Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
Data File : BN012132.D
Acq On : 09 Oct 2020 20:54
Operator : CG/JU
Sample : L4342-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BACKFILLOFFSITE-1-SO-1

Quant Time: Oct 10 01:58:00 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 18:10:29 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	1934	0.40	ng	0.00
7) Naphthalene-d8	10.415	136	7555	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	4291	0.40	ng	-0.01
19) Phenanthrene-d10	17.029	188	8957	0.40	ng	0.00
29) Chrysene-d12	21.227	240	10657	0.40	ng	# 0.00
36) Perylene-d12	23.425	264	11603	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.243	112	2465	0.36	ng	0.00
5) Phenol-d6	6.813	99	3026	0.35	ng	0.00
8) Nitrobenzene-d5	8.780	82	3198	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.011	152	4706	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	907	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	6212	0.38	ng	0.00
27) Fluoranthene-d10	19.062	212	10934	0.42	ng	0.00
31) Terphenyl-d14	19.668	244	10088	0.41	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.092	202	641	0.02	ng	# 66
32) Benzo(a)anthracene	21.216	228	862	0.03	ng	# 81
33) Chrysene	21.258	228	1038	0.03	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.152	149	2011	0.08	ng	# 88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 18:10:29 2020
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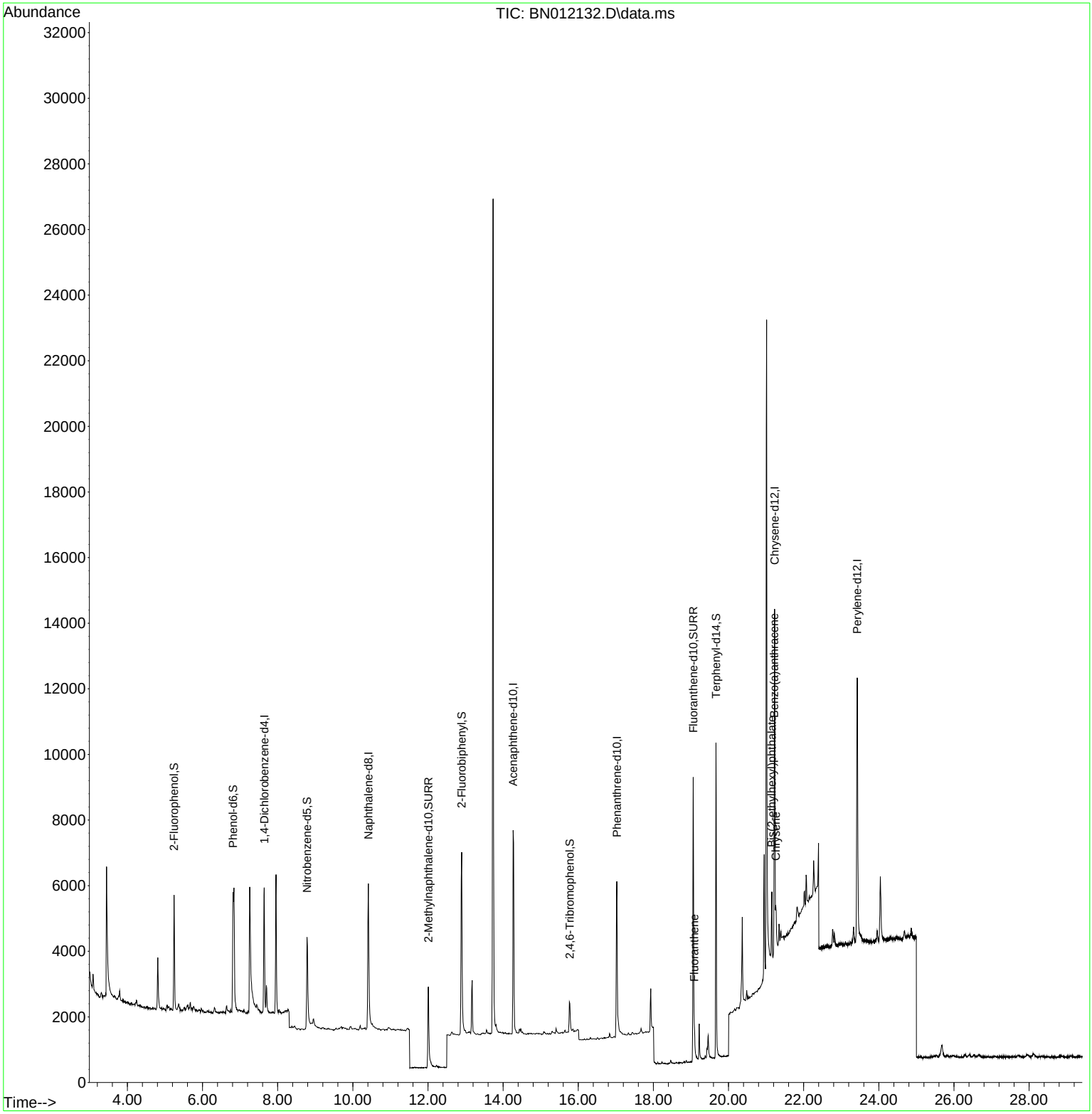
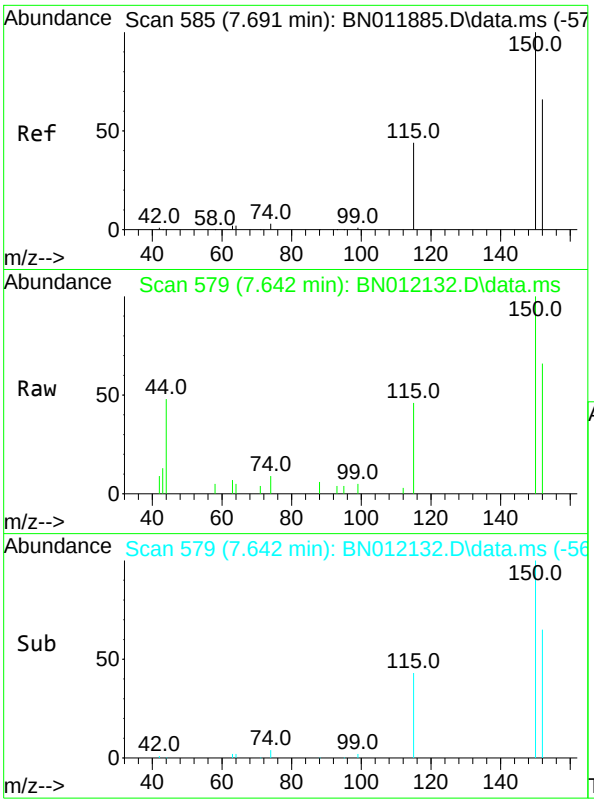


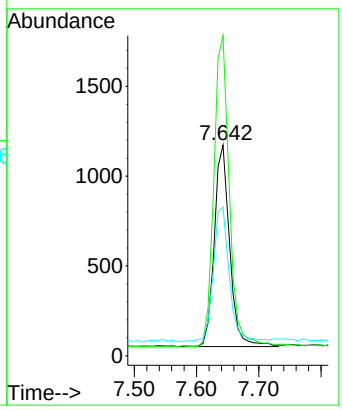
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

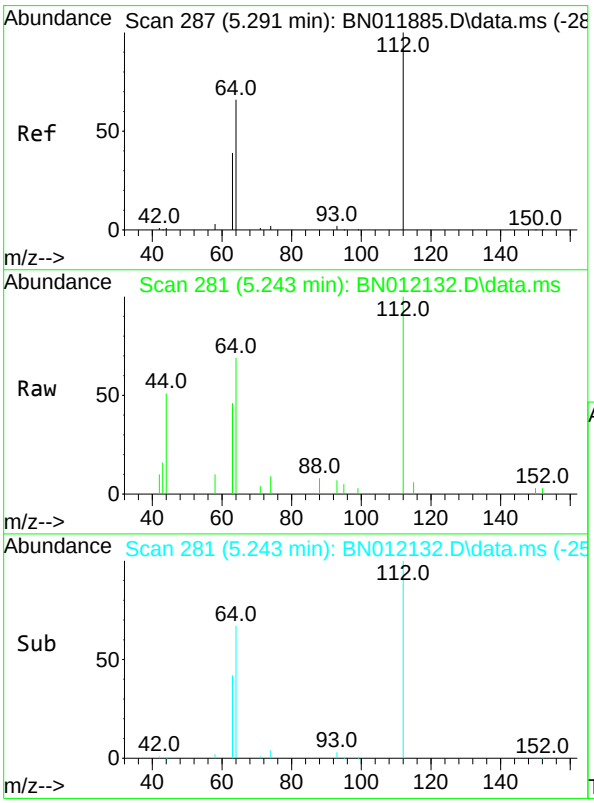


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:152 Resp: 1934

Ion	Ratio	Lower	Upper
152	100		
150	151.9	118.3	177.5
115	70.6	51.3	76.9

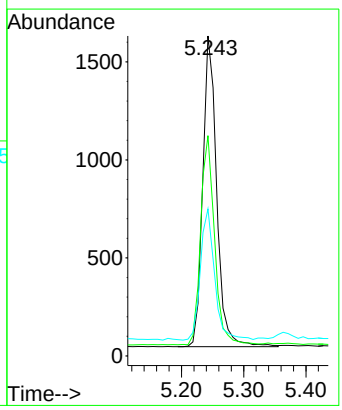




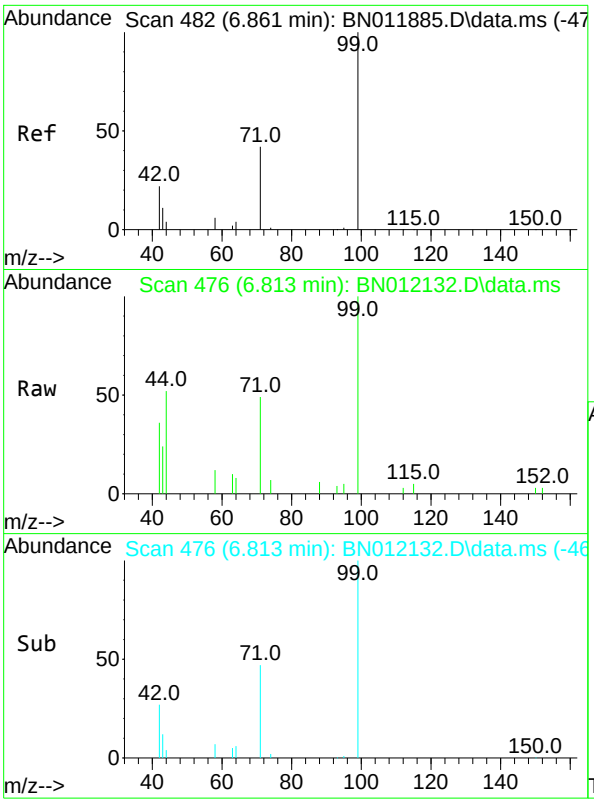
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.243 min Scan# 281
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:112 Resp: 2465

Ion	Ratio	Lower	Upper
112	100		
64	67.1	49.0	73.6
63	43.1	31.8	47.6



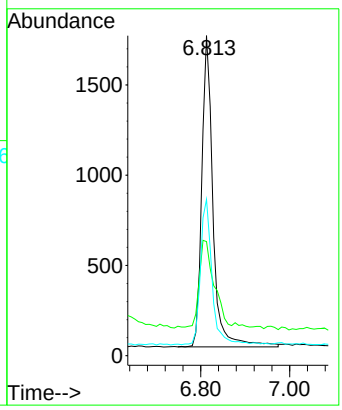
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

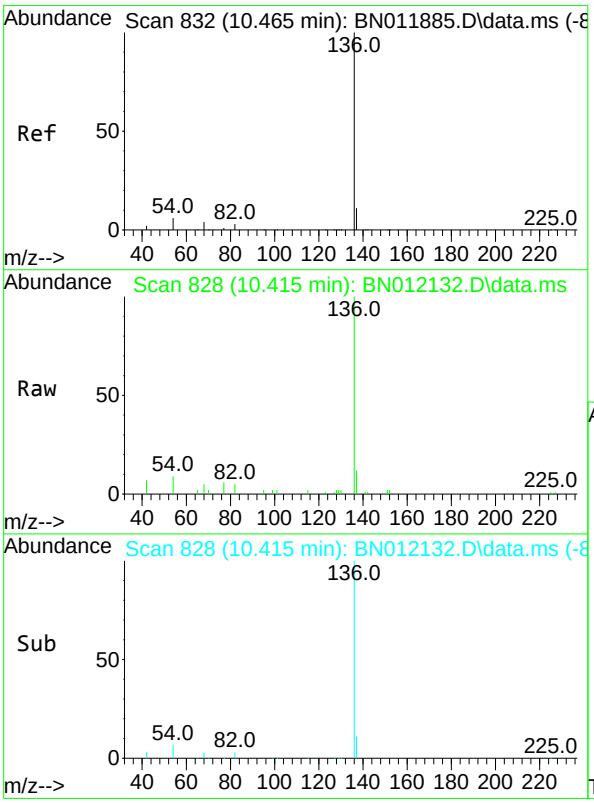


#5
Phenol-d6
Concen: 0.35 ng
RT: 6.813 min Scan# 476
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion: 99 Resp: 3026

Ion	Ratio	Lower	Upper
99	100		
42	37.6	23.4	35.0#
71	48.4	38.1	57.1

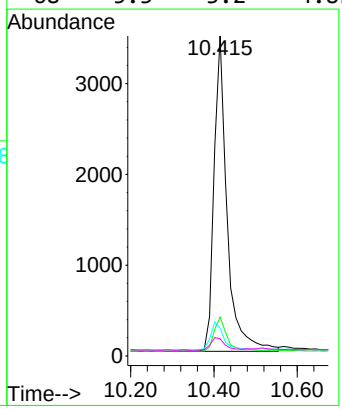




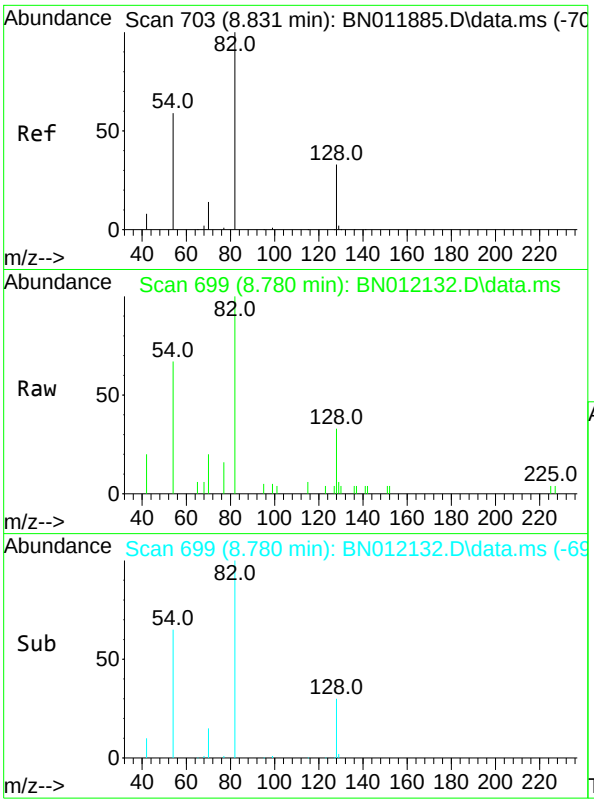
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.415 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:136 Resp: 7555

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	8.7	5.6	8.4#
68	5.3	3.2	4.8#



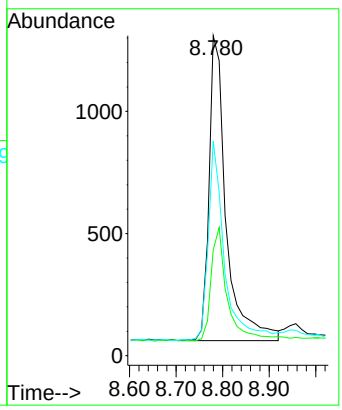
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

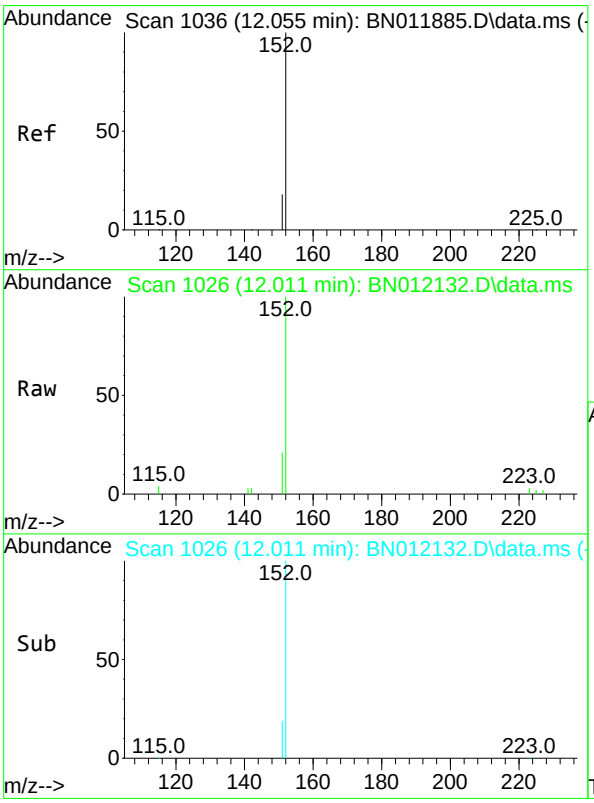


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.780 min Scan# 699
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion: 82 Resp: 3198

Ion	Ratio	Lower	Upper
82	100		
128	33.1	34.2	51.2#
54	67.0	43.1	64.7#

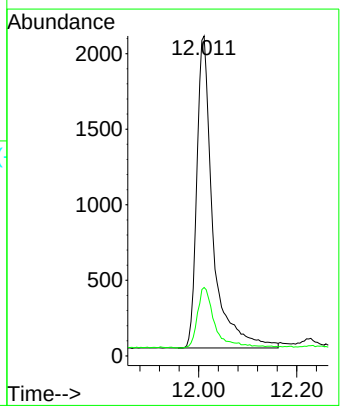




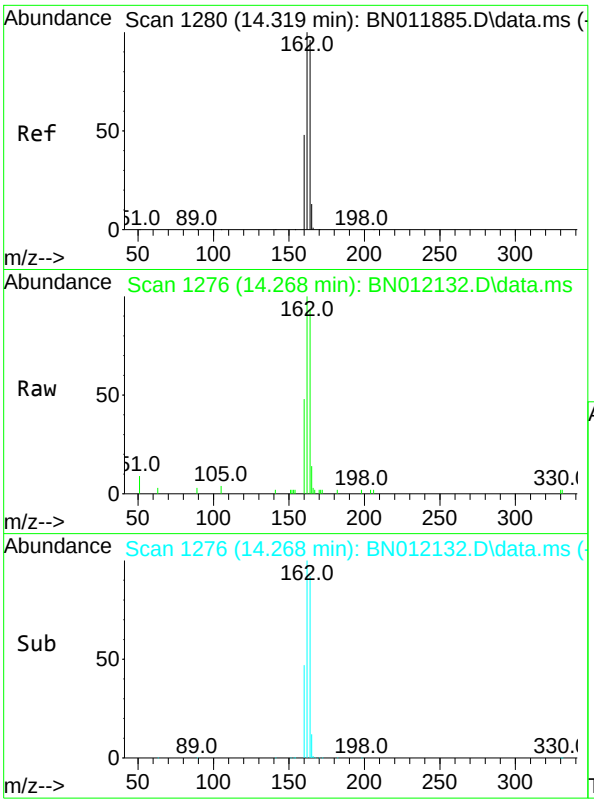
#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.011 min Scan# 1026
Delta R.T. 0.005 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:152 Resp: 4706

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1



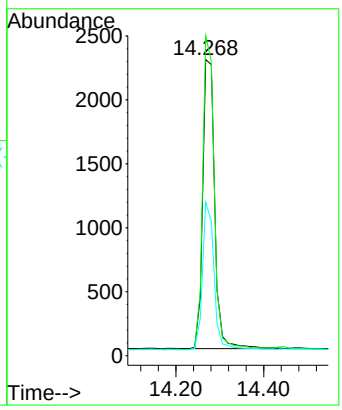
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

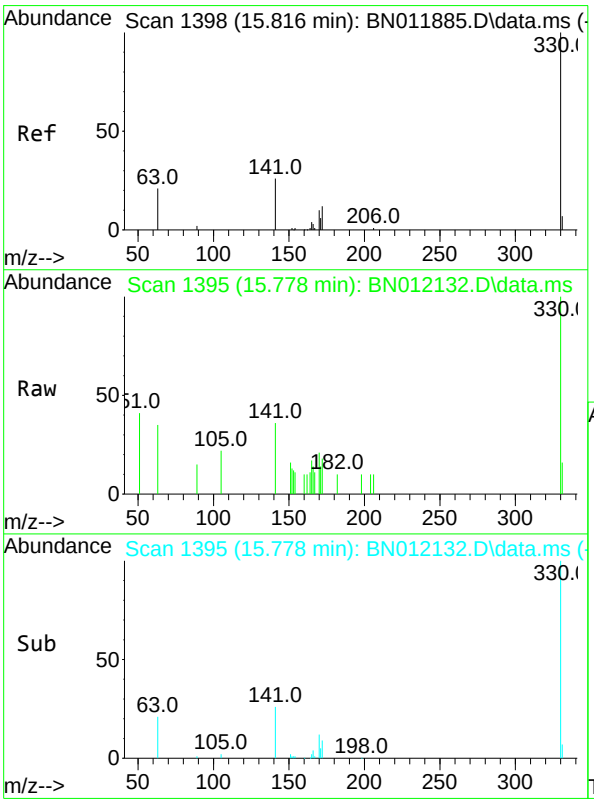


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1276
Delta R.T. -0.013 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:164 Resp: 4291

Ion	Ratio	Lower	Upper
164	100		
162	108.0	83.6	125.4
160	51.9	41.2	61.8

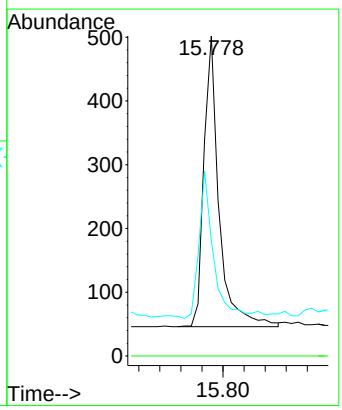




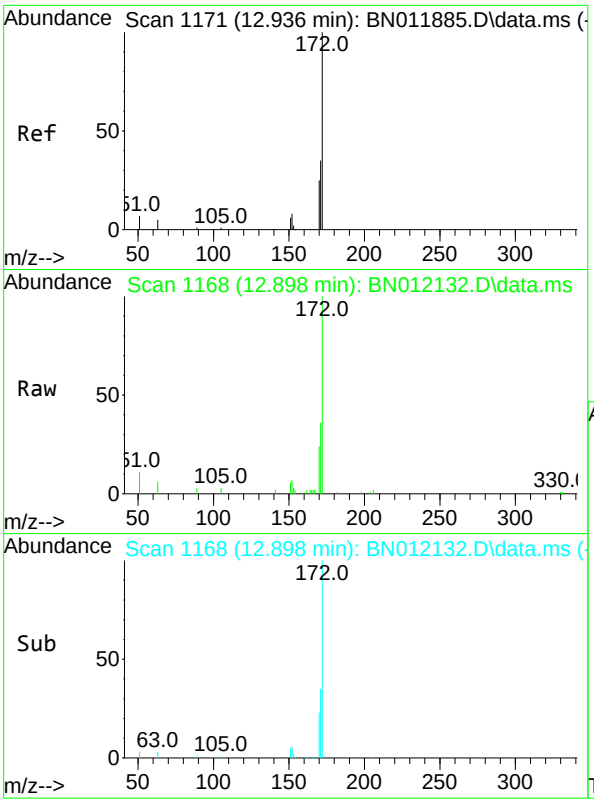
#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.778 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:330 Resp: 907

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.3	33.7	50.5



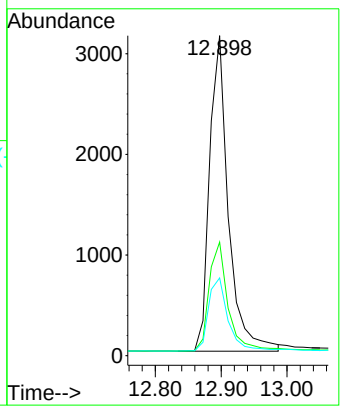
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

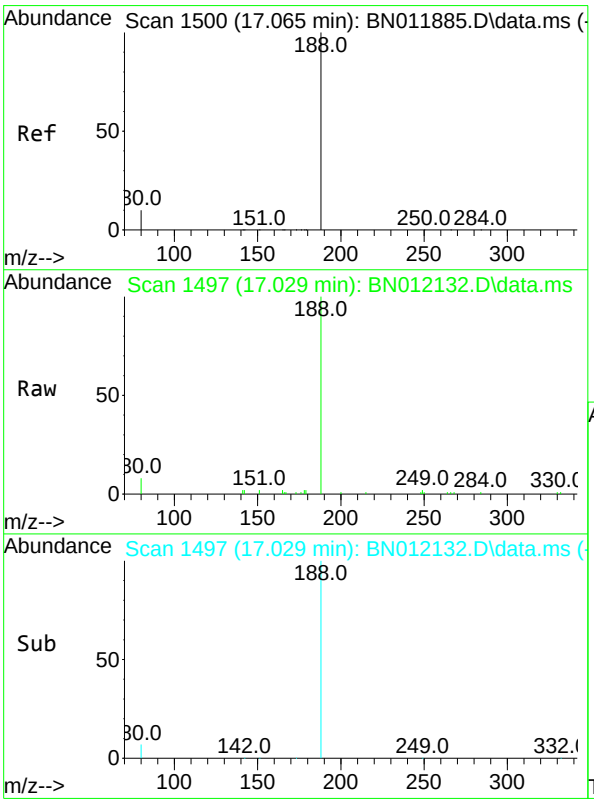


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.898 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:172 Resp: 6212

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.2
170	24.3	17.8	26.6

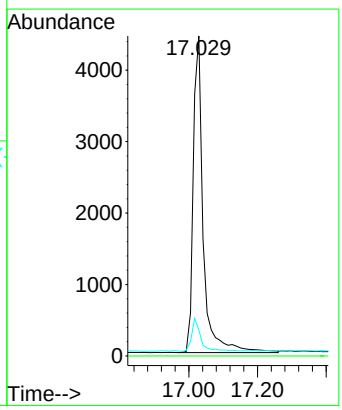




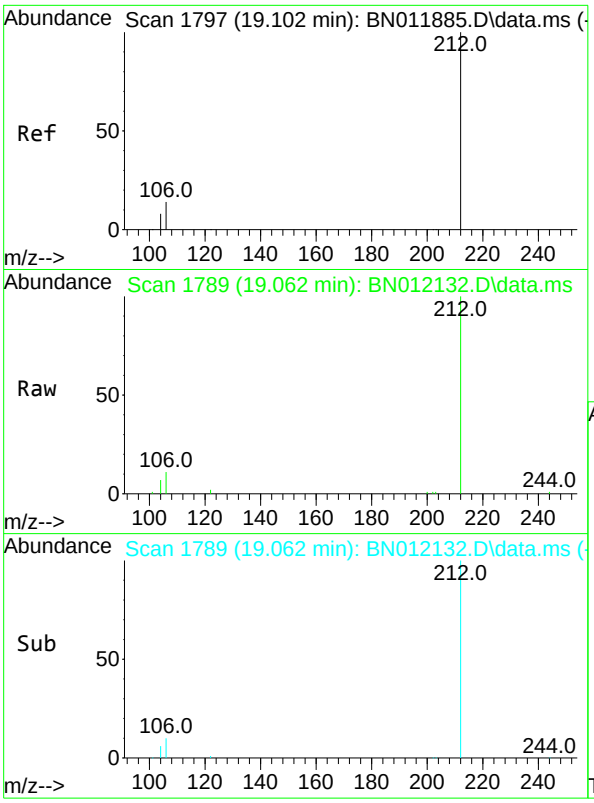
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:188 Resp: 8957

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.7	11.5



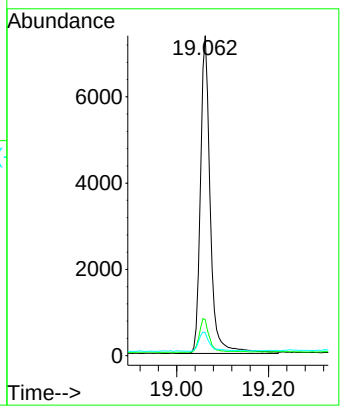
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

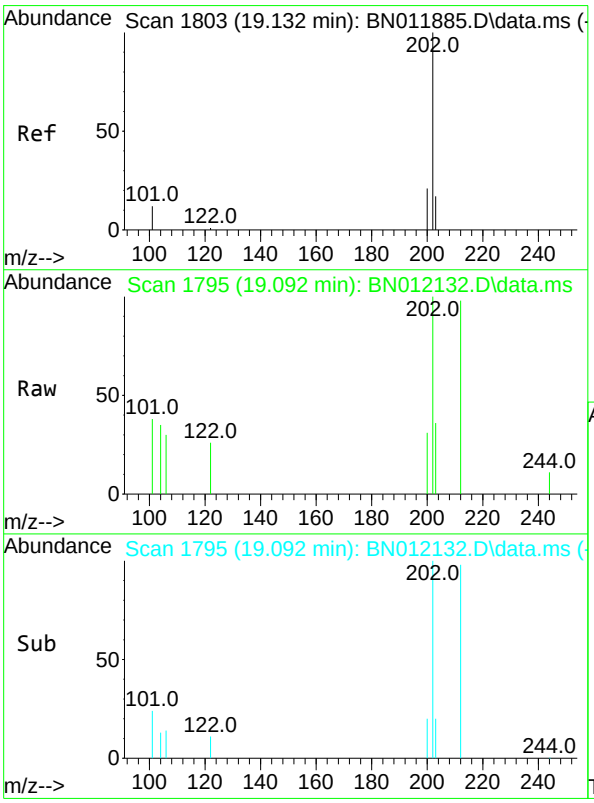


#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.062 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:212 Resp: 10934

Ion	Ratio	Lower	Upper
212	100		
106	10.7	6.4	9.6#
104	6.8	3.9	5.9#

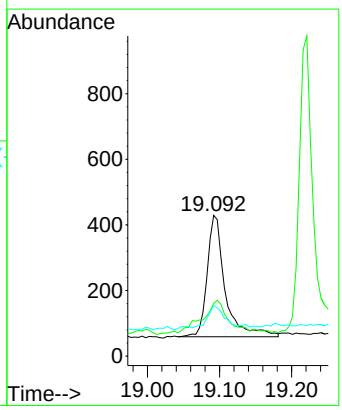


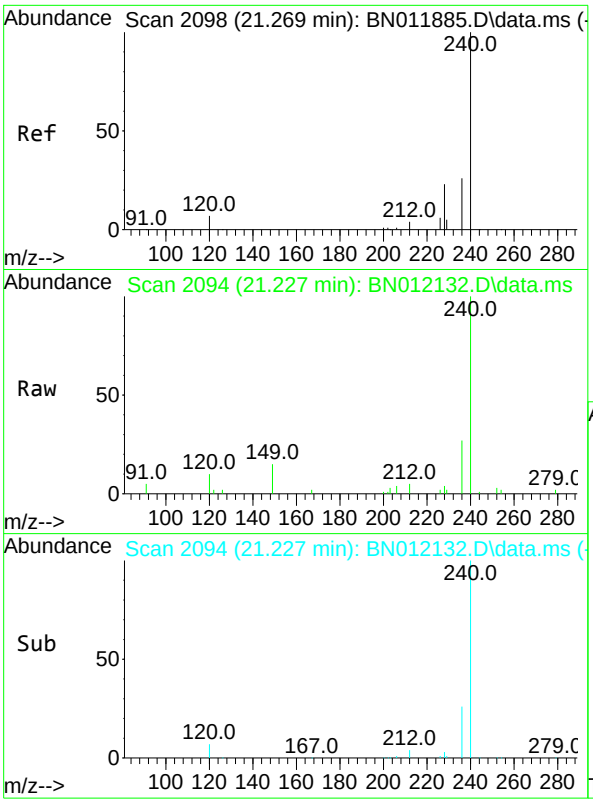


#28
Fluoranthene
Concen: 0.02 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:202 Resp: 641

Ion	Ratio	Lower	Upper
202	100		
101	46.2	5.4	8.2#
203	16.4	13.8	20.6

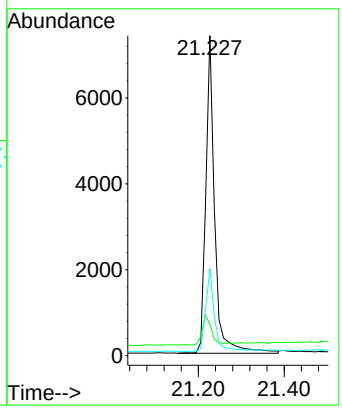




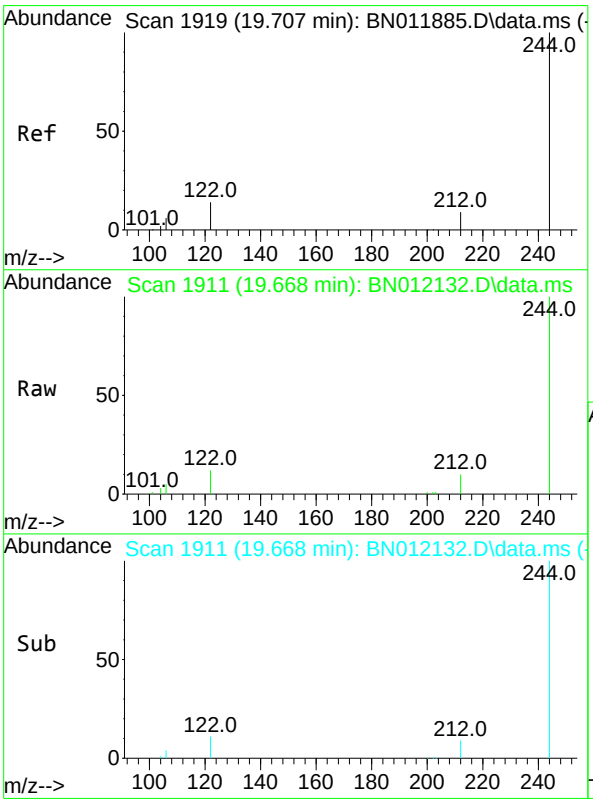
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:240 Resp: 10657

Ion	Ratio	Lower	Upper
240	100		
120	9.9	3.5	5.3#
236	27.2	20.5	30.7



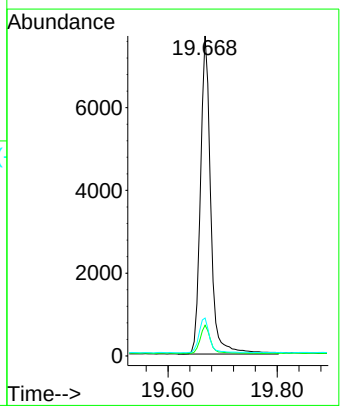
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1



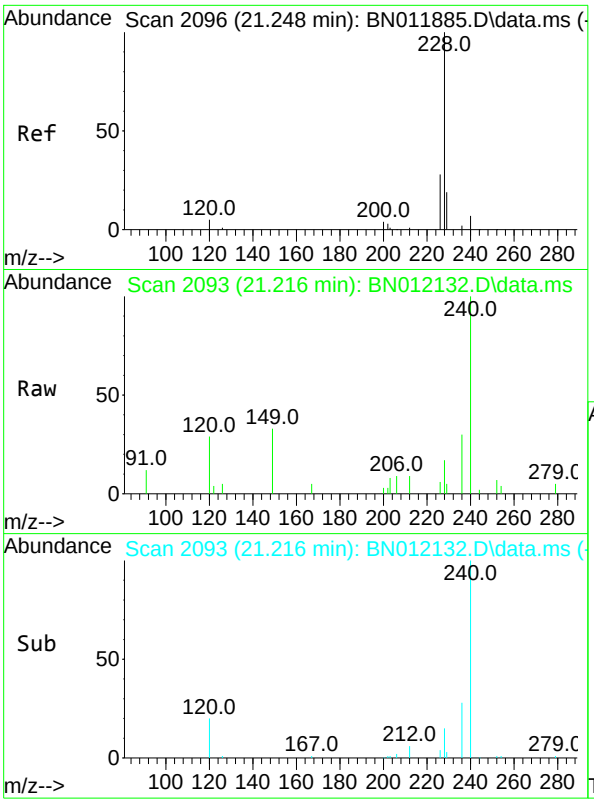
#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.668 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:244 Resp: 10088

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	11.8	7.8	11.6#



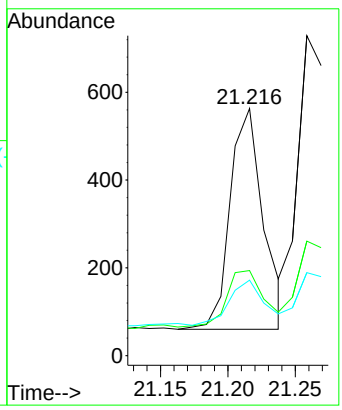
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

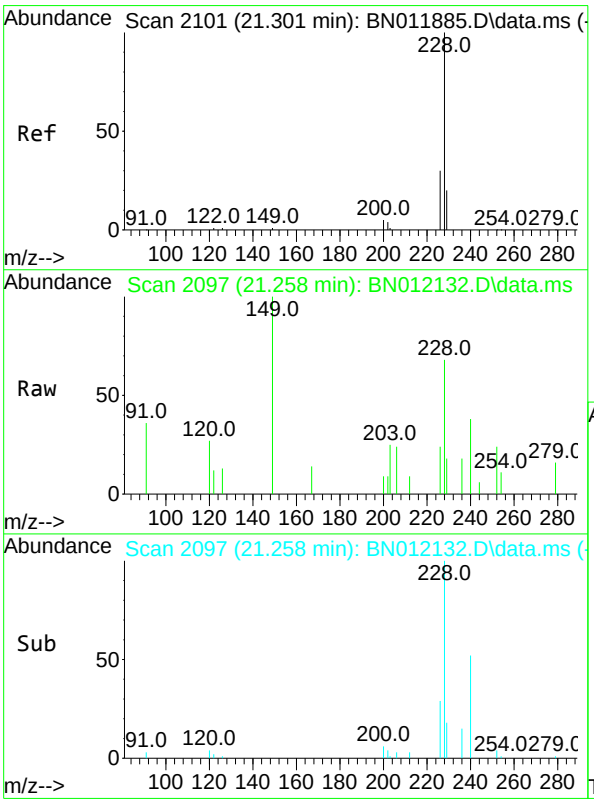


#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.216 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:228 Resp: 862

Ion	Ratio	Lower	Upper
228	100		
226	34.5	21.0	31.4#
229	30.6	16.0	24.0#

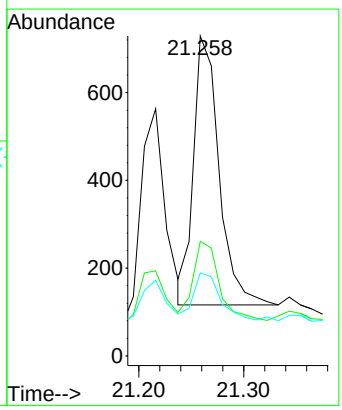




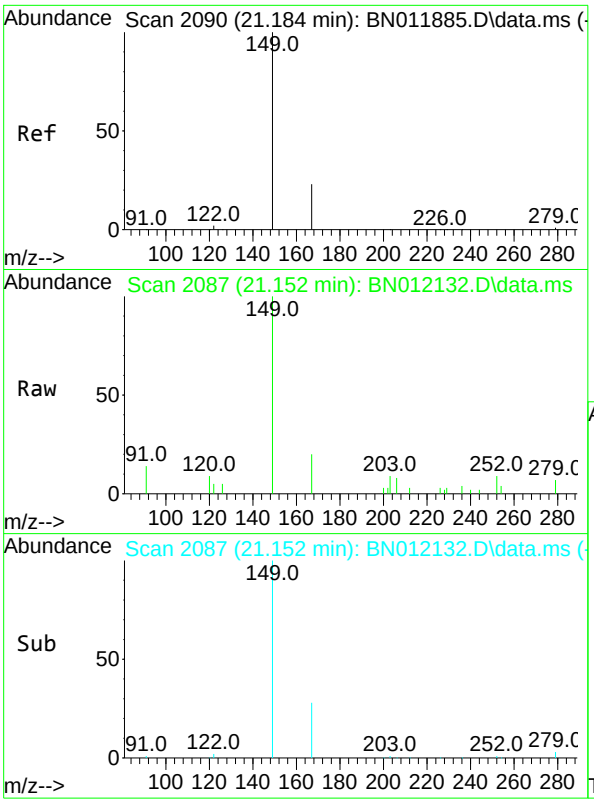
#33
Chrysene
Concen: 0.03 ng
RT: 21.258 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:228 Resp: 1038

Ion	Ratio	Lower	Upper
228	100		
226	35.8	23.3	34.9#
229	25.9	15.8	23.8#



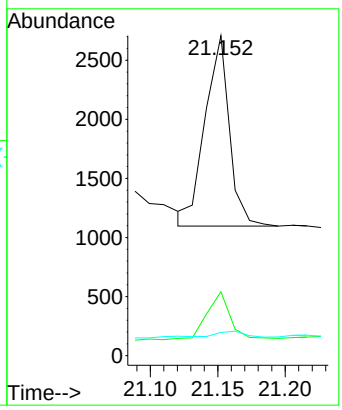
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-1-SO-1

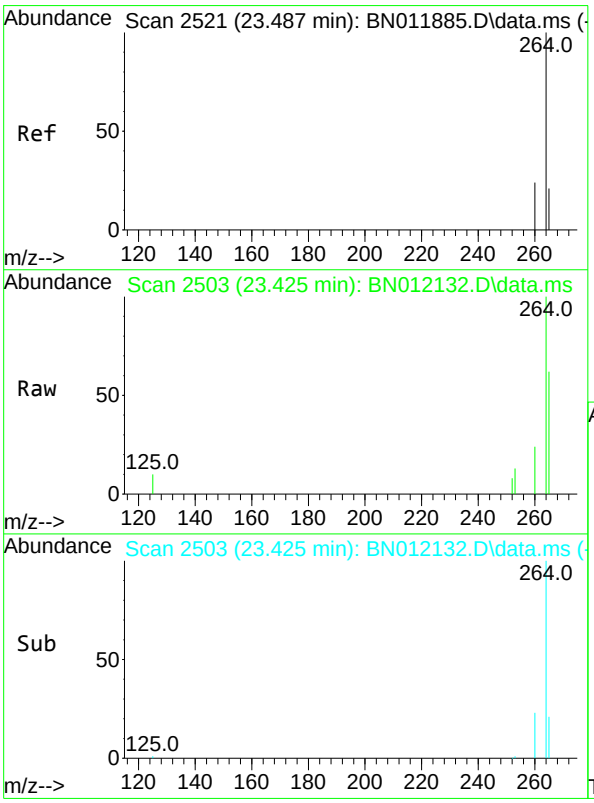


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.152 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:149 Resp: 2011

Ion	Ratio	Lower	Upper
149	100		
167	22.1	23.6	35.4#
279	3.3	4.0	6.0#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.425 min Scan# 2503
Delta R.T. -0.007 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:264 Resp: 11603

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	62.2	38.6	58.0#