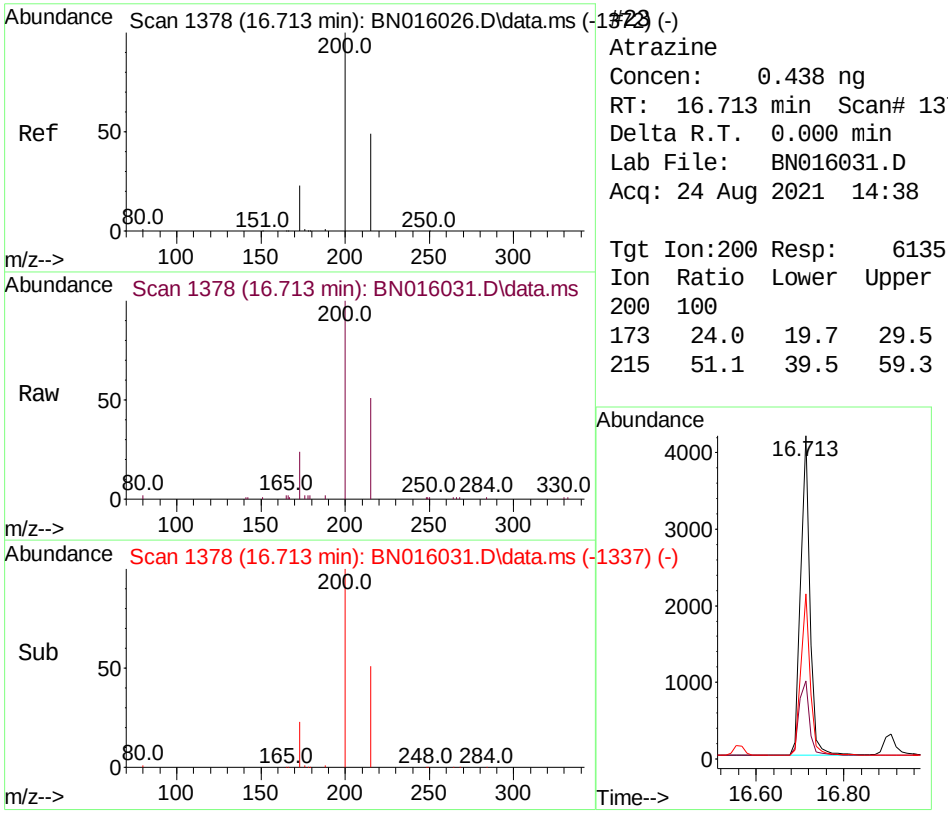


#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:284 Resp: 12142

Ion	Ratio	Lower	Upper
284	100		
142	29.3	23.4	35.2
249	31.2	24.4	36.6

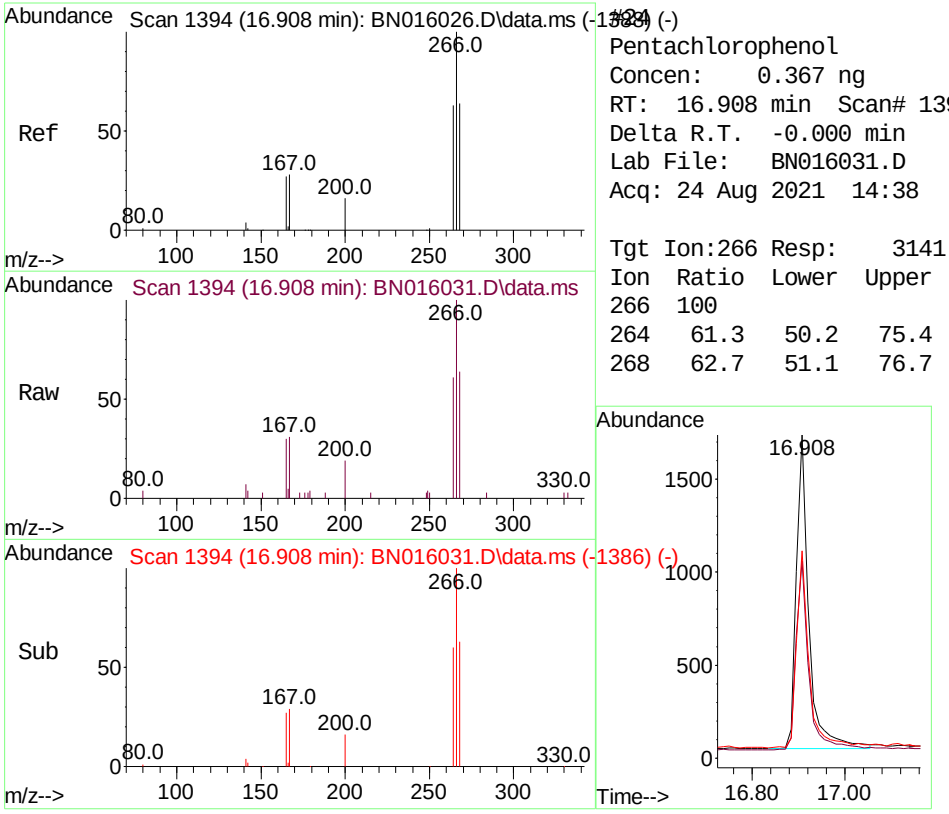
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#22
Atrazine
Concen: 0.438 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:200 Resp: 6135

Ion	Ratio	Lower	Upper
200	100		
173	24.0	19.7	29.5
215	51.1	39.5	59.3

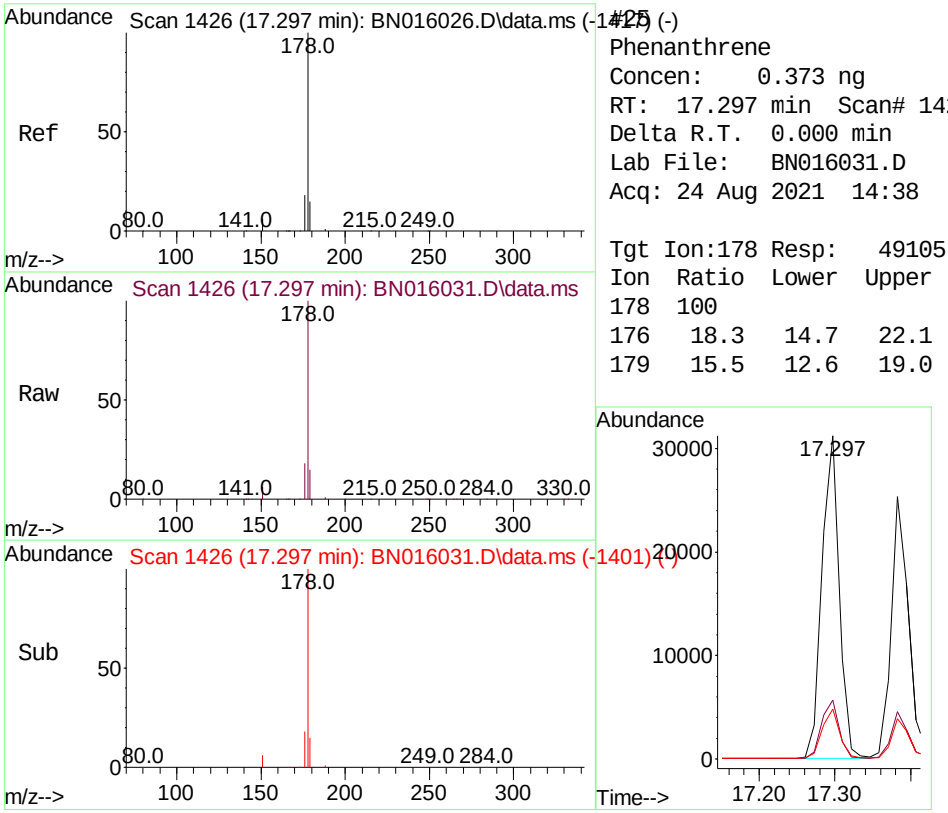


#24
Pentachlorophenol
Concen: 0.367 ng
RT: 16.908 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:266 Resp: 3141

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.2	75.4
268	62.7	51.1	76.7

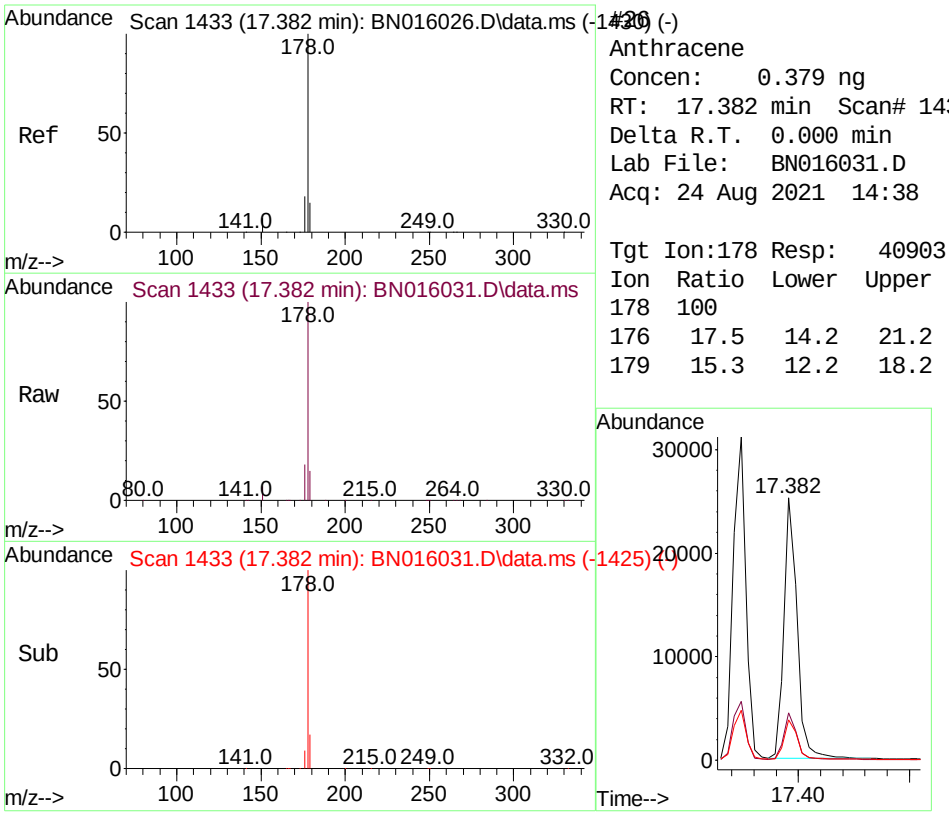
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#25
Phenanthrene
Concen: 0.373 ng
RT: 17.297 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:178 Resp: 49105

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.5	12.6	19.0

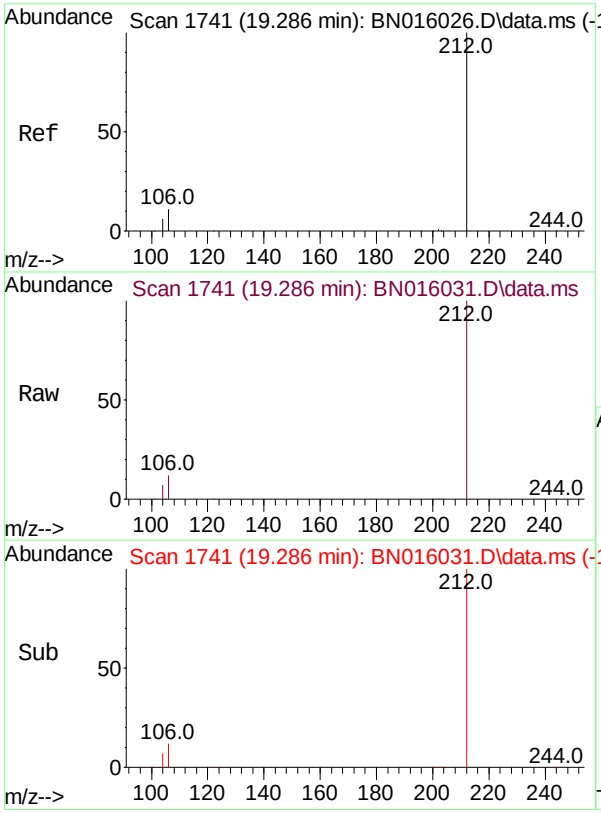


#26
Anthracene
Concen: 0.379 ng
RT: 17.382 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:178 Resp: 40903

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.2	21.2
179	15.3	12.2	18.2

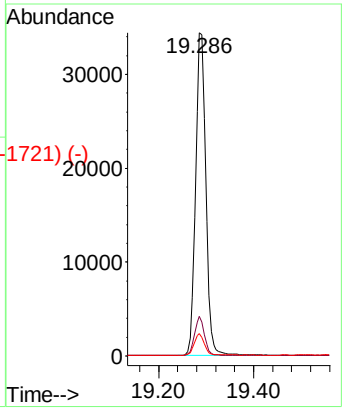
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

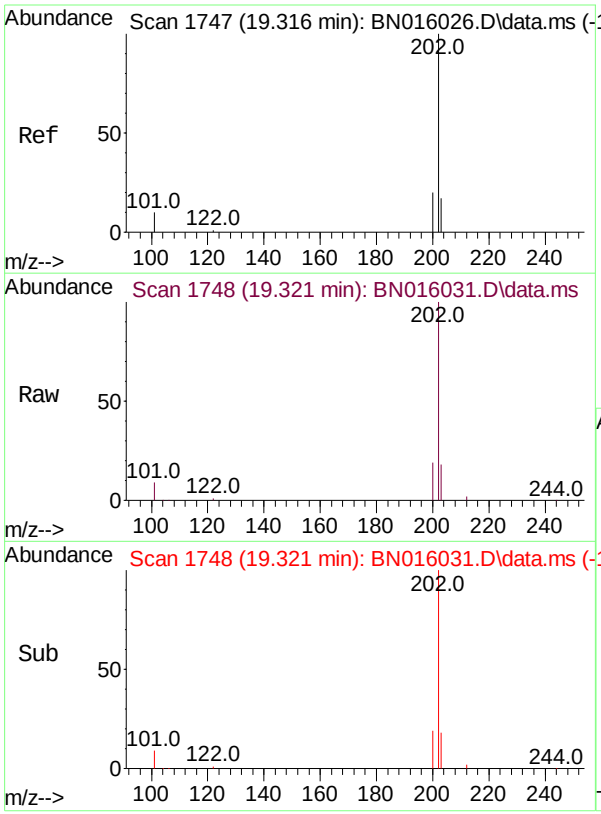


#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:212 Resp: 50926

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.2
104	6.5	5.4	8.0

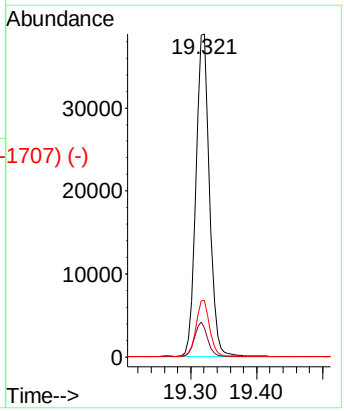




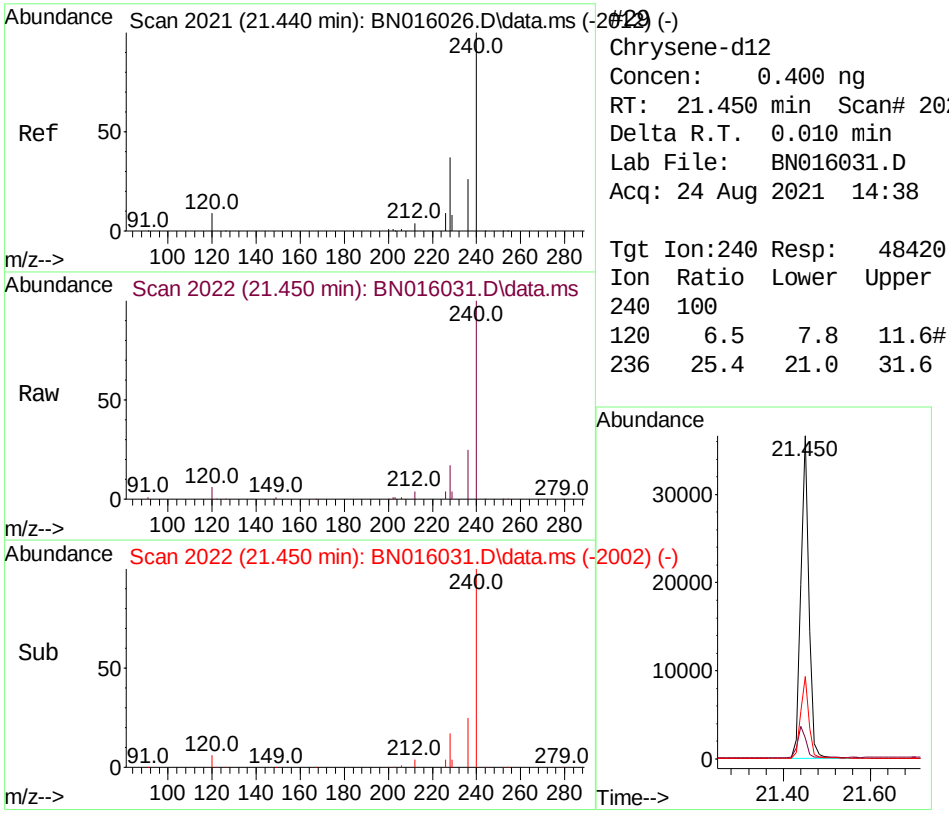
#28
Fluoranthene
Concen: 0.382 ng
RT: 19.321 min Scan# 1748
Delta R.T. 0.005 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:202 Resp: 55750

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.5	14.0	21.0



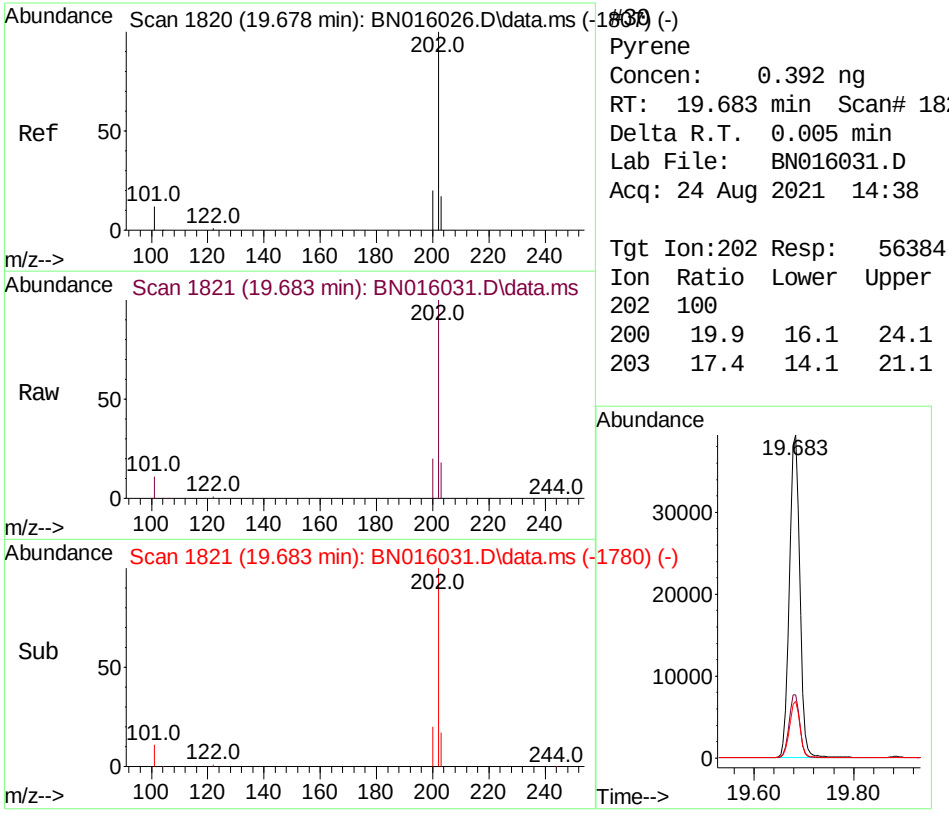
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.450 min Scan# 2022
Delta R.T. 0.010 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:240 Resp: 48420

Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.8	11.6#
236	25.4	21.0	31.6

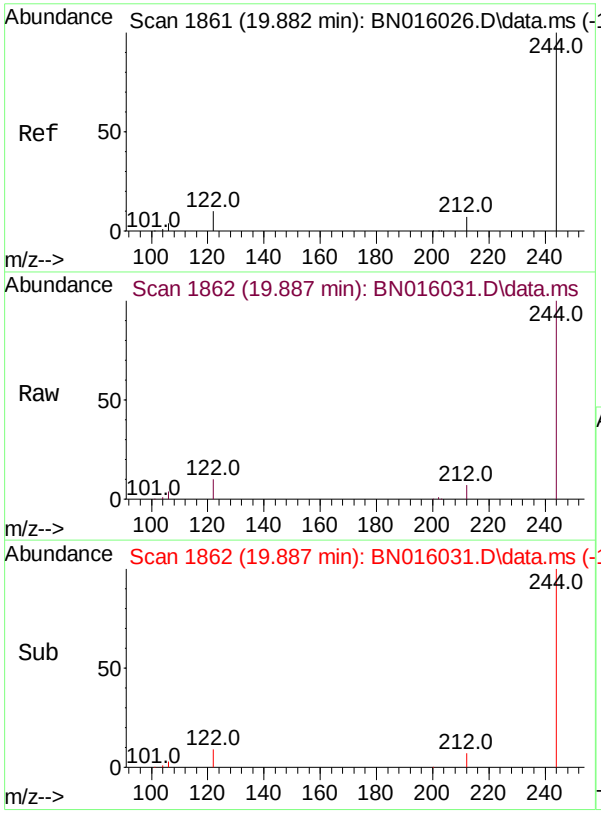


#30
Pyrene
Concen: 0.392 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.005 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:202 Resp: 56384

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.4	14.1	21.1

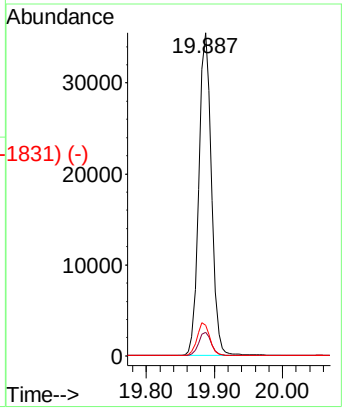
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

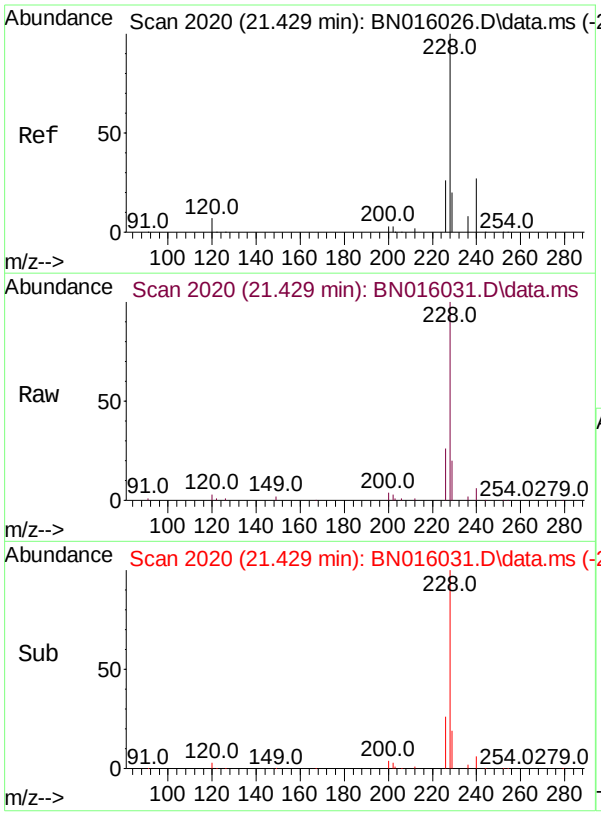


#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.887 min Scan# 1862
Delta R.T. 0.005 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:244 Resp: 45605

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.5	8.5	12.7

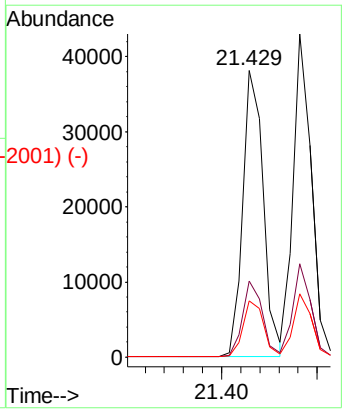




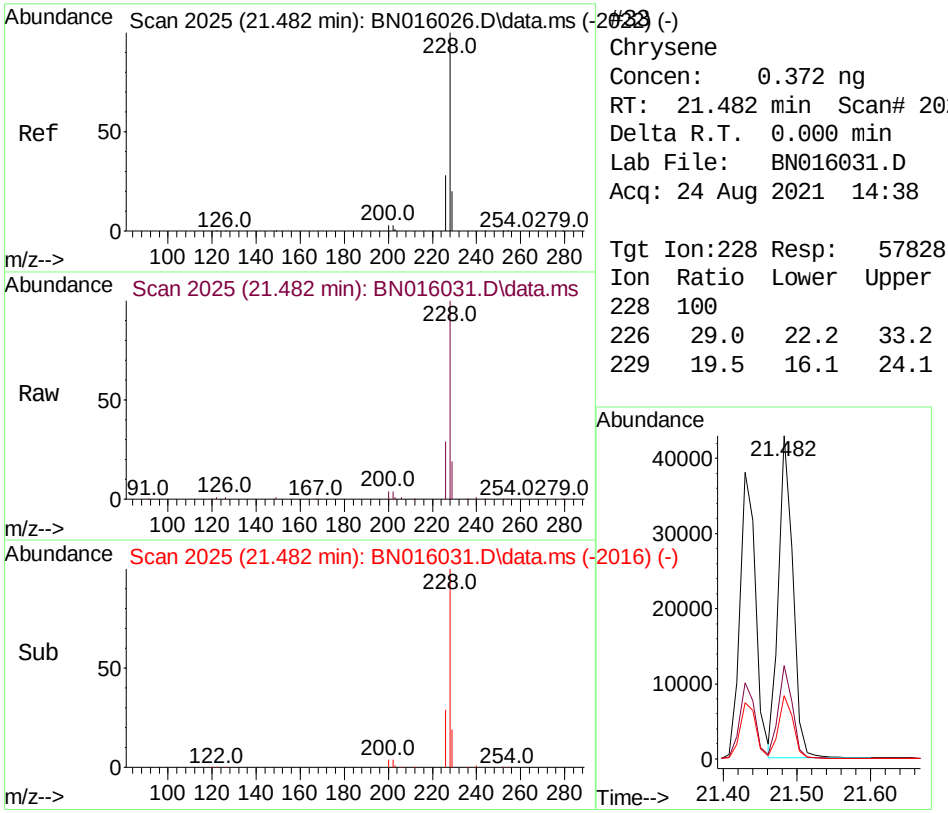
#32
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:228 Resp: 56477

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.6	30.8
229	19.6	16.0	24.0



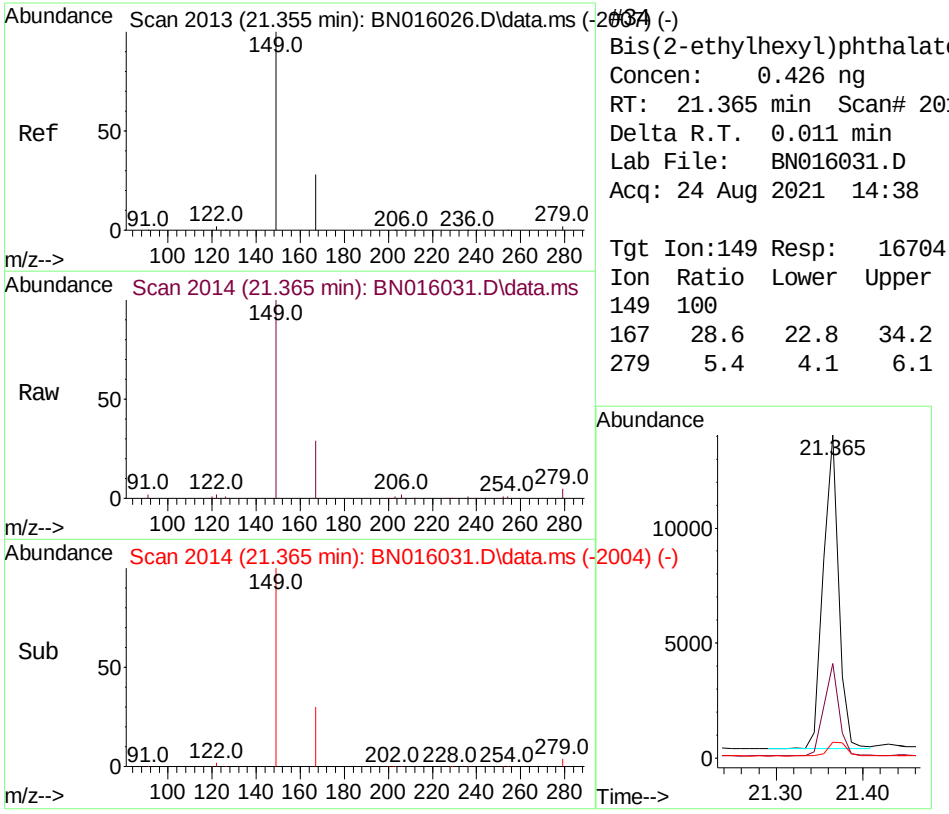
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#33
Chrysene
Concen: 0.372 ng
RT: 21.482 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:228 Resp: 57828

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.2
229	19.5	16.1	24.1

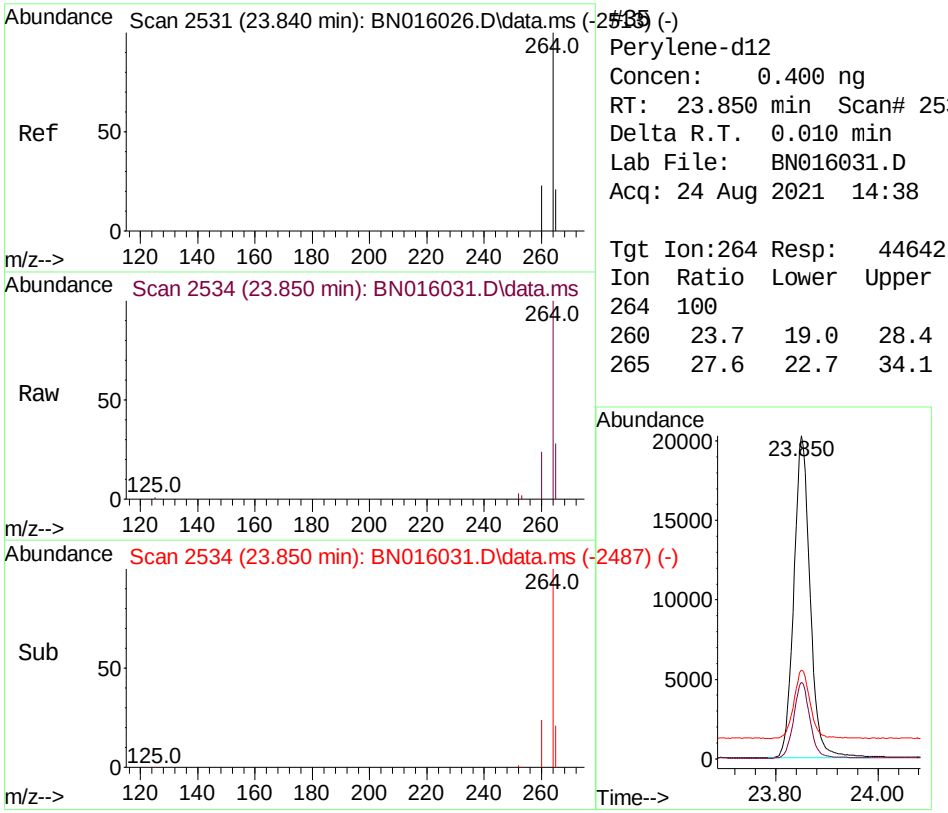


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.426 ng
RT: 21.365 min Scan# 2014
Delta R.T. 0.011 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:149 Resp: 16704

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.4	4.1	6.1

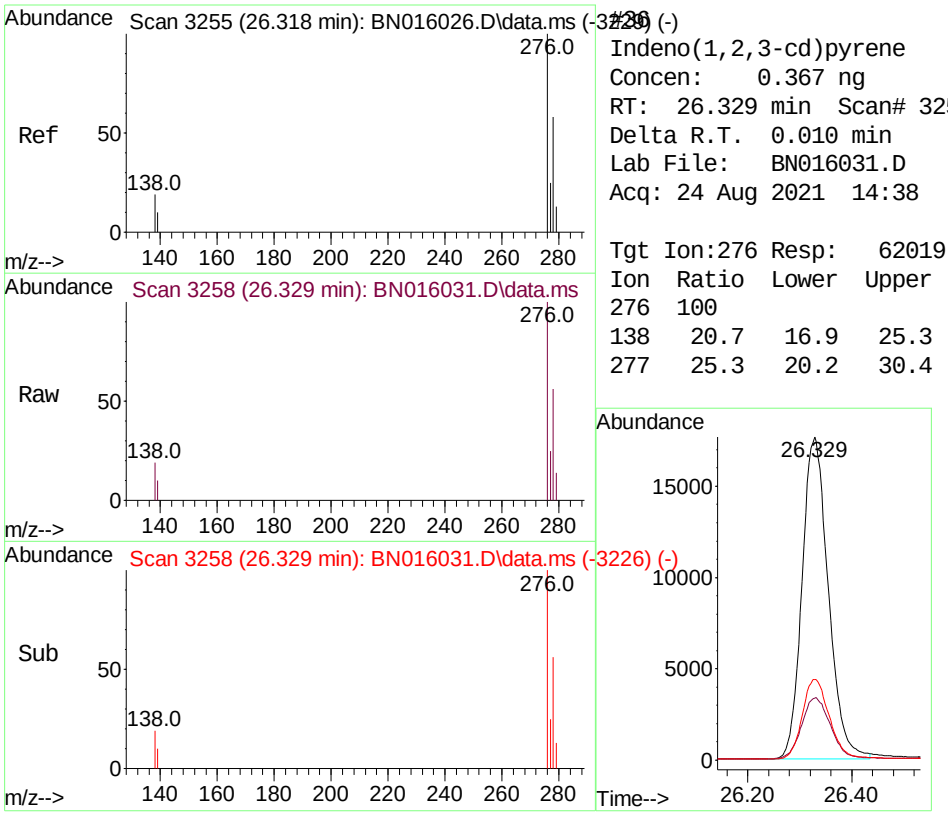
Instrument :
BNA_N
ClientSampleId :
ICVBN082521



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.850 min Scan# 2534
Delta R.T. 0.010 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:264 Resp: 44642

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	27.6	22.7	34.1

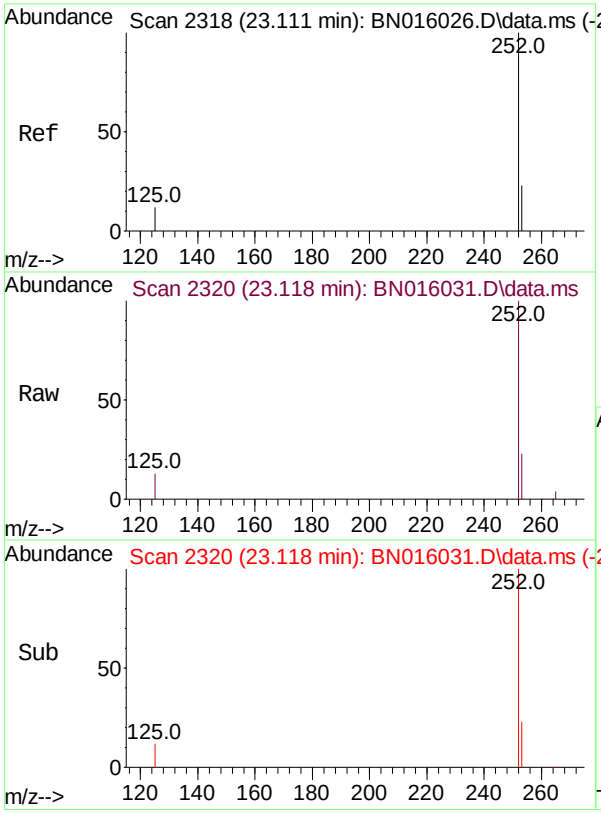


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 26.329 min Scan# 3258
Delta R.T. 0.010 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:276 Resp: 62019

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.9	25.3
277	25.3	20.2	30.4

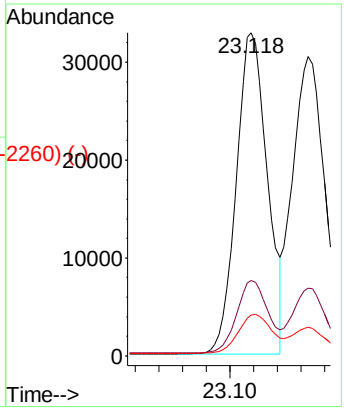
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

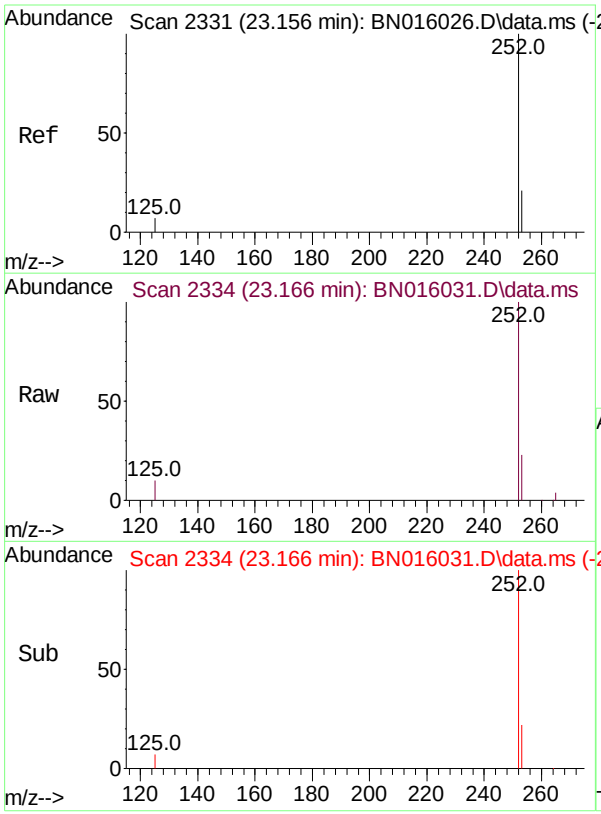


#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.118 min Scan# 2320
Delta R.T. 0.007 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:252 Resp: 59615

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	12.6	10.4	15.6

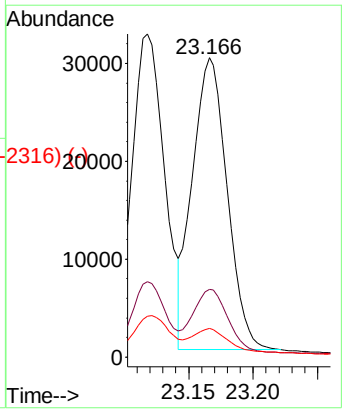




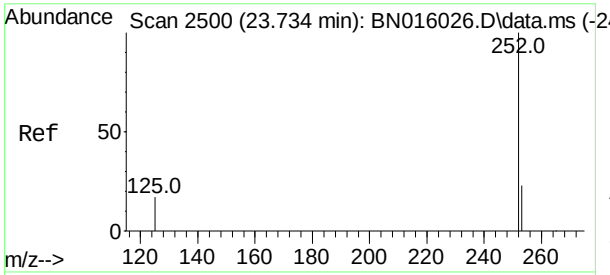
#38
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.166 min Scan# 2334
Delta R.T. 0.010 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:252 Resp: 56004

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.6	7.5	11.3



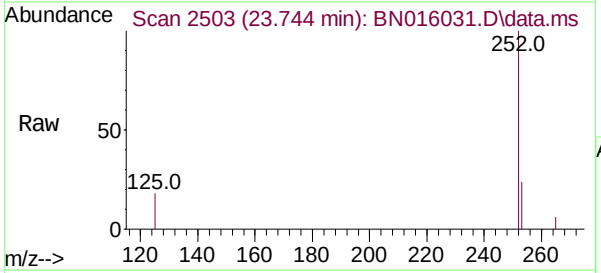
Instrument :
BNA_N
ClientSampleId :
ICVBN082521

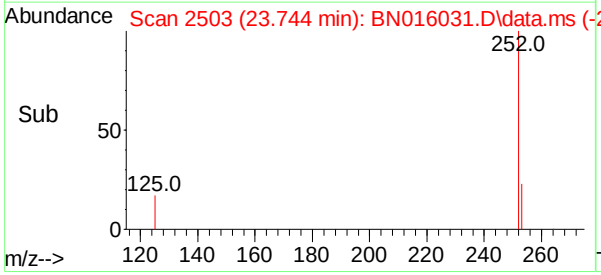


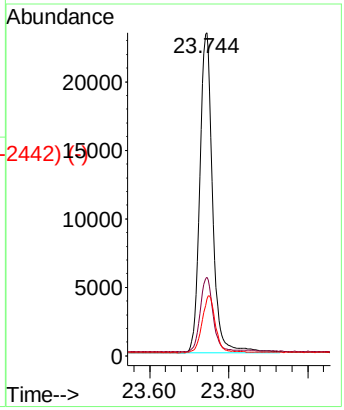
#39
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.744 min Scan# 2503
Delta R.T. 0.010 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

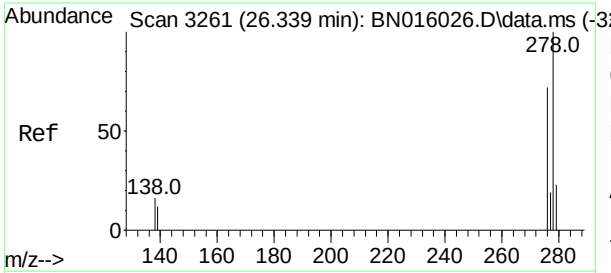
Tgt Ion:252 Resp: 52415

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	17.5	14.2	21.2





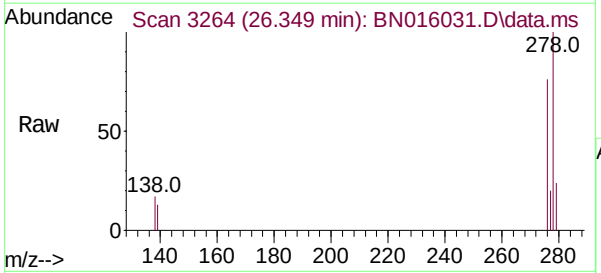


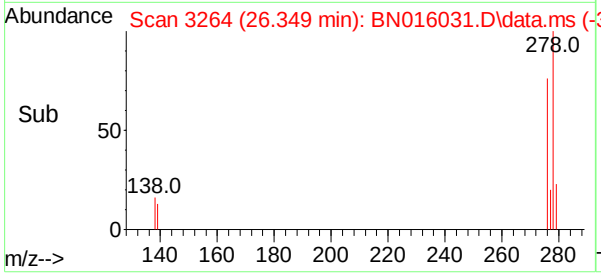


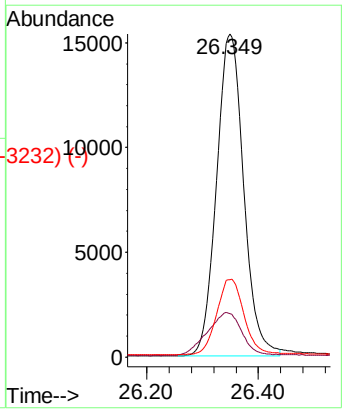
#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.349 min Scan# 3264
Delta R.T. 0.010 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

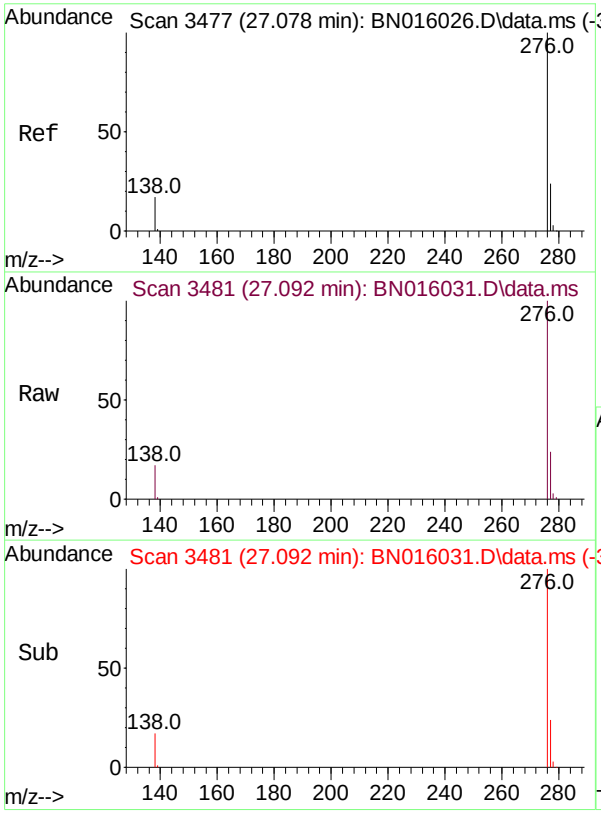
Tgt Ion:278 Resp: 51530

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.7	16.1
279	24.0	19.7	29.5





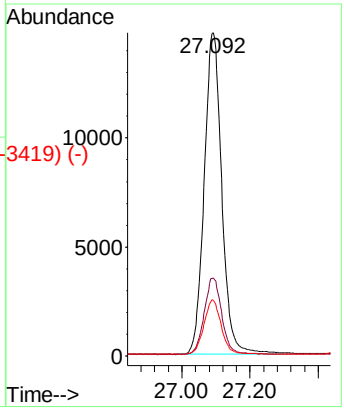




#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.092 min Scan# 3481
Delta R.T. 0.014 min
Lab File: BN016031.D
Acq: 24 Aug 2021 14:38

Tgt Ion:276 Resp: 53025

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	17.3	14.0	21.0



Instrument :
BNA_N
ClientSampleId :
ICVBN082521