Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013185.D
Acq On : 17 Dec 2020 14:37
Operator : CG/JU
Sample : L5053-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 17 15:07:08 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	903	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2690	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1504	0.40	ng	0.01
19) Phenanthrene-d10	16.788	188	3228	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	3466	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3981	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	300	0.08	ng	0.00
5) Phenol-d6	6.557	99	146	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	583	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	11.746	152	910	0.19	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	200	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1302	0.21	ng	0.00
27) Fluoranthene-d10	18.831	212	3416	0.32	ng	0.00
31) Terphenyl-d14	19.441	244	2892	0.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	3863	2.45	ng	# 89
3) n-Nitrosodimethylamine	3.223	42	89	0.03	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.298	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	101	0.16	ng	# 76
23) Atrazine	16.021	200	135	0.07	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	482	Below Cal		100

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

Quantitation Report (Not Reviewed)

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Acq On : 17 Dec 2020 14:37
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Sample : L5053-08
Misc :
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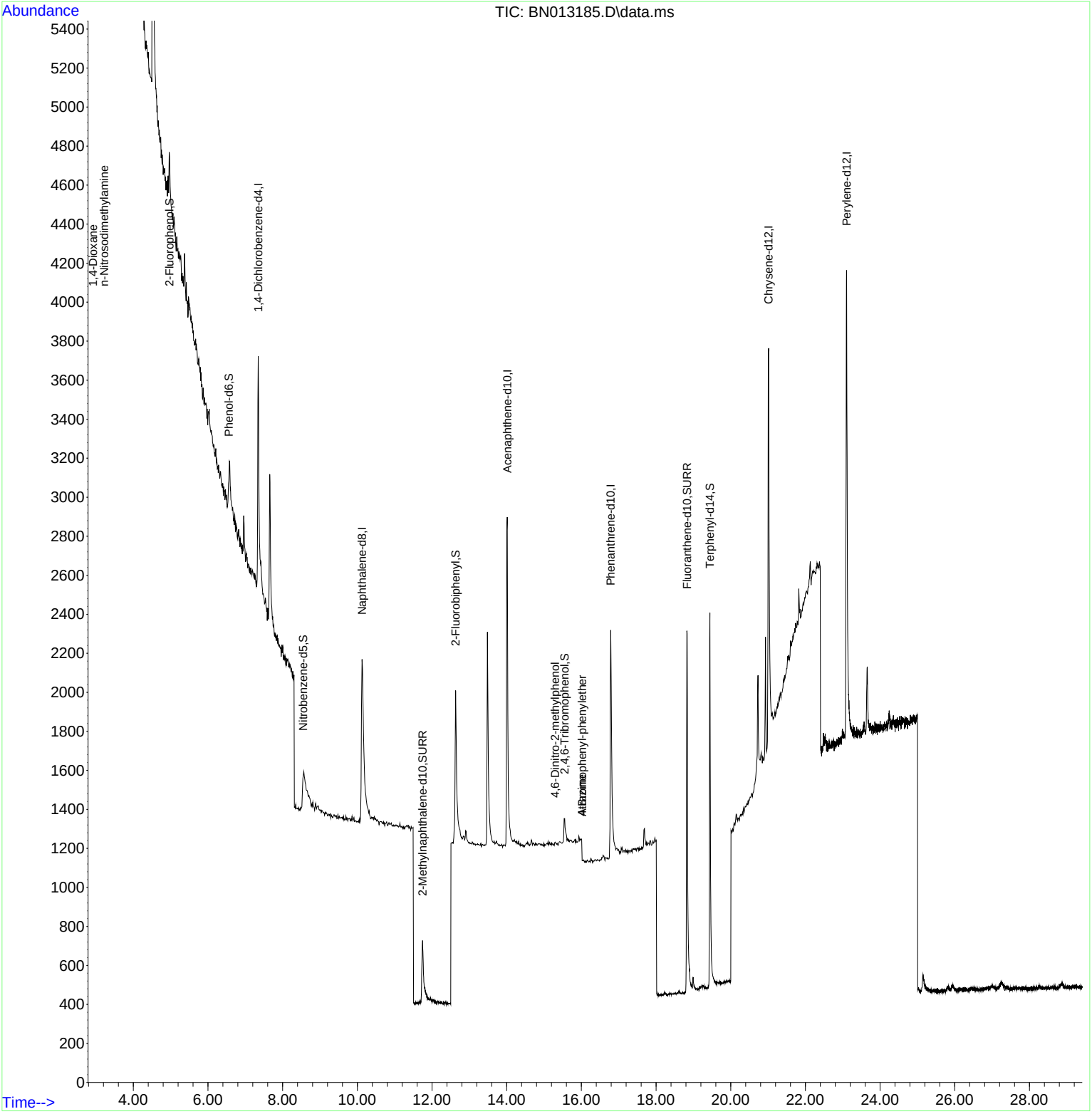
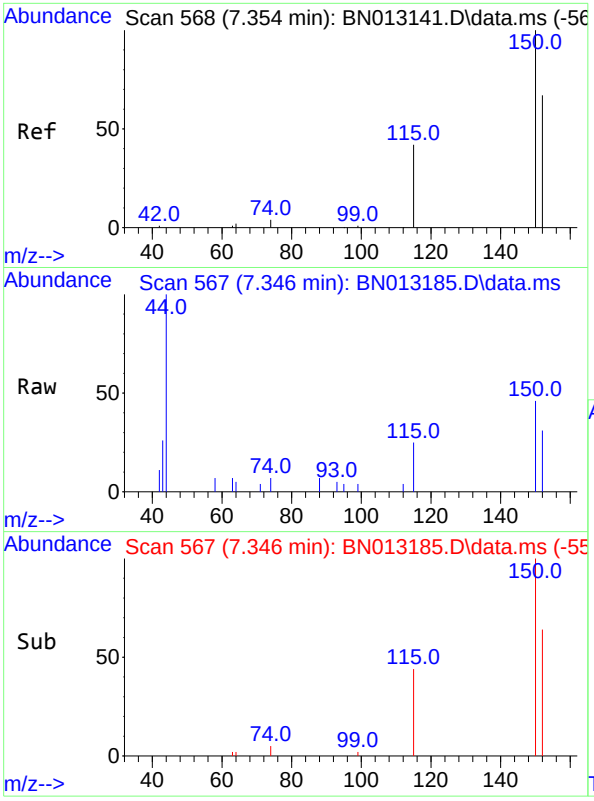
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

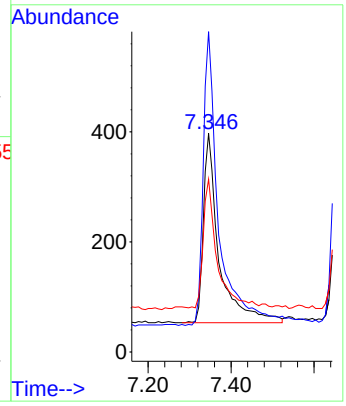




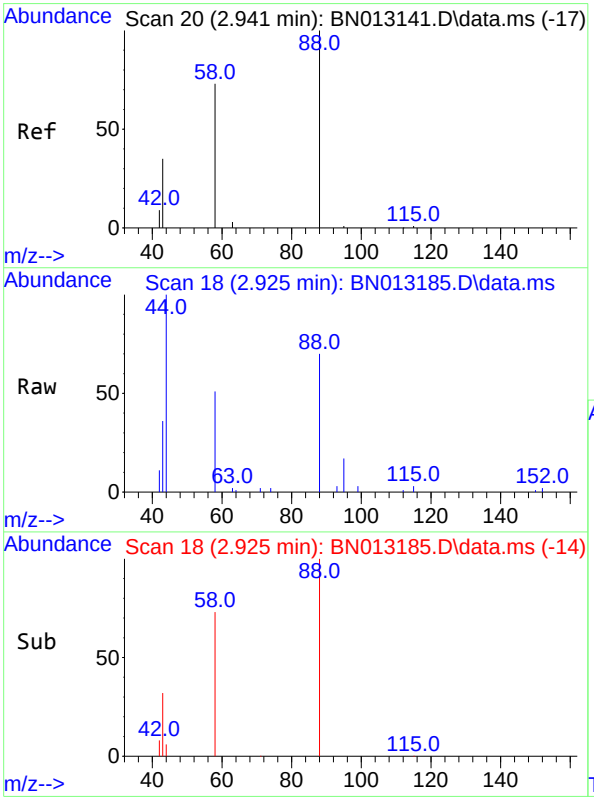
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:152 Resp: 903

Ion	Ratio	Lower	Upper
152	100		
150	146.6	116.6	174.8
115	79.1	52.9	79.3



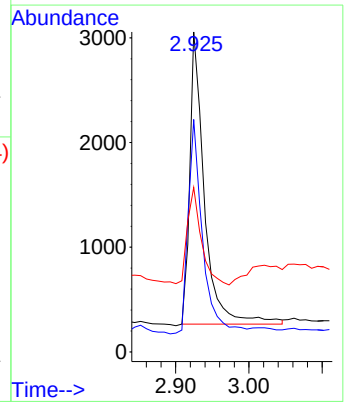
Instrument :
BNA_N
ClientSampleId :



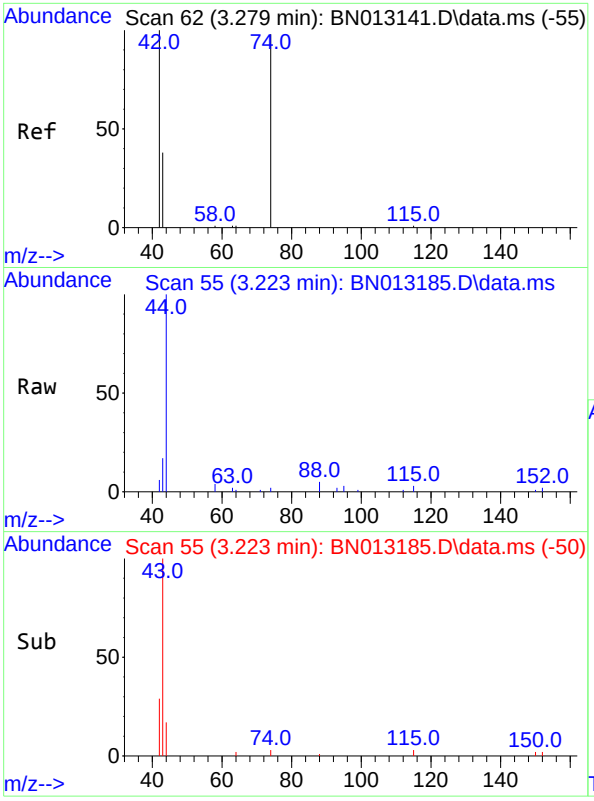
#2
1,4-Dioxane
Concen: 2.45 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion: 88 Resp: 3863

Ion	Ratio	Lower	Upper
88	100		
58	67.1	59.4	89.2
43	30.9	32.3	48.5#



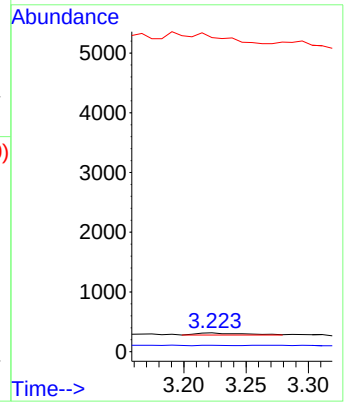
Instrument :
BNA_N
ClientSampleId :

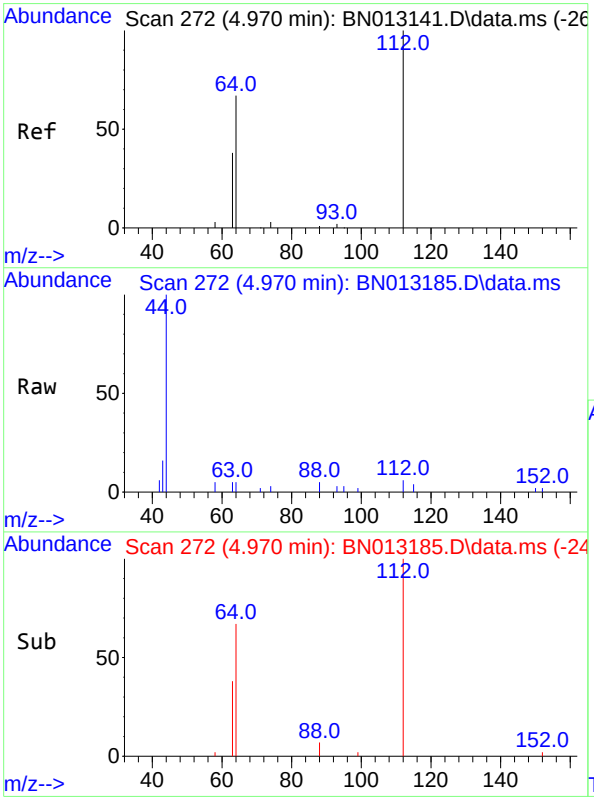


#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.056 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion: 42 Resp: 89

Ion	Ratio	Lower	Upper
42	100		
74	12.4	64.4	96.6#
44	0.0	2.8	4.2#

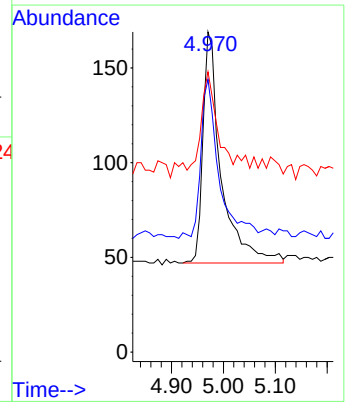


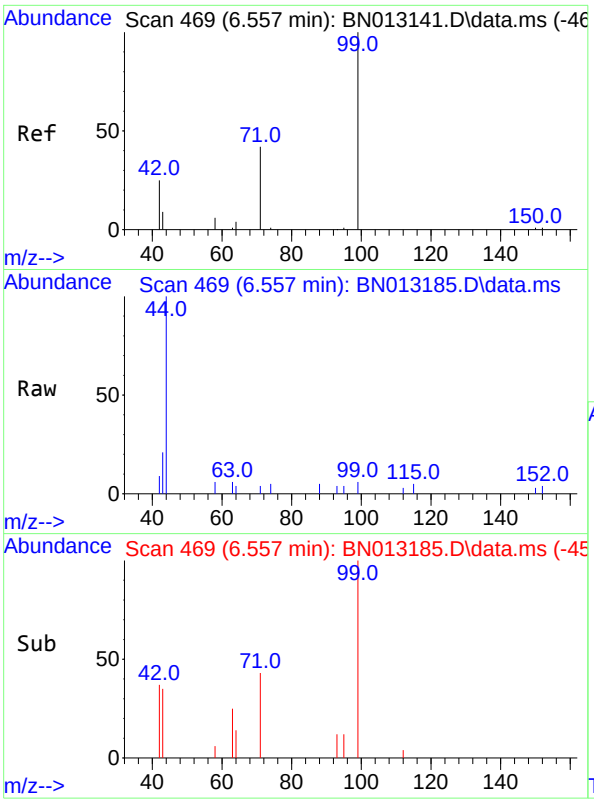


#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:112 Resp: 300

Ion	Ratio	Lower	Upper
112	100		
64	68.3	49.5	74.3
63	35.0	32.0	48.0

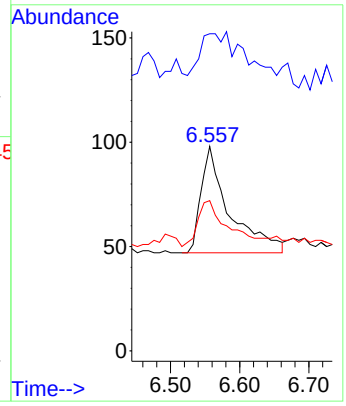




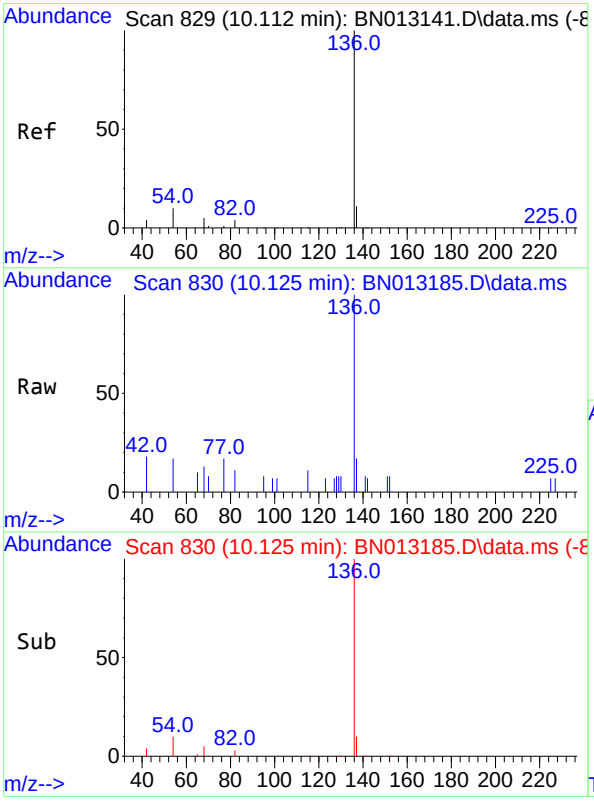
#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion: 99 Resp: 146

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	44.5	37.8	56.6



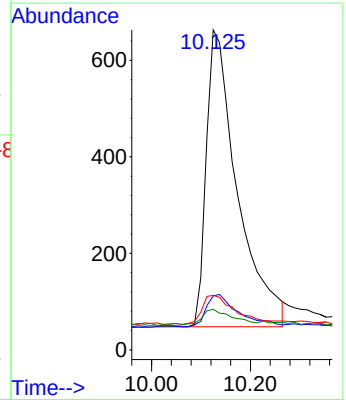
Instrument :
BNA_N
ClientSampleId :

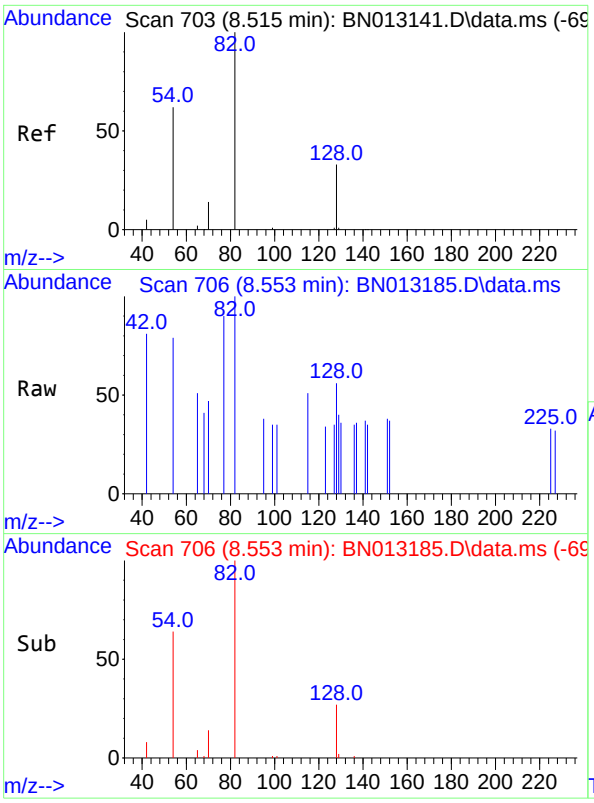


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:136 Resp: 2690

Ion	Ratio	Lower	Upper
136	100		
137	16.9	10.6	15.8#
54	17.0	8.6	12.8#
68	12.7	5.7	8.5#

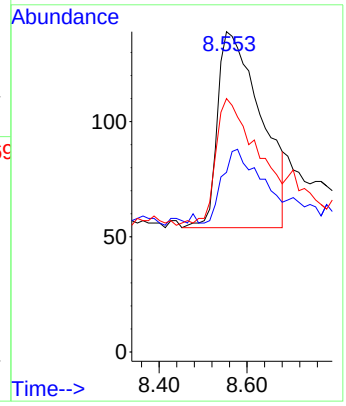




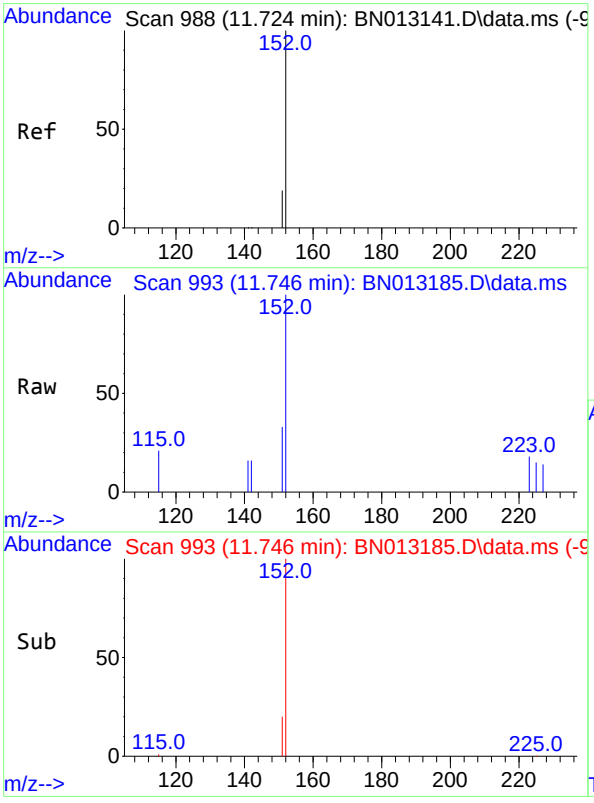
#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion: 82 Resp: 583

Ion	Ratio	Lower	Upper
82	100		
128	56.1	30.6	46.0#
54	79.1	48.3	72.5#



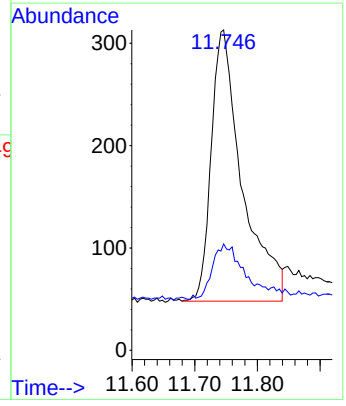
Instrument :
BNA_N
ClientSampleId :



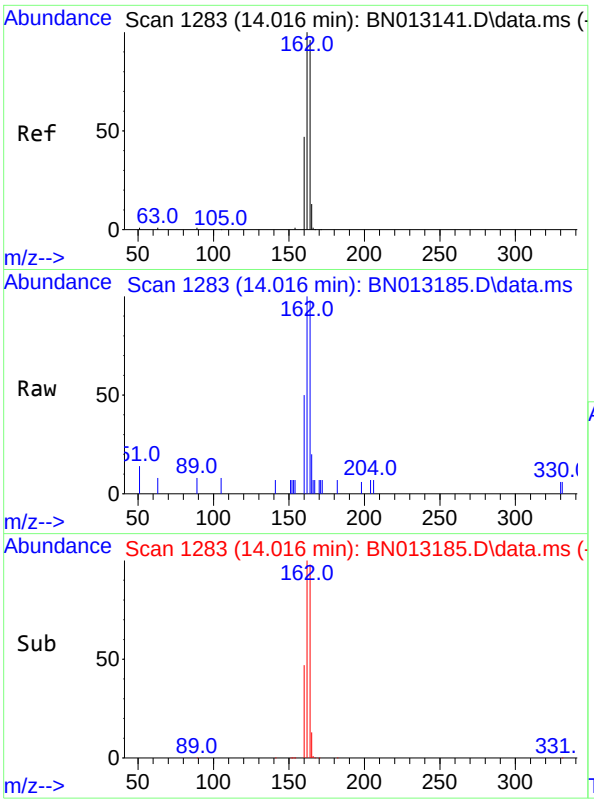
#11
2-Methylnaphthalene-d10
Concen: 0.19 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.018 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:152 Resp: 910

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1



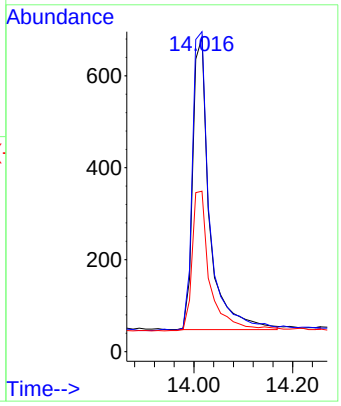
Instrument :
BNA_N
ClientSampleId :

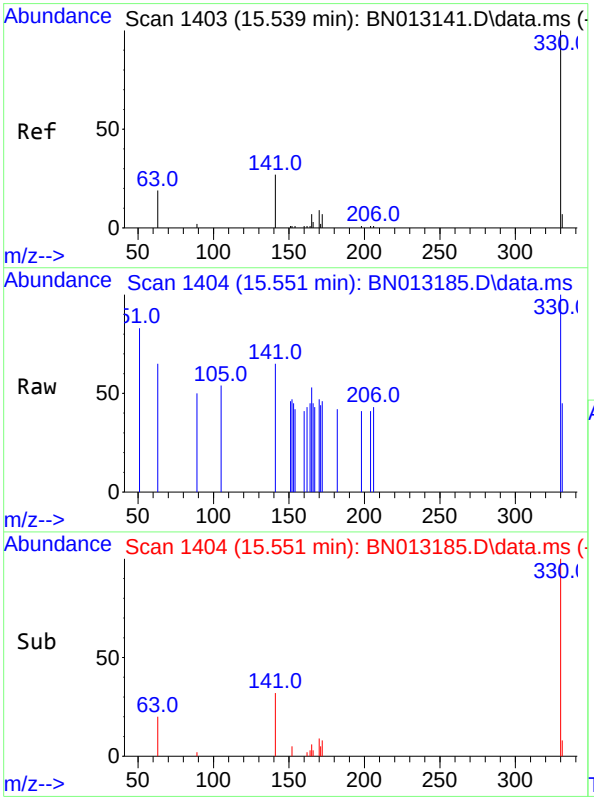


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:164 Resp: 1504

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	51.0	39.5	59.3

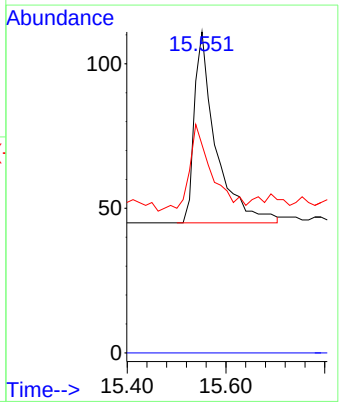




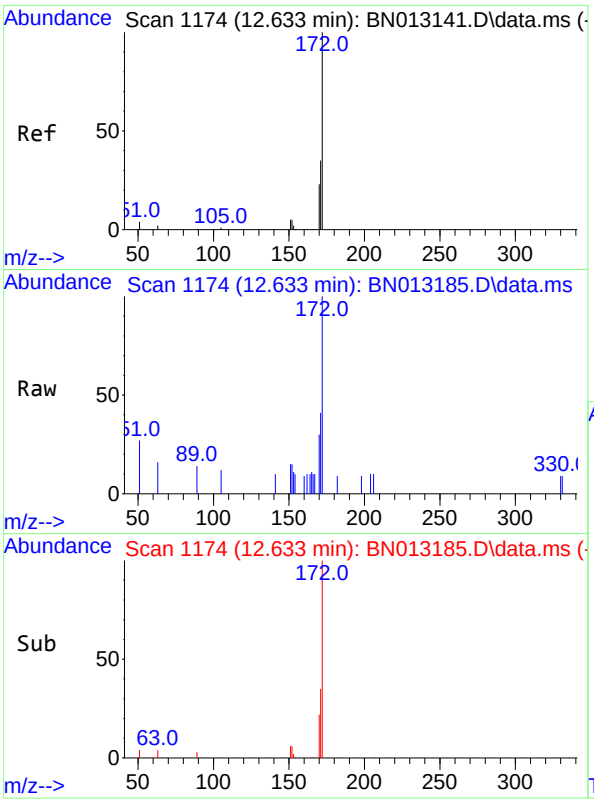
#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:330 Resp: 200

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.0	34.4	51.6



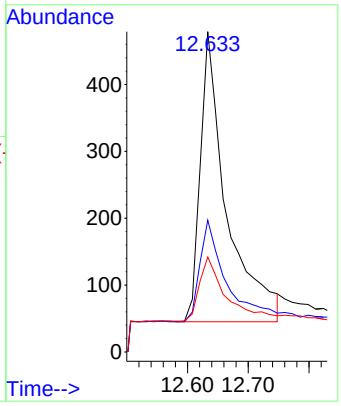
Instrument :
BNA_N
ClientSampleId :

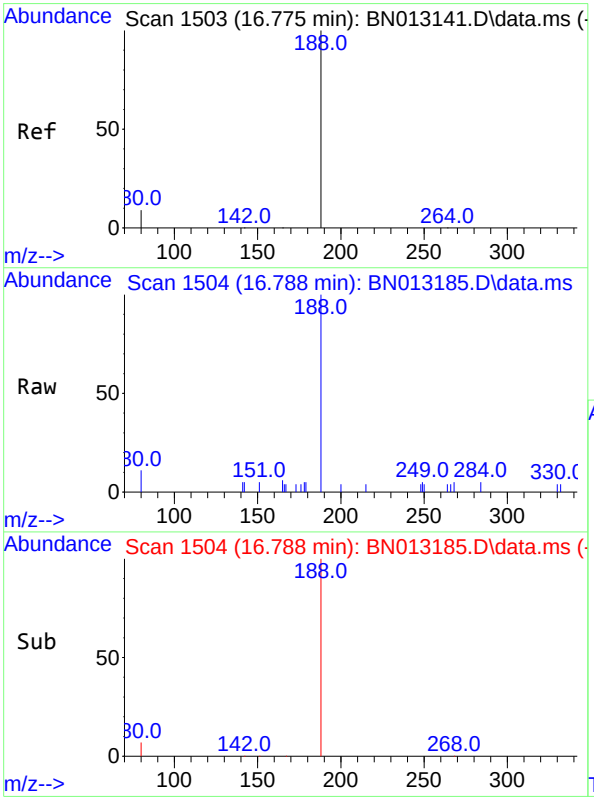


#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:172 Resp: 1302

Ion	Ratio	Lower	Upper
172	100		
171	41.1	28.2	42.4
170	29.6	20.0	30.0

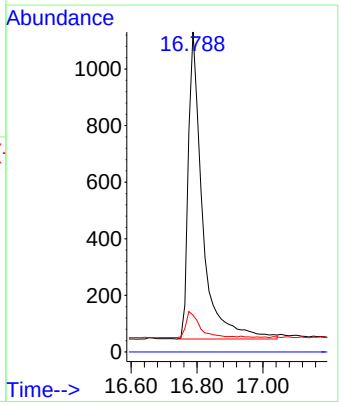


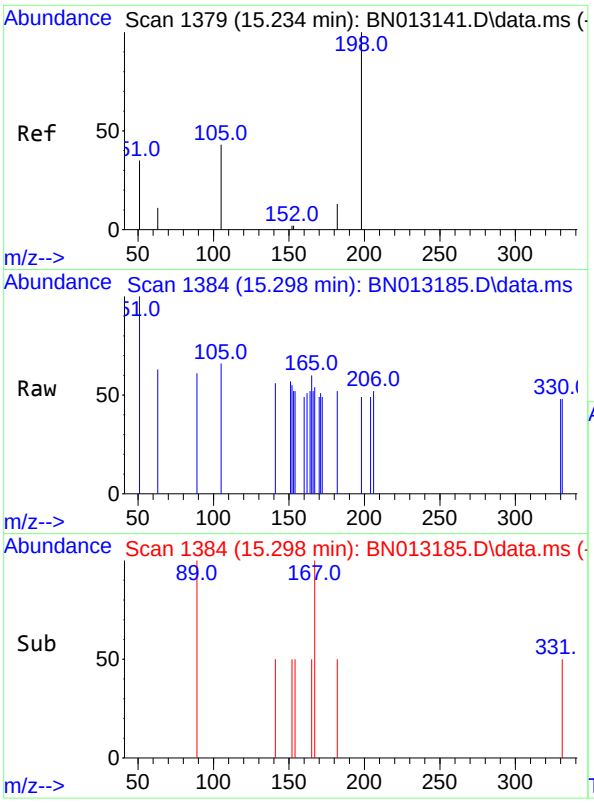


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:188 Resp: 3228

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	5.0	7.4#

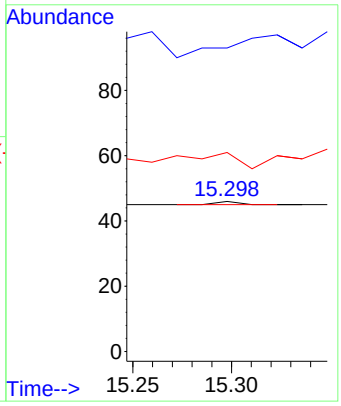




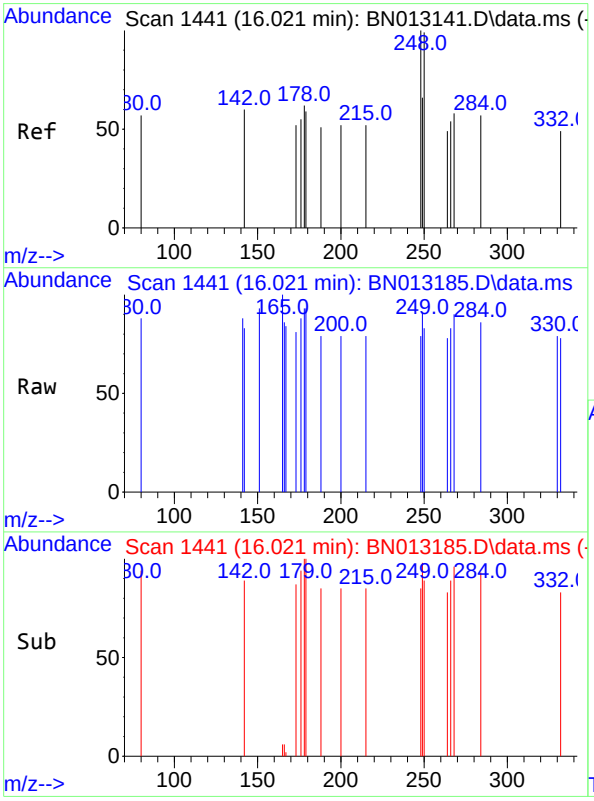
#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. 0.051 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	202.2	43.5	65.3#
105	132.6	27.2	40.8#



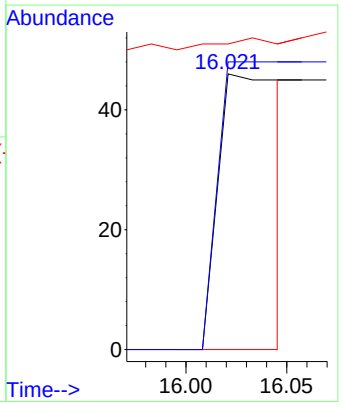
Instrument :
BNA_N
ClientSampleId :

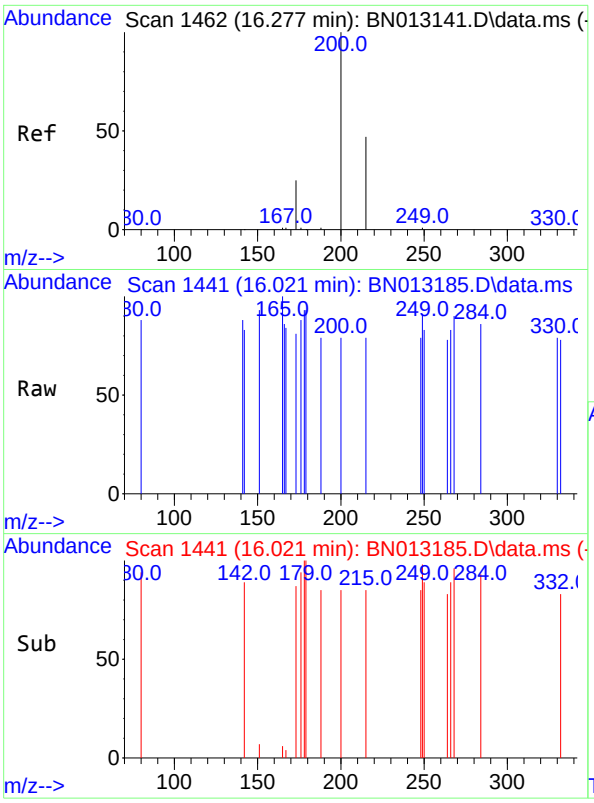


#21
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:248 Resp: 101

Ion	Ratio	Lower	Upper
248	100		
250	104.3	77.3	115.9
141	110.9	57.8	86.8#

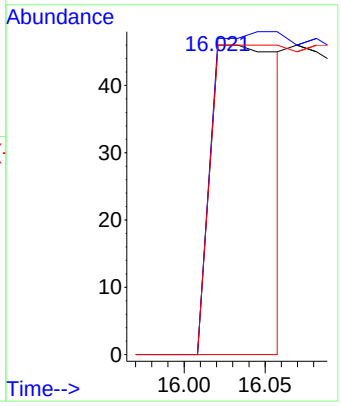




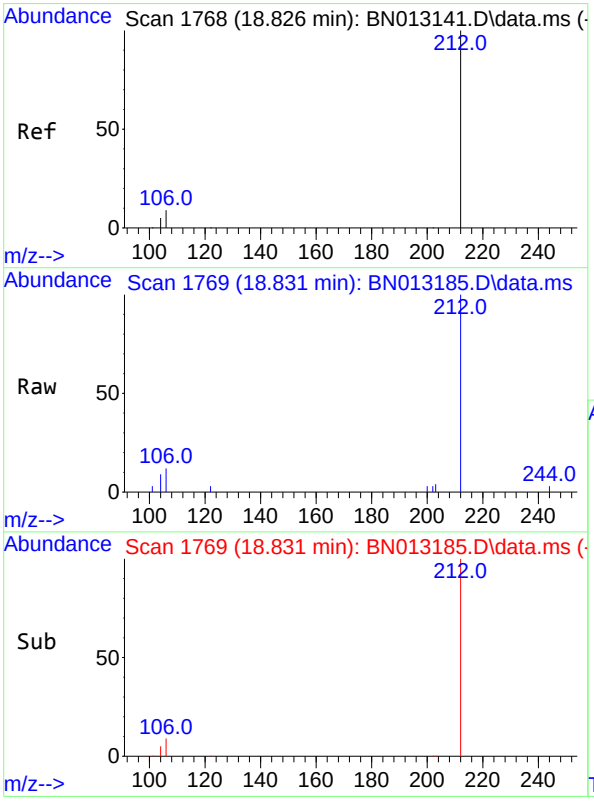
#23
Atrazine
Concen: 0.07 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.255 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:200 Resp: 135

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



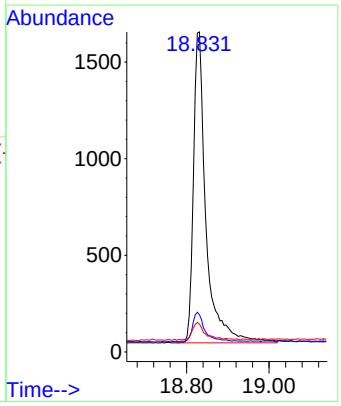
Instrument :
BNA_N
ClientSampleId :

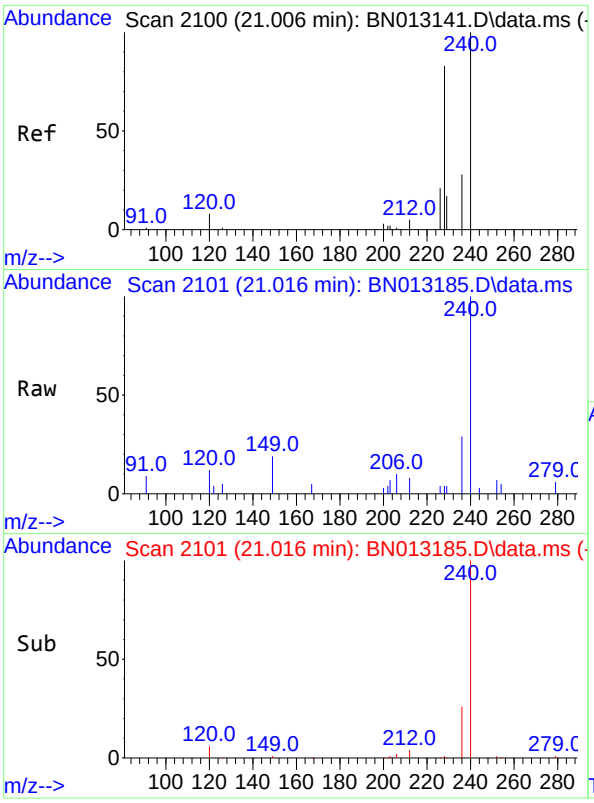


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:212 Resp: 3416

Ion	Ratio	Lower	Upper
212	100		
106	9.3	6.8	10.2
104	5.9	4.1	6.1

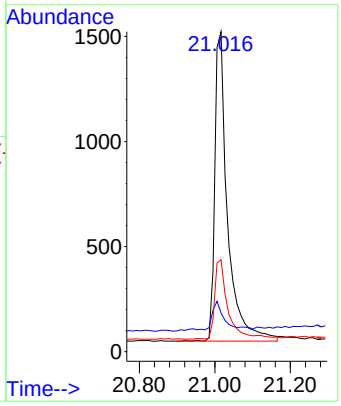




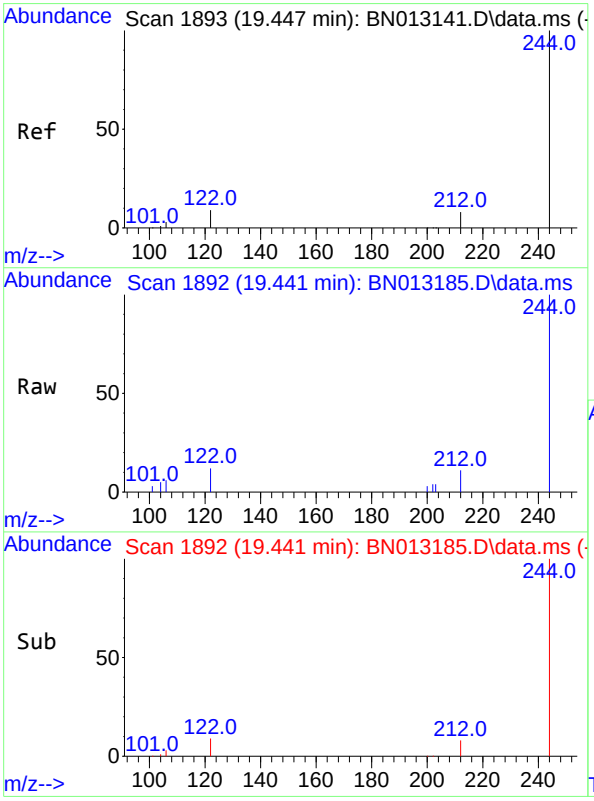
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:240 Resp: 3466

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.3	7.9#
236	28.8	21.8	32.8



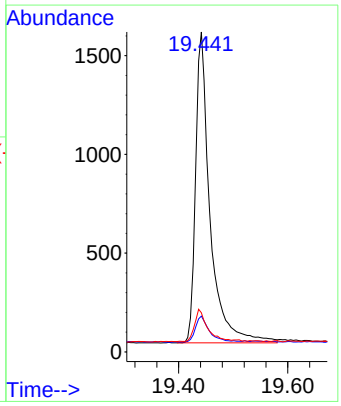
Instrument :
BNA_N
ClientSampleId :

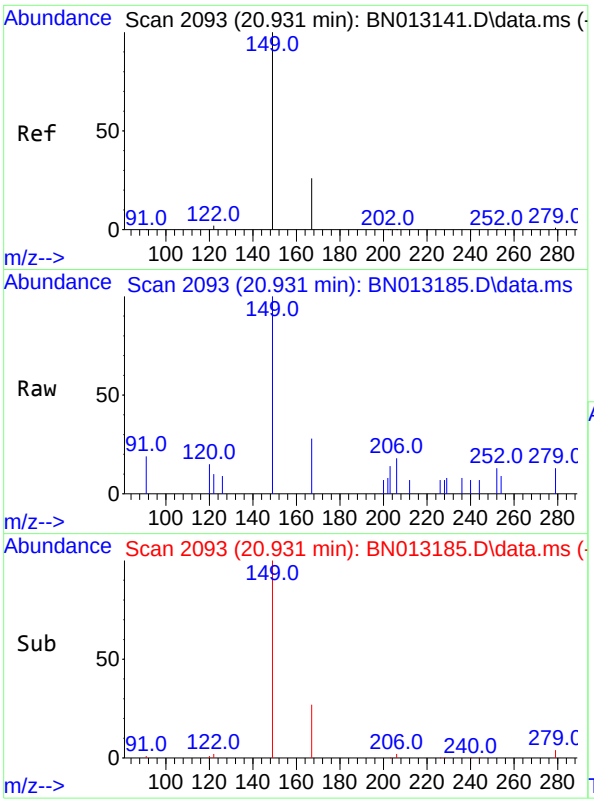


#31
Terphenyl-d14
Concen: 0.33 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:244 Resp: 2892

Ion	Ratio	Lower	Upper
244	100		
212	11.2	7.3	10.9#
122	12.2	7.3	10.9#

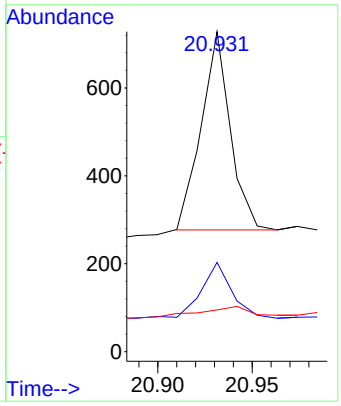




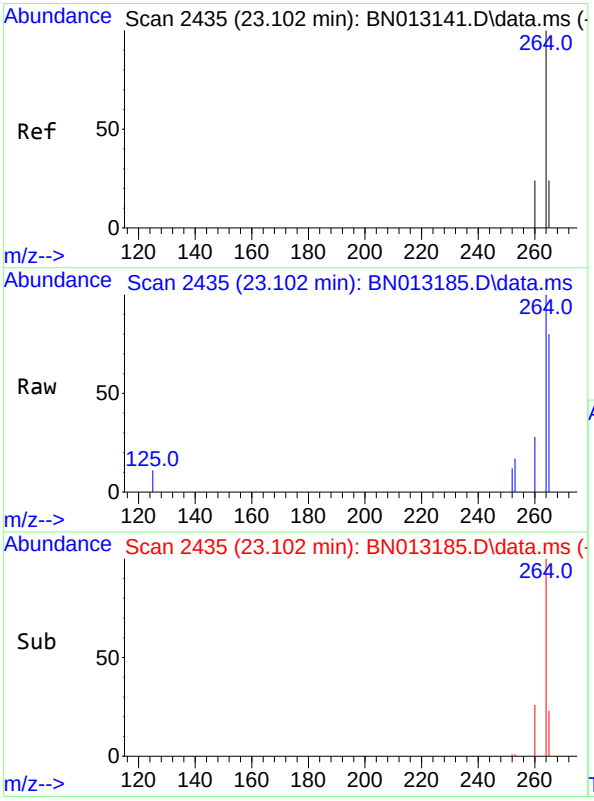
#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:149 Resp: 482

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	5.0	3.9	5.9



Instrument :
BNA_N
ClientSampleId :



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:264 Resp: 3981

Ion	Ratio	Lower	Upper
264	100		
260	27.9	19.8	29.6
265	79.9	51.4	77.0#