Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013203.D
Acq On : 18 Dec 2020 03:54
Operator : CG/JU
Sample : L5053-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 18 04:43:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	558	0.40	ng	# 0.00
7) Naphthalene-d8	10.125	136	1706	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1163	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2576	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2751	0.40	ng	# 0.00
36) Perylene-d12	23.093	264	3011	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	196	0.09	ng	0.00
5) Phenol-d6	6.557	99	92	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	399	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.733	152	734	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	167	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1116	0.23	ng	0.00
27) Fluoranthene-d10	18.823	212	2738	0.32	ng	0.00
31) Terphenyl-d14	19.434	244	2450	0.35	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	7353	7.56	ng	92
3) n-Nitrosodimethylamine	3.255	42	119	0.07	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	34	0.07	ng	# 77
23) Atrazine	16.008	200	34	0.02	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.918	149	586	Below Cal		96

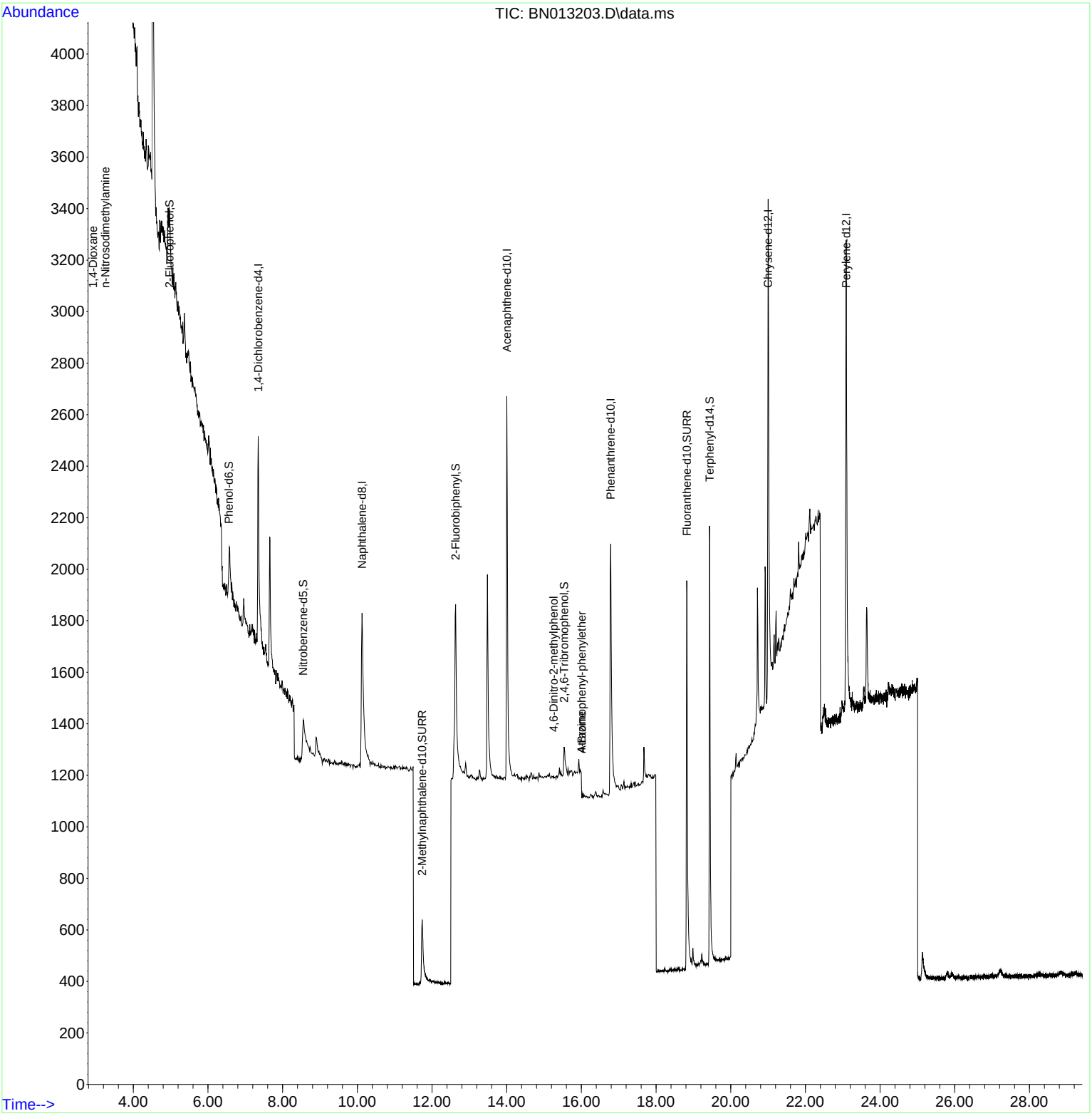
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

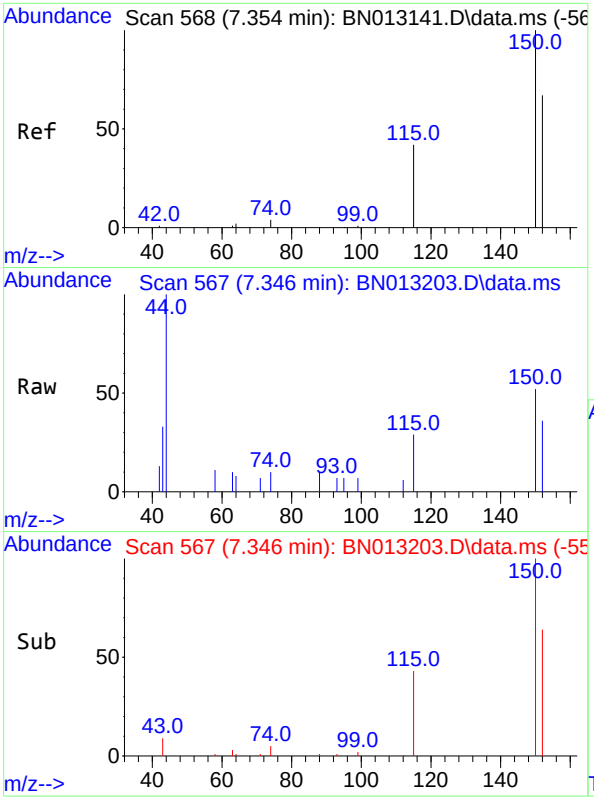
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013203.D
Acq On : 18 Dec 2020 03:54
Operator : CG/JU
Sample : L5053-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 18 04:43:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration



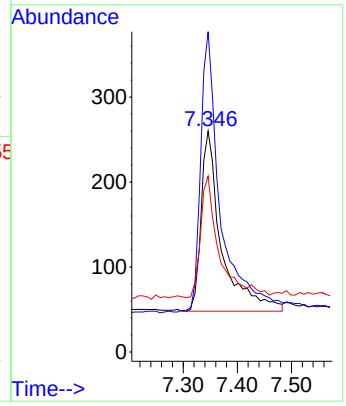
Instrument :
BNA_N
ClientSampleId :

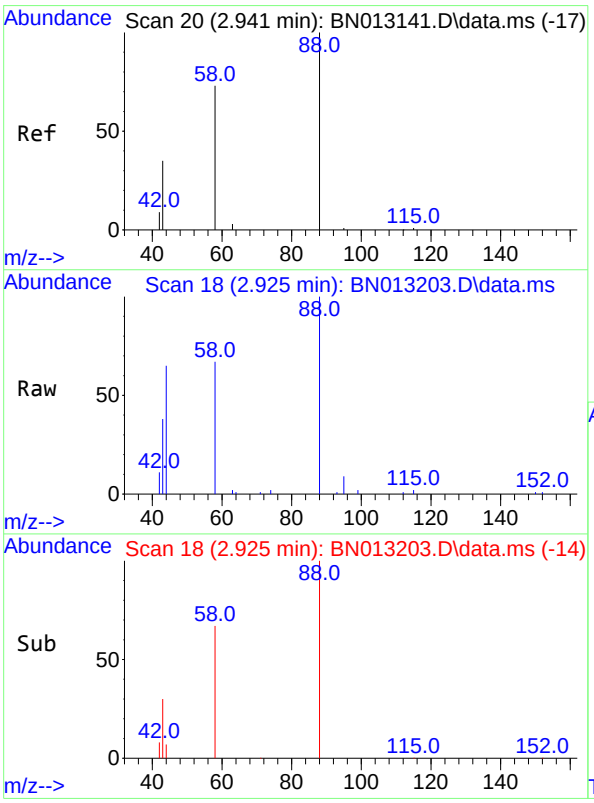


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:152 Resp: 558

Ion	Ratio	Lower	Upper
152	100		
150	145.0	116.6	174.8
115	79.6	52.9	79.3#

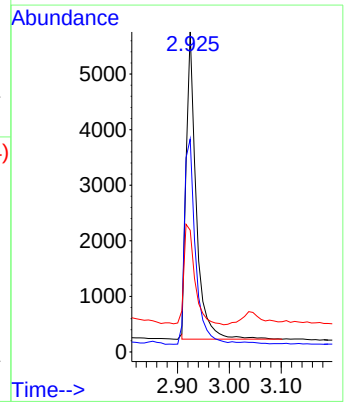




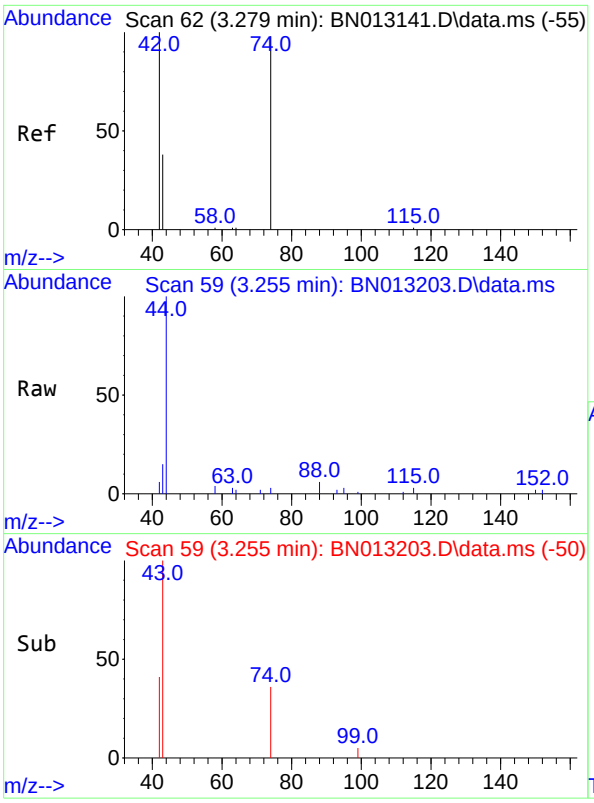
#2
1,4-Dioxane
Concen: 7.56 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 88 Resp: 7353

Ion	Ratio	Lower	Upper
88	100		
58	69.1	59.4	89.2
43	33.8	32.3	48.5



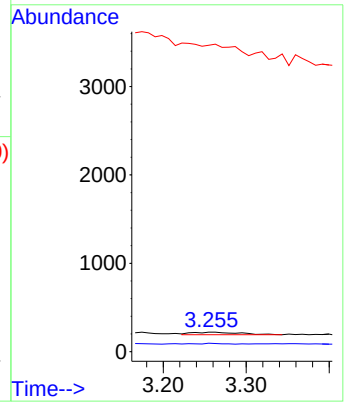
Instrument :
BNA_N
ClientSampleId :

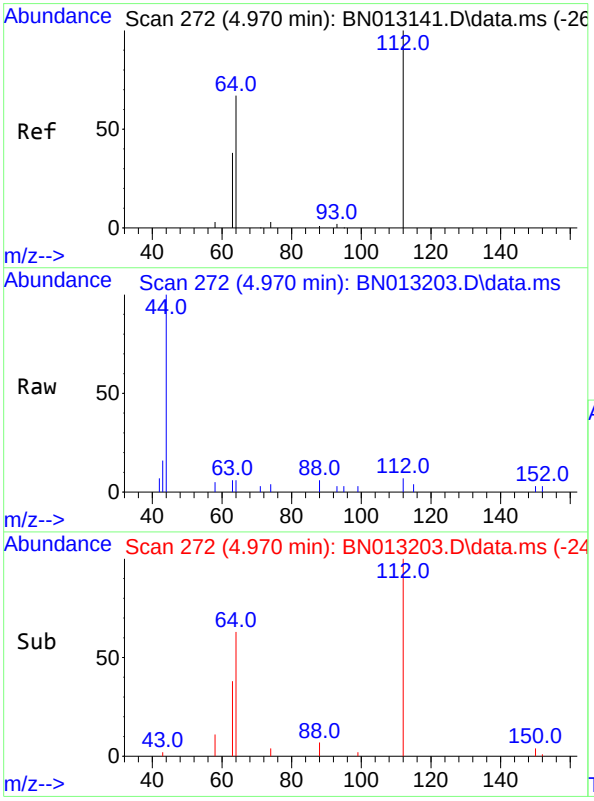


#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.255 min Scan# 59
Delta R.T. -0.024 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 42 Resp: 119

Ion	Ratio	Lower	Upper
42	100		
74	11.8	64.4	96.6#
44	0.0	2.8	4.2#

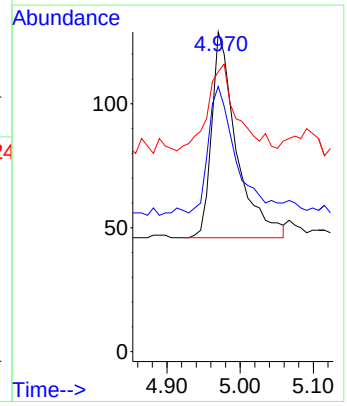


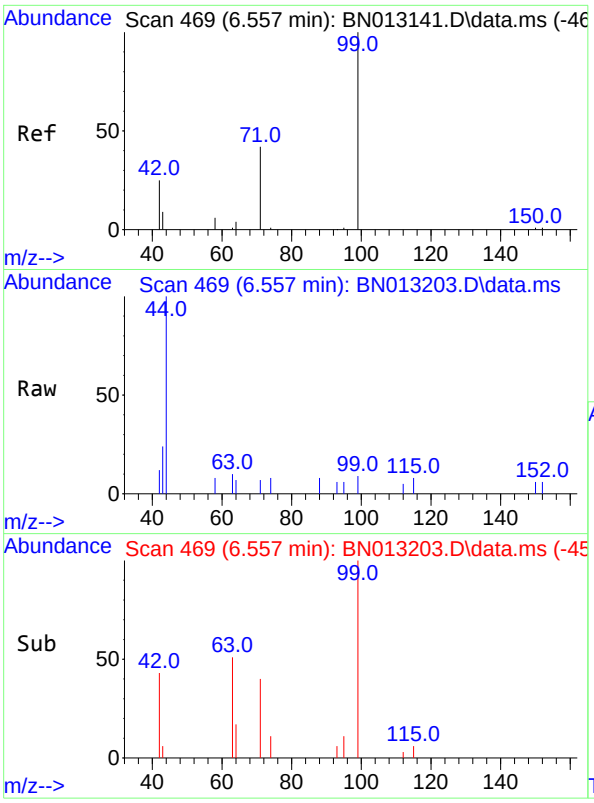


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:112 Resp: 196

Ion	Ratio	Lower	Upper
112	100		
64	71.4	49.5	74.3
63	57.7	32.0	48.0#

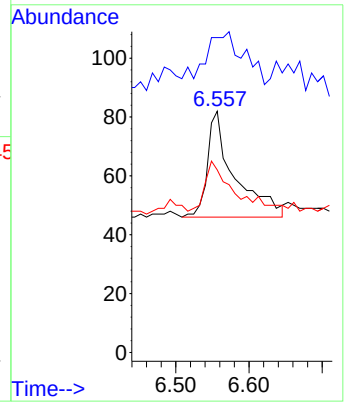




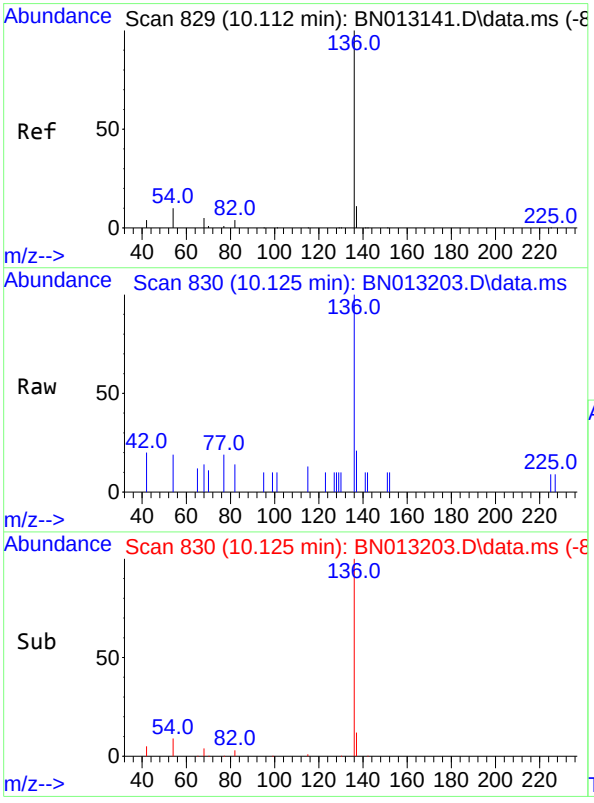
#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 99 Resp: 92

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	52.2	37.8	56.6



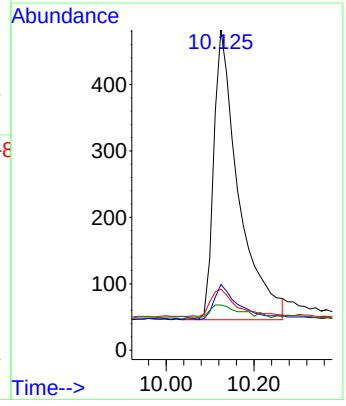
Instrument :
BNA_N
ClientSampleId :

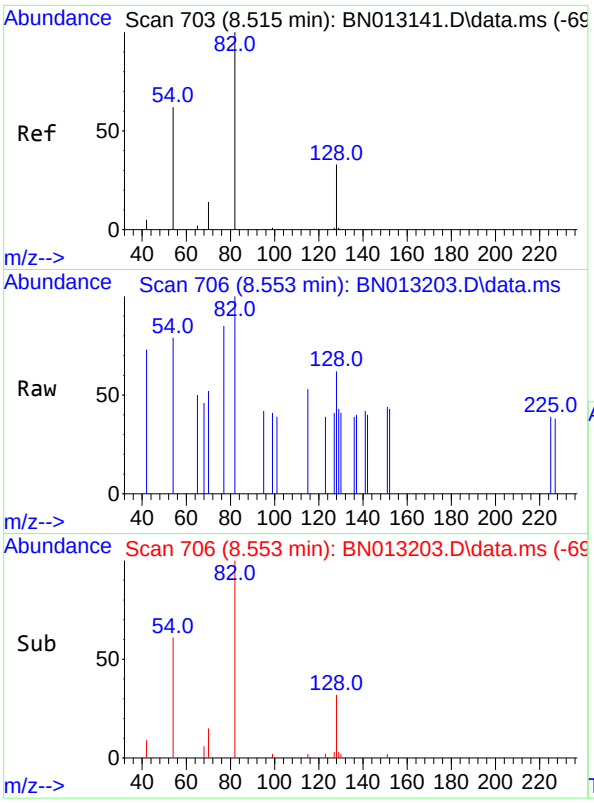


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:136 Resp: 1706

Ion	Ratio	Lower	Upper
136	100		
137	20.5	10.6	15.8#
54	19.1	8.6	12.8#
68	14.1	5.7	8.5#

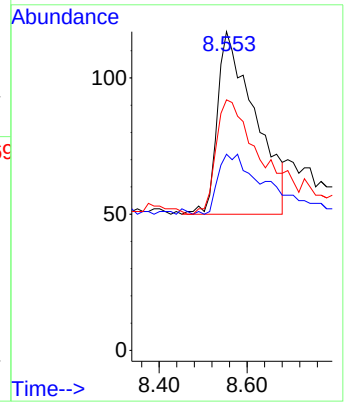




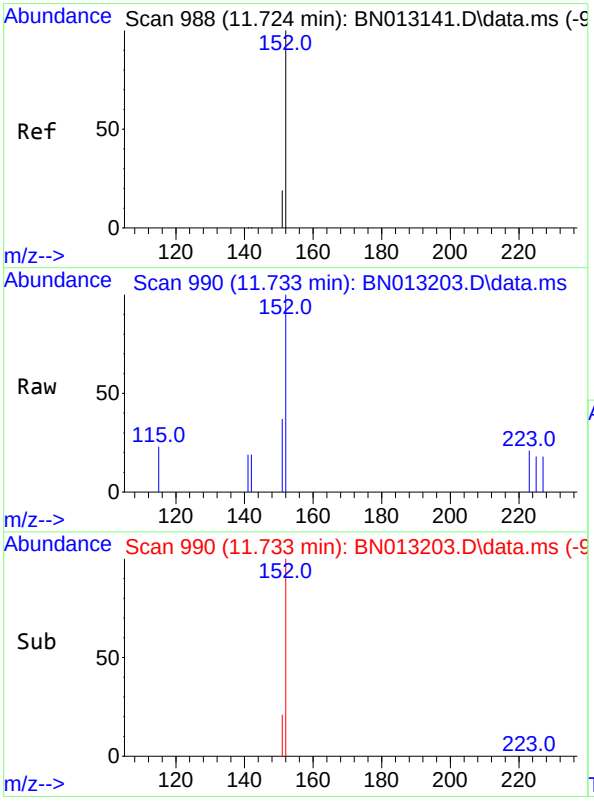
#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 82 Resp: 399

Ion	Ratio	Lower	Upper
82	100		
128	61.5	30.6	46.0#
54	78.6	48.3	72.5#



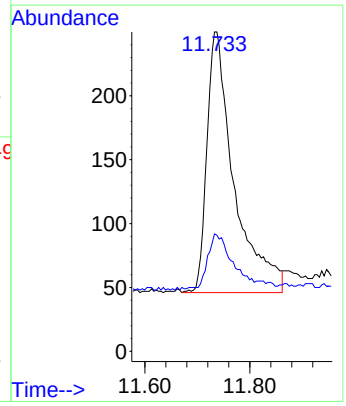
Instrument :
BNA_N
ClientSampleId :



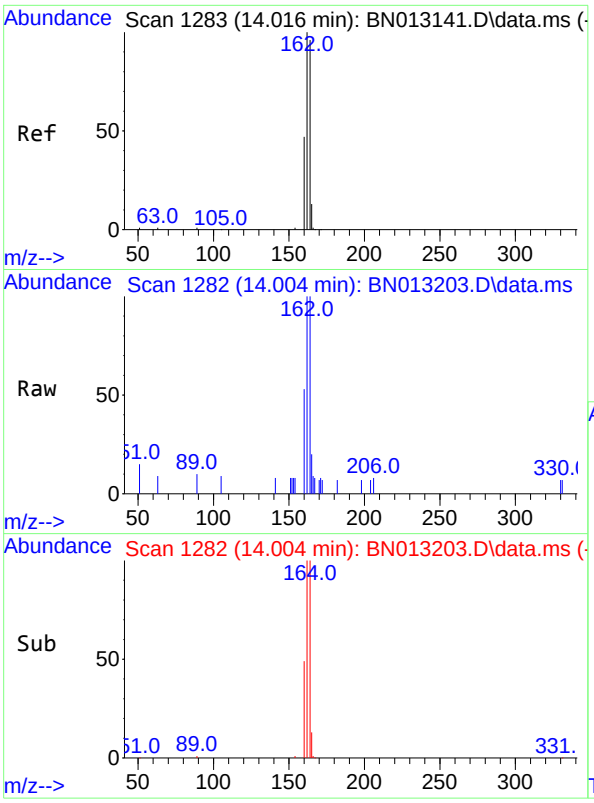
#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.005 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:152 Resp: 734

Ion	Ratio	Lower	Upper
152	100		
151	17.8	16.7	25.1



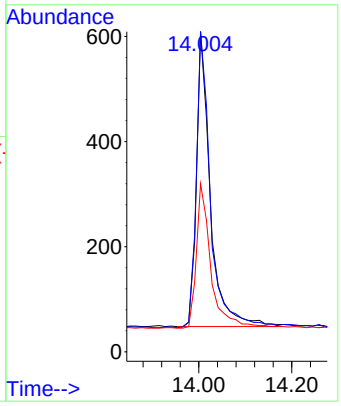
Instrument :
BNA_N
ClientSampleId :

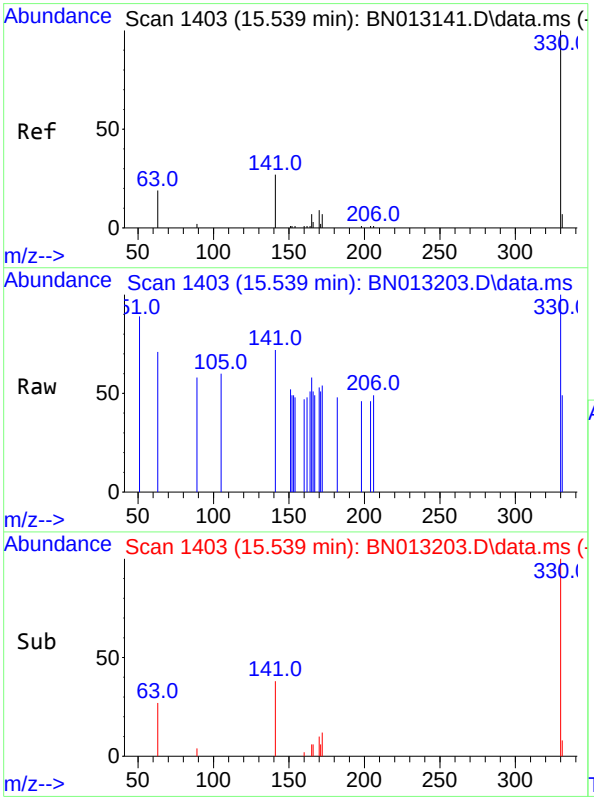


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:164 Resp: 1163

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	52.5	39.5	59.3

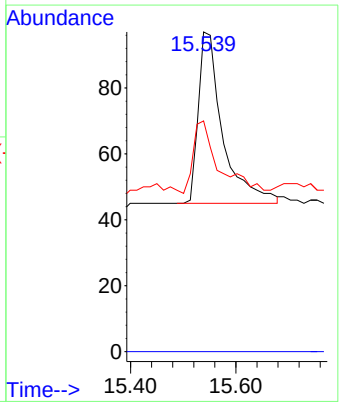


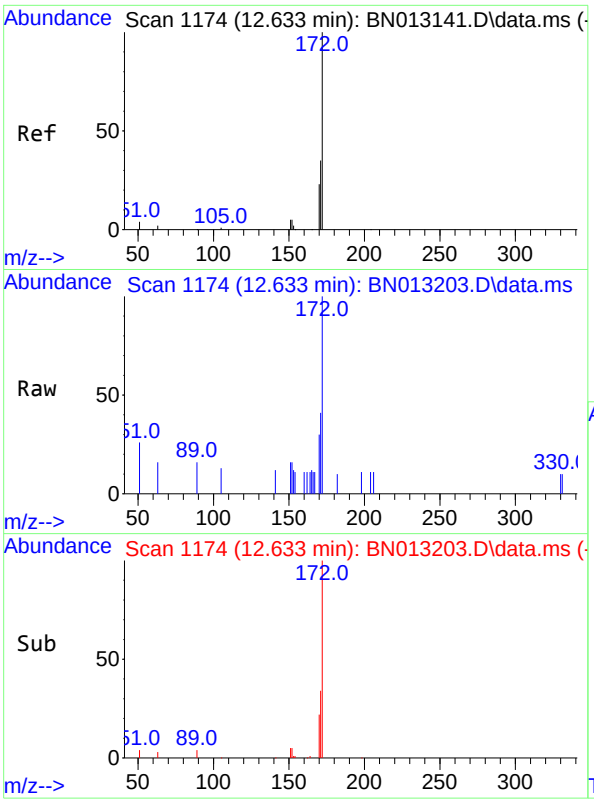


#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:330 Resp: 167

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.9	34.4	51.6

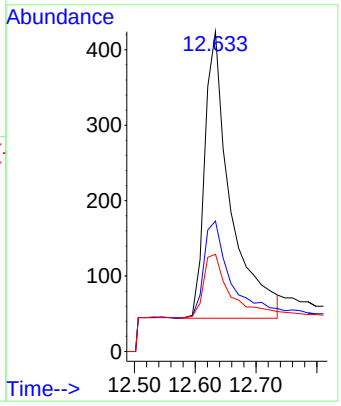




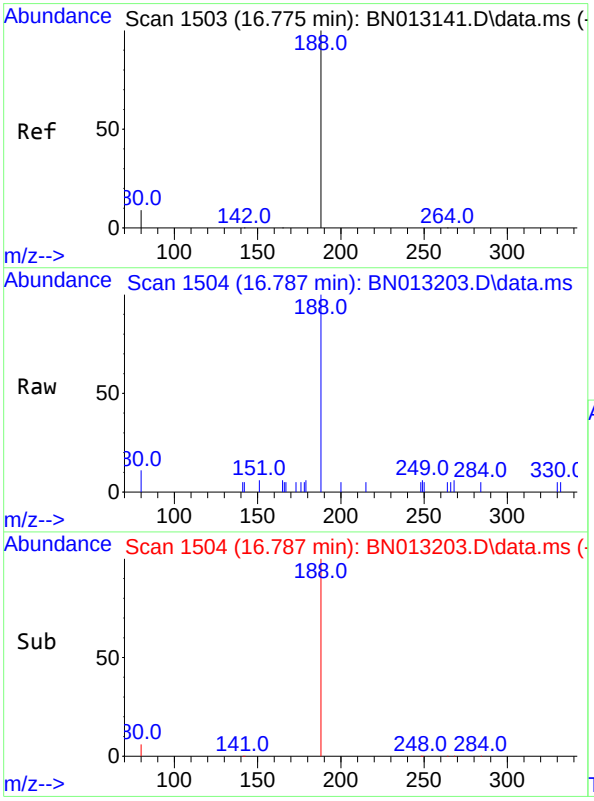
#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:172 Resp: 1116

Ion	Ratio	Lower	Upper
172	100		
171	40.8	28.2	42.4
170	30.4	20.0	30.0#



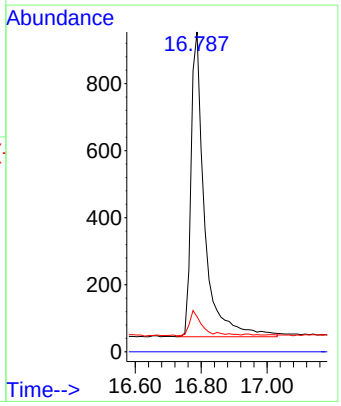
Instrument :
BNA_N
ClientSampleId :

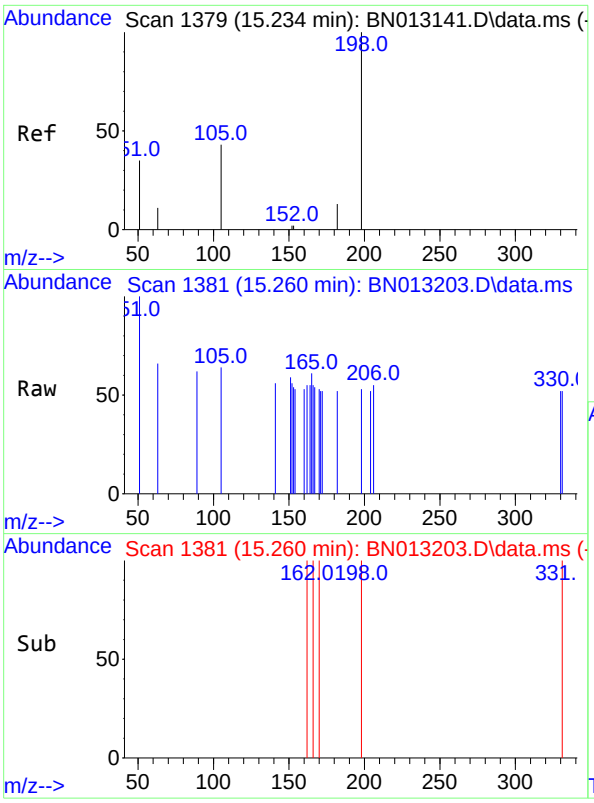


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:188 Resp: 2576

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	5.0	7.4#

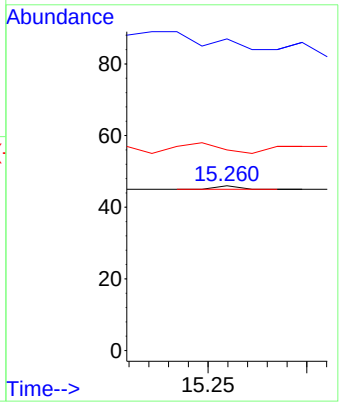




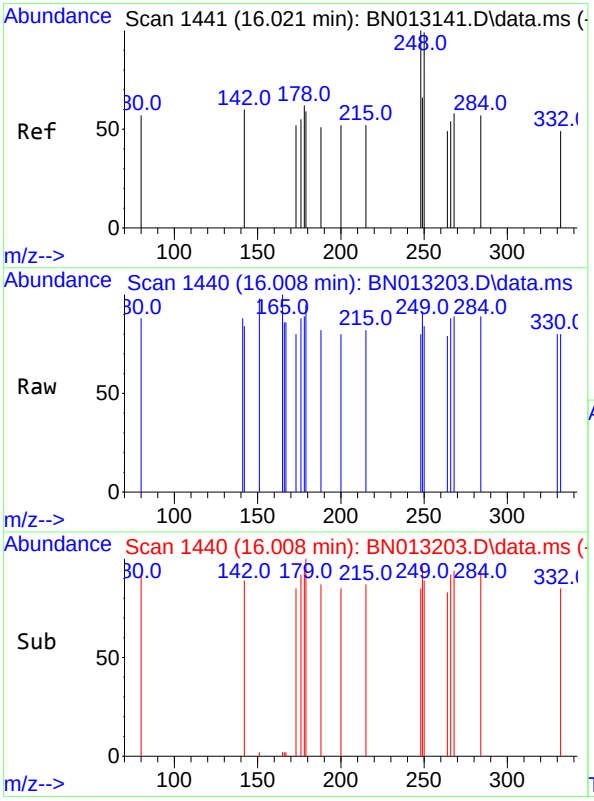
#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	189.1	43.5	65.3#
105	121.7	27.2	40.8#



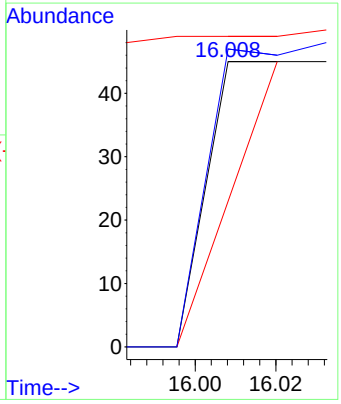
Instrument :
BNA_N
ClientSampleId :

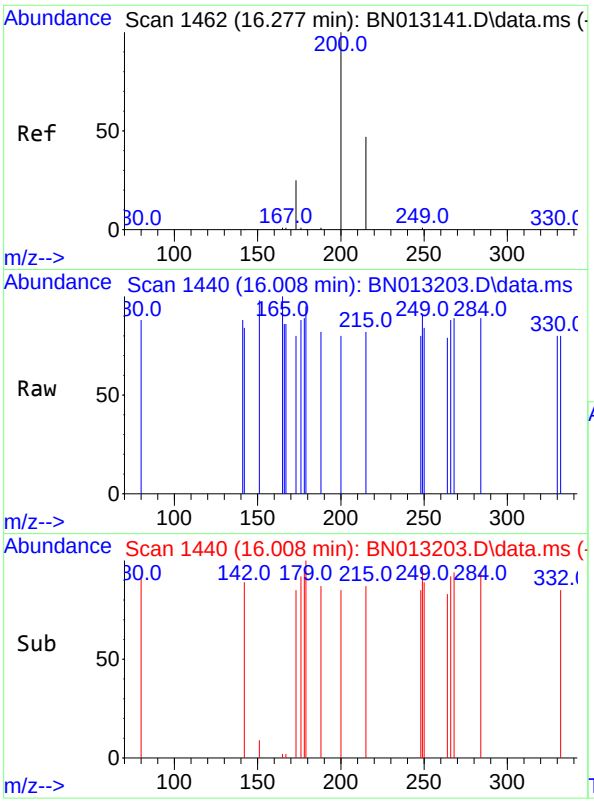


#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:248 Resp: 34

Ion	Ratio	Lower	Upper
248	100		
250	104.4	77.3	115.9
141	108.9	57.8	86.8#

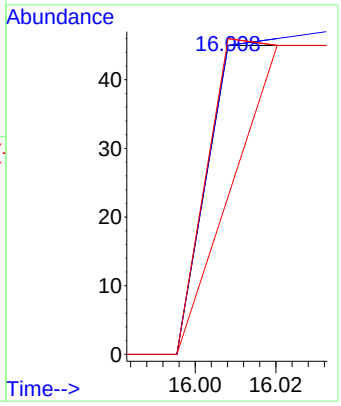




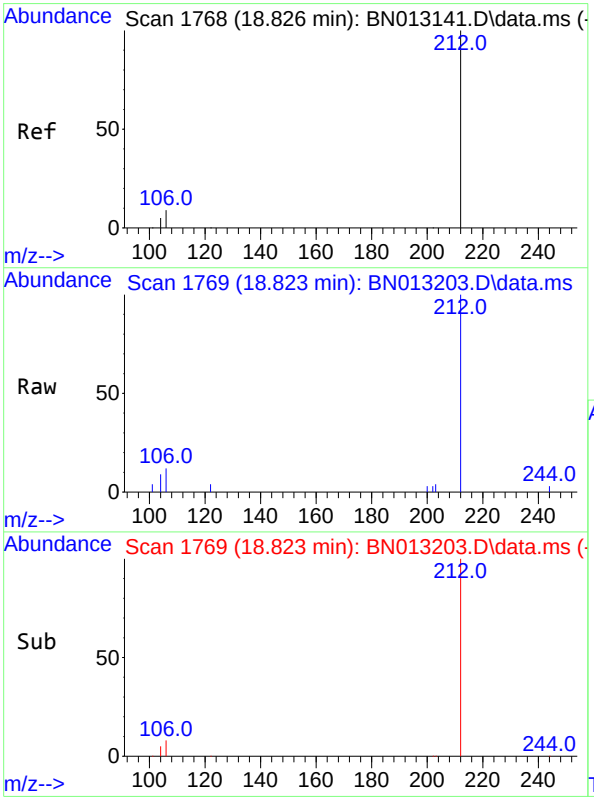
#23
Atrazine
Concen: 0.02 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:200 Resp: 34

Ion	Ratio	Lower	Upper
200	100		
173	100.0	22.8	34.2#
215	102.2	38.1	57.1#



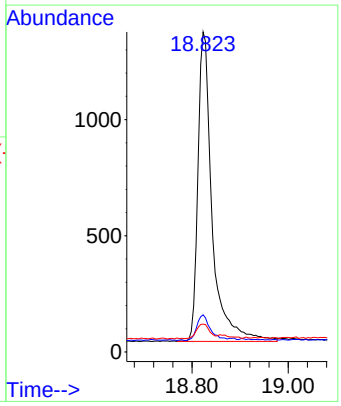
Instrument :
BNA_N
ClientSampleId :



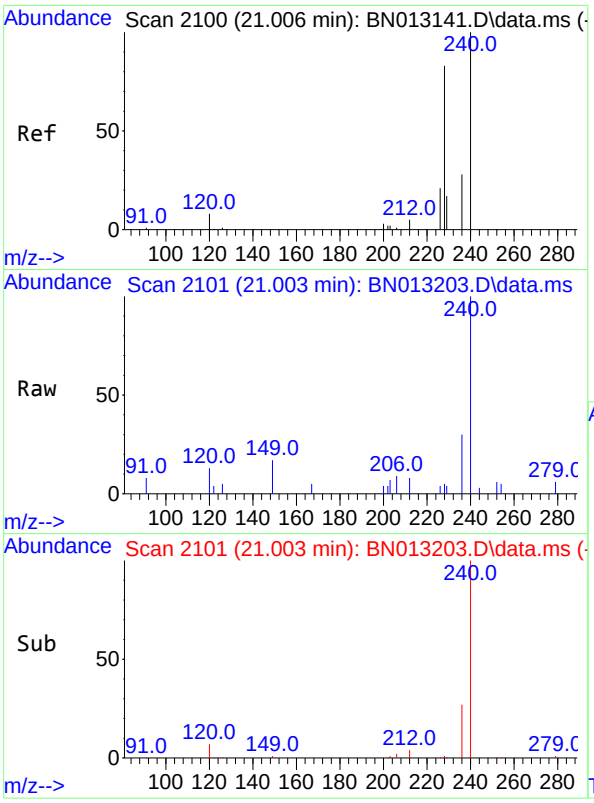
#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.823 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:212 Resp: 2738

Ion	Ratio	Lower	Upper
212	100		
106	7.7	6.8	10.2
104	4.3	4.1	6.1



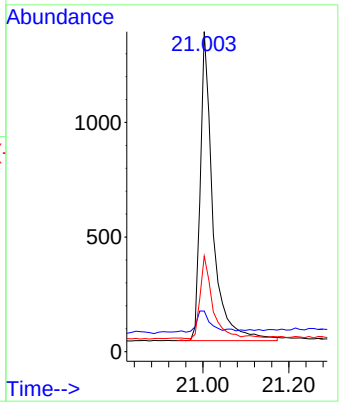
Instrument :
BNA_N
ClientSampleId :

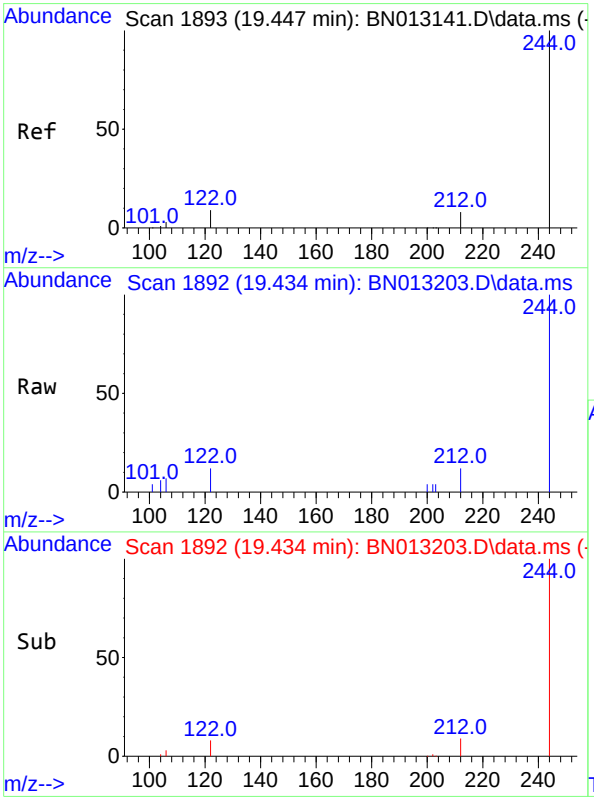


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:240 Resp: 2751

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.3	7.9#
236	29.9	21.8	32.8

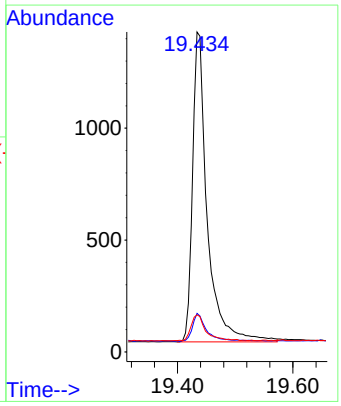


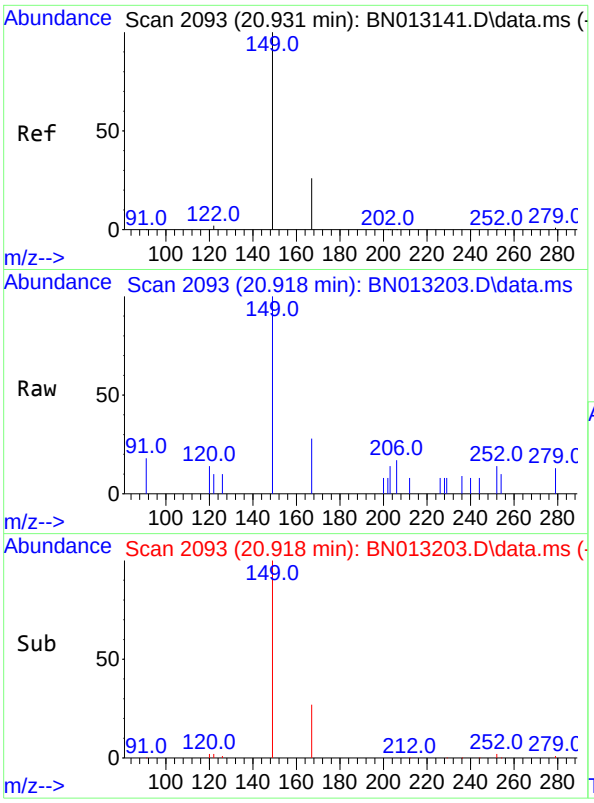


#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.434 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:244 Resp: 2450

Ion	Ratio	Lower	Upper
244	100		
212	12.0	7.3	10.9#
122	11.6	7.3	10.9#

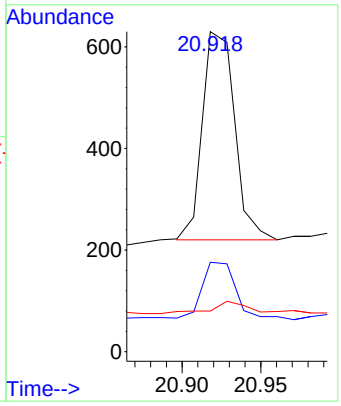




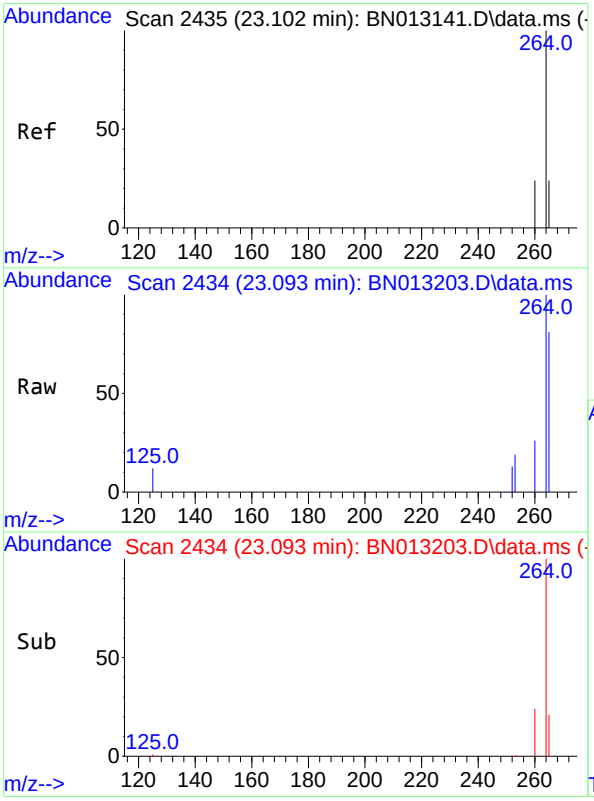
#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:149 Resp: 586

Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.2	34.8
279	4.1	3.9	5.9



Instrument :
BNA_N
ClientSampleId :



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.093 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:264 Resp: 3011

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.8	29.6
265	80.8	51.4	77.0#