Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013289.D
Acq On : 23 Dec 2020 02:02
Operator : CG/JU
Sample : L5139-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BPOW3-3-20201215

Quant Time: Dec 23 03:08:19 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	499	0.40	ng	# 0.00
7) Naphthalene-d8	10.112	136	1738	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1200	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2829	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3198	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3539	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	305	0.15	ng	0.00
5) Phenol-d6	6.549	99	157	0.08	ng	0.00
8) Nitrobenzene-d5	8.553	82	509	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	11.728	152	951	0.31	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	200	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	1547	0.31	ng	0.01
27) Fluoranthene-d10	18.816	212	3368	0.36	ng	0.00
31) Terphenyl-d14	19.422	244	2954	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.917	88	3471	3.99	ng	# 89
3) n-Nitrosodimethylamine	3.255	42	166	0.11	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.247	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.070	248	200	0.36	ng	# 76
23) Atrazine	16.021	200	135	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.910	149	6762	0.90	ng	97

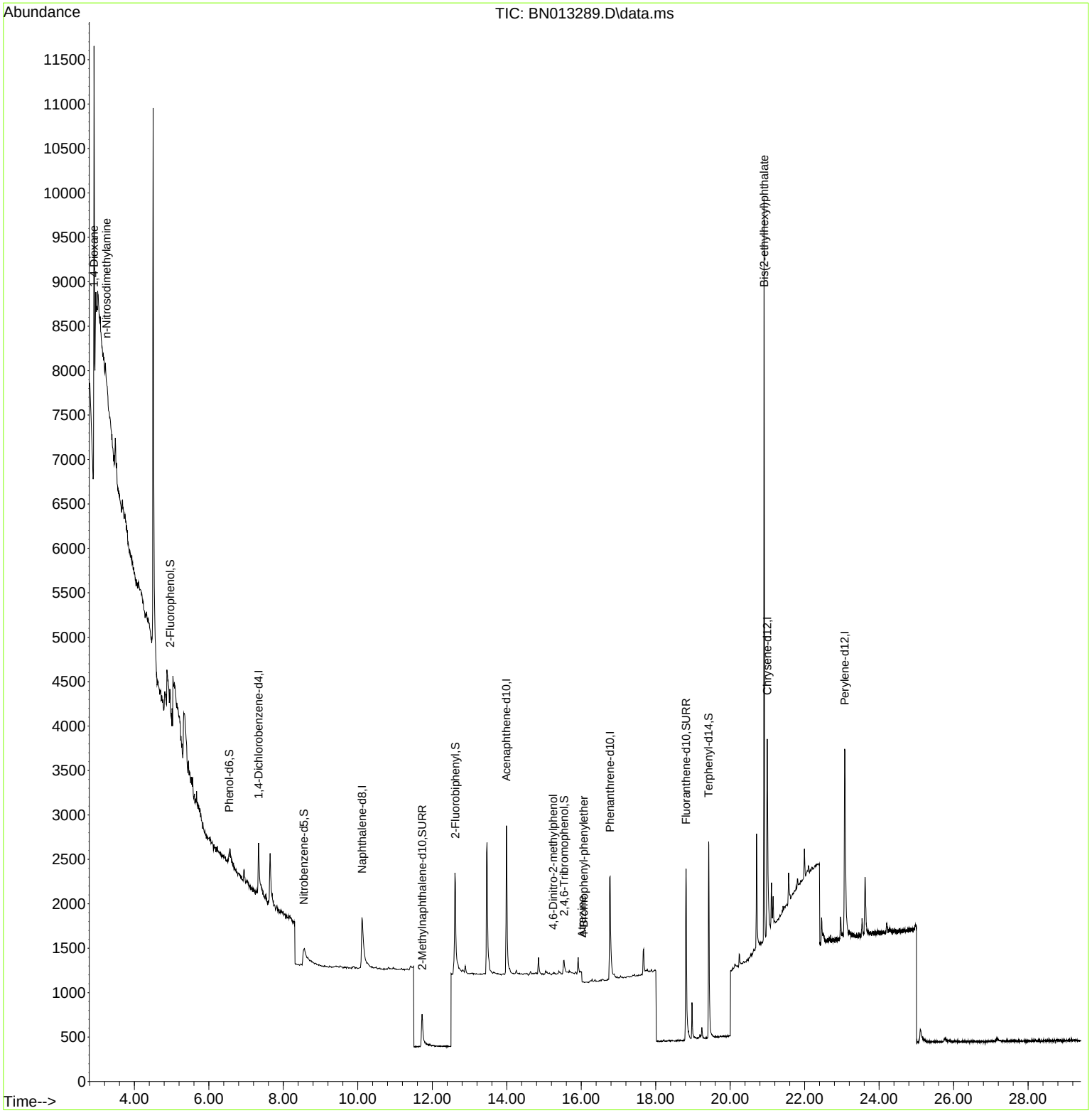
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

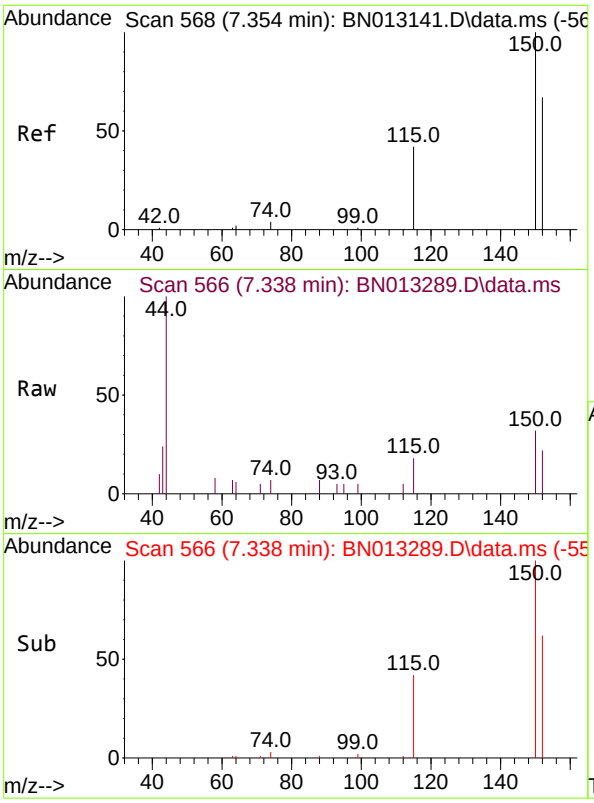
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013289.D
Acq On : 23 Dec 2020 02:02
Operator : CG/JU
Sample : L5139-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

Quant Time: Dec 23 03:08:19 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration



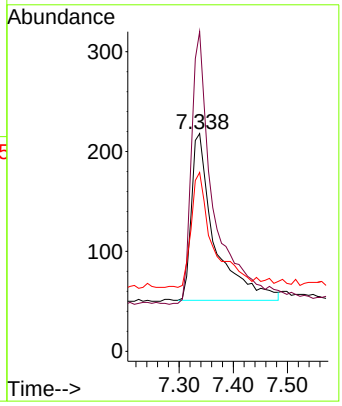
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

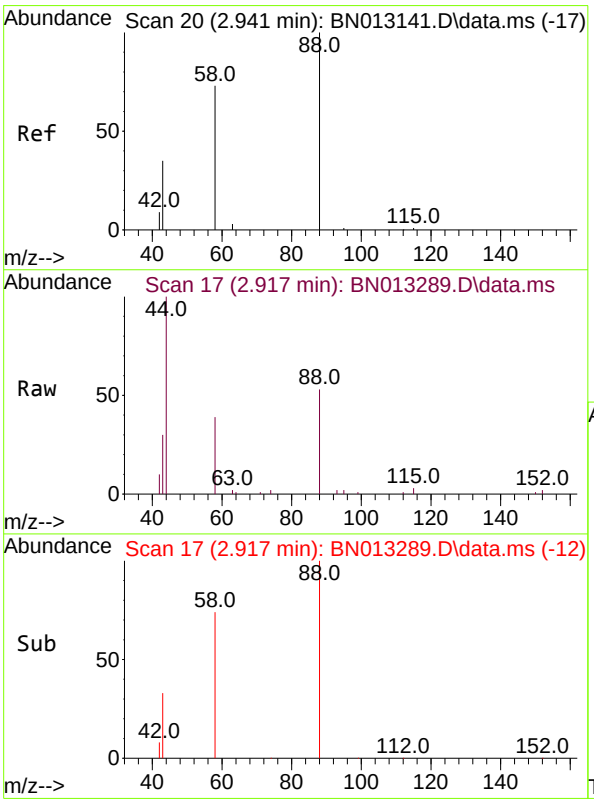


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:152 Resp: 499

Ion	Ratio	Lower	Upper
152	100		
150	146.8	116.6	174.8
115	82.1	52.9	79.3#

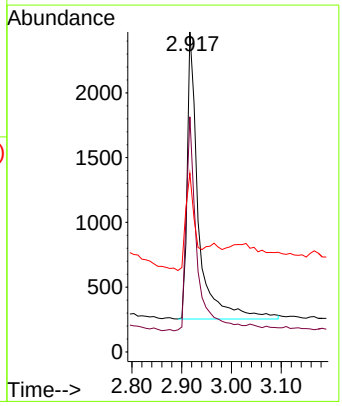


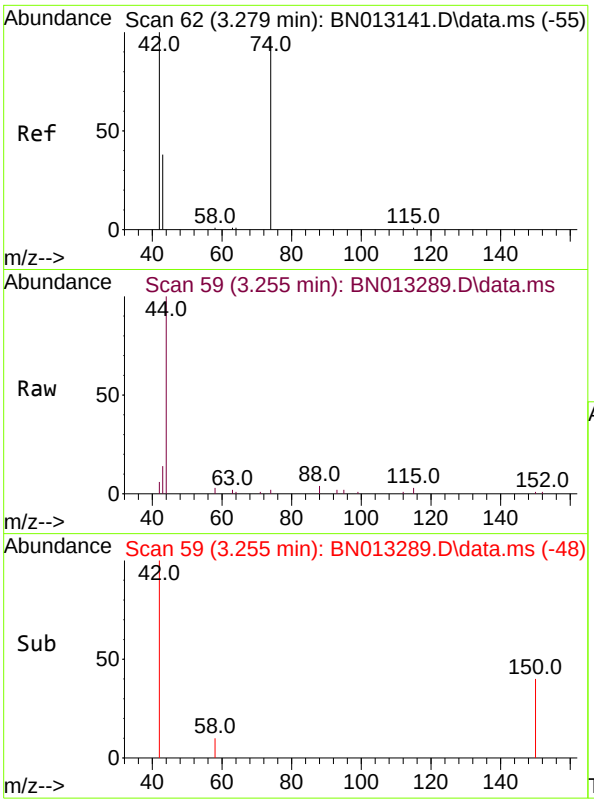


#2
1,4-Dioxane
Concen: 3.99 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion: 88 Resp: 3471

Ion	Ratio	Lower	Upper
88	100		
58	69.8	59.4	89.2
43	27.7	32.3	48.5#

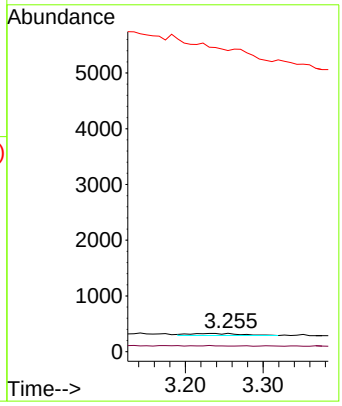




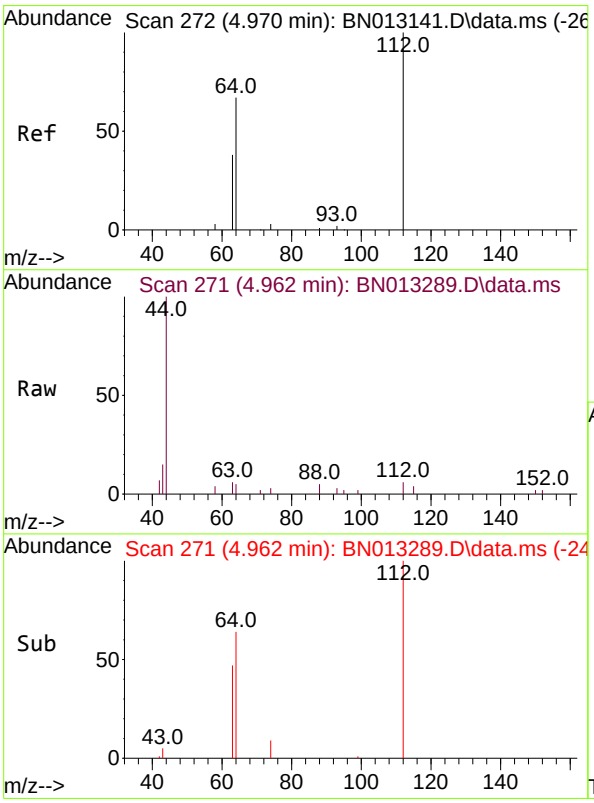
#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.255 min Scan# 59
Delta R.T. -0.008 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion: 42 Resp: 166

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



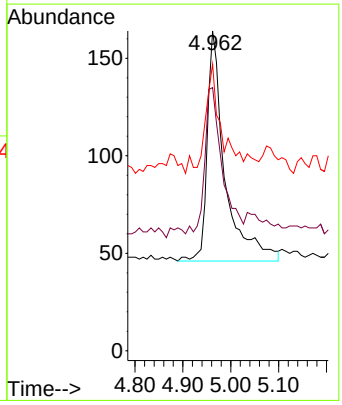
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

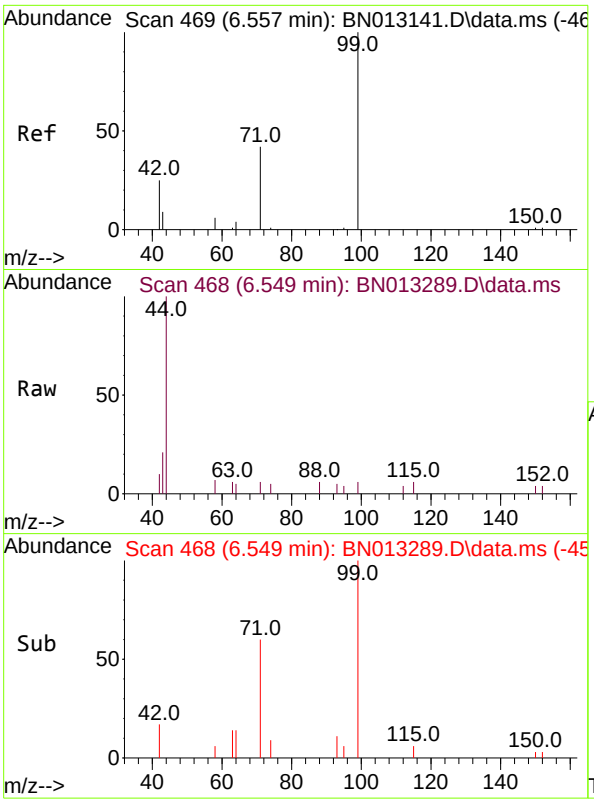


#4
2-Fluorophenol
Concen: 0.15 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:112 Resp: 305

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.5	74.3
63	42.6	32.0	48.0

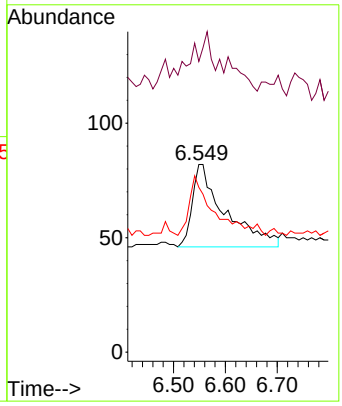




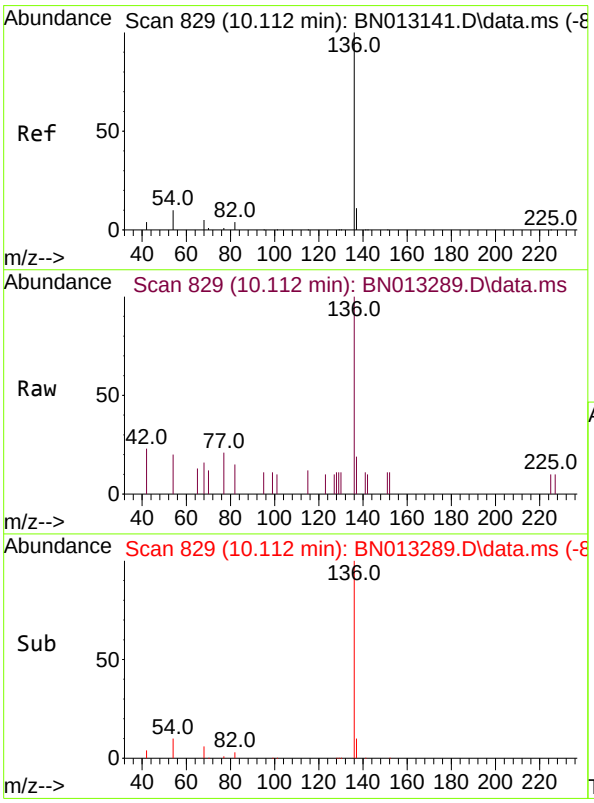
#5
Phenol-d6
Concen: 0.08 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion: 99 Resp: 157

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	54.8	37.8	56.6



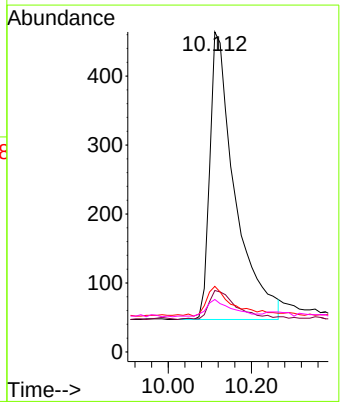
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

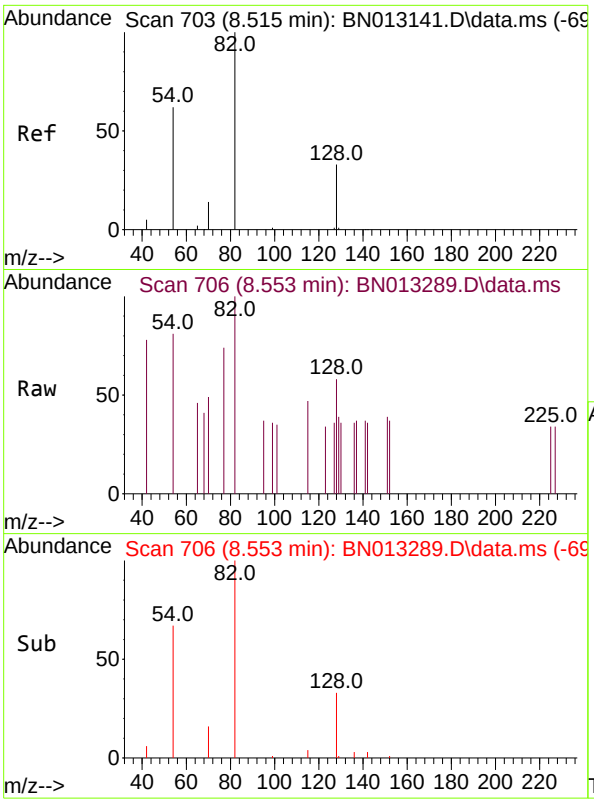


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:136 Resp: 1738

Ion	Ratio	Lower	Upper
136	100		
137	19.2	10.6	15.8#
54	20.5	8.6	12.8#
68	16.4	5.7	8.5#

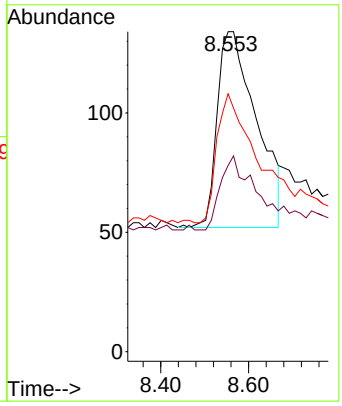




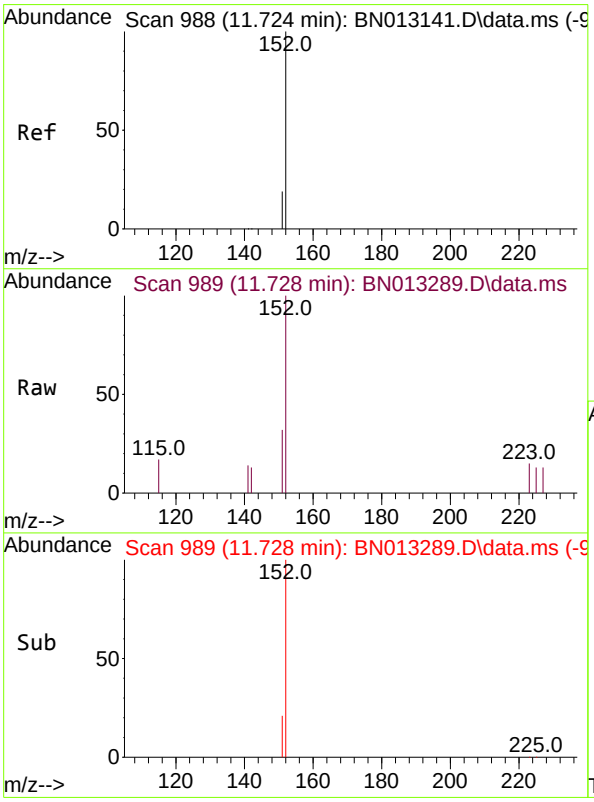
#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion: 82 Resp: 509

Ion	Ratio	Lower	Upper
82	100		
128	58.2	30.6	46.0#
54	80.6	48.3	72.5#



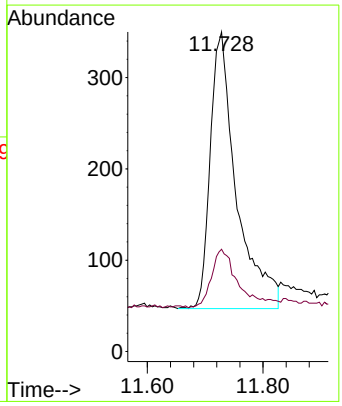
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

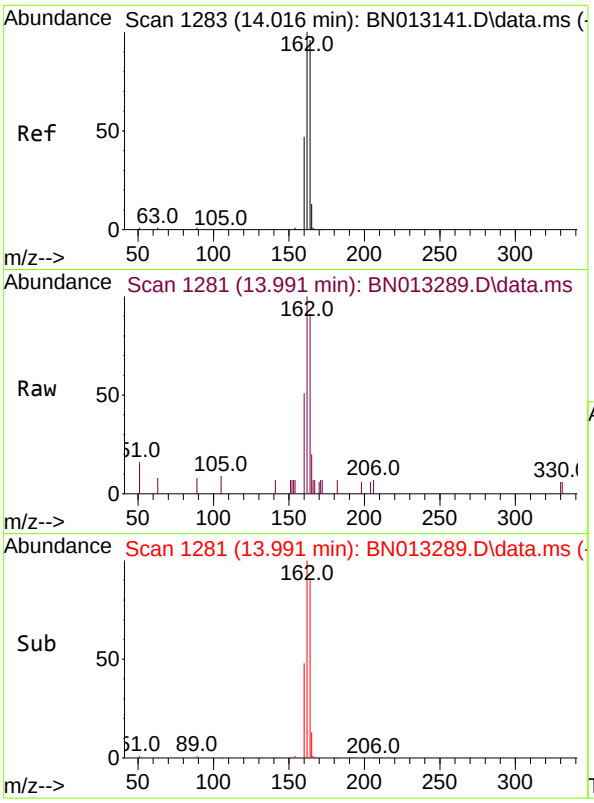


#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.728 min Scan# 989
Delta R.T. 0.022 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:152 Resp: 951

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.7	25.1

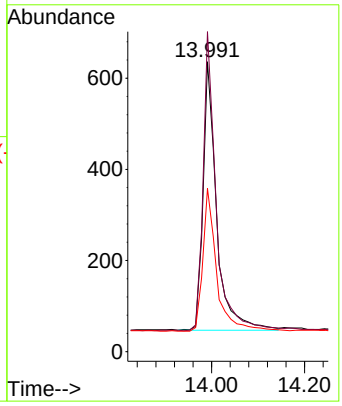




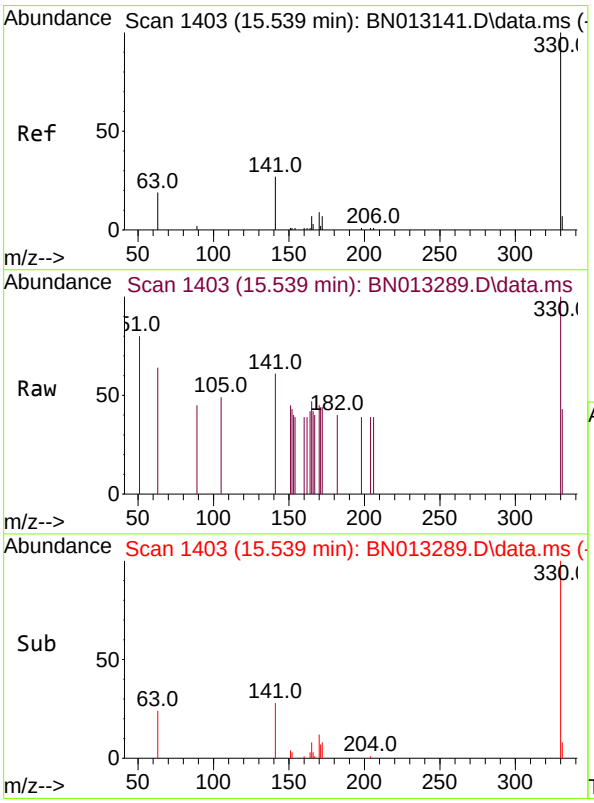
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:164 Resp: 1200

Ion	Ratio	Lower	Upper
164	100		
162	110.4	80.6	120.8
160	56.3	39.5	59.3



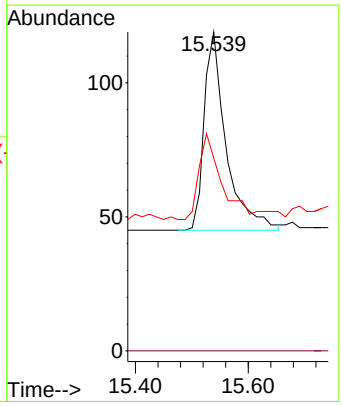
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

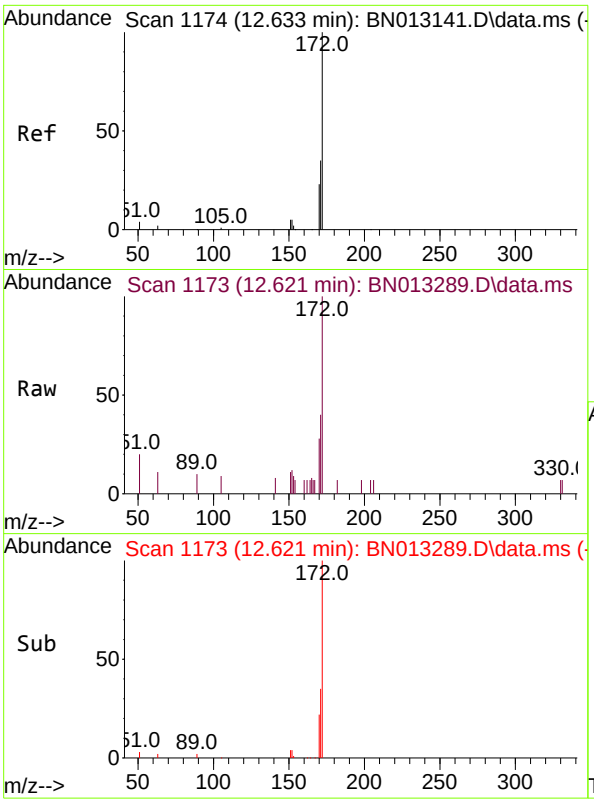


#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:330 Resp: 200

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.0	34.4	51.6

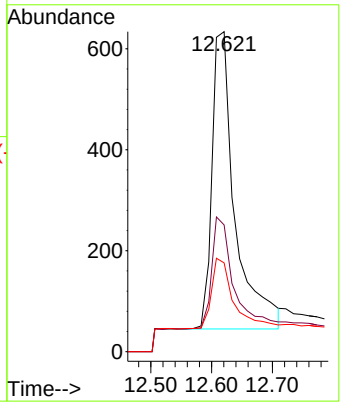




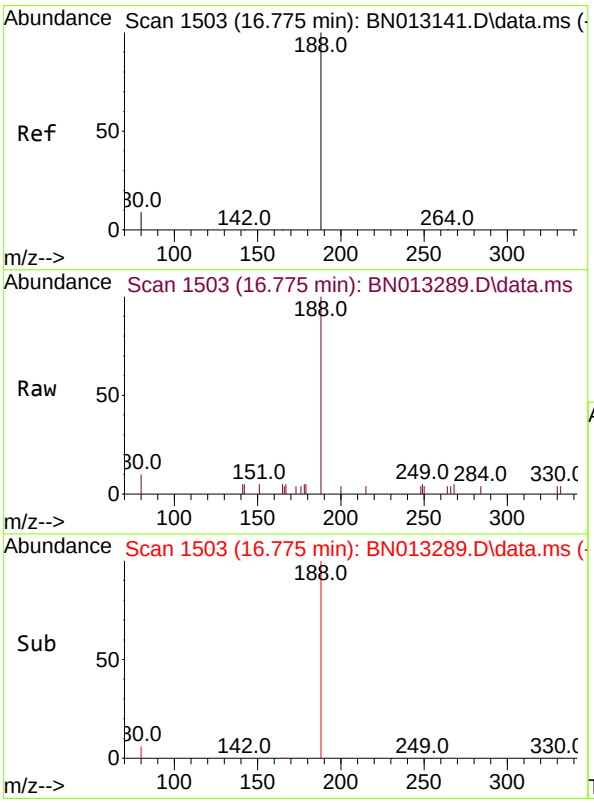
#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:172 Resp: 1547

Ion	Ratio	Lower	Upper
172	100		
171	39.6	28.2	42.4
170	27.8	20.0	30.0



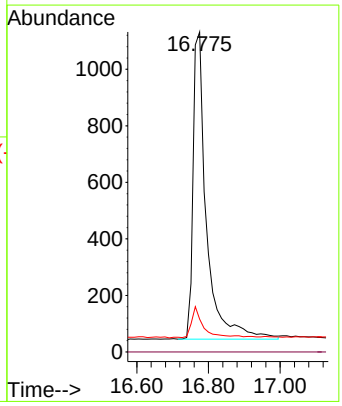
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

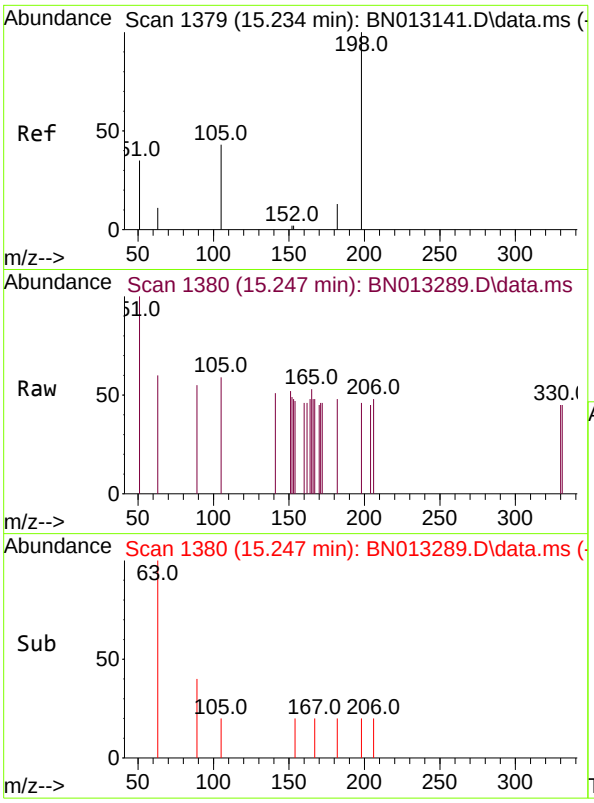


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:188 Resp: 2829

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	5.0	7.4#

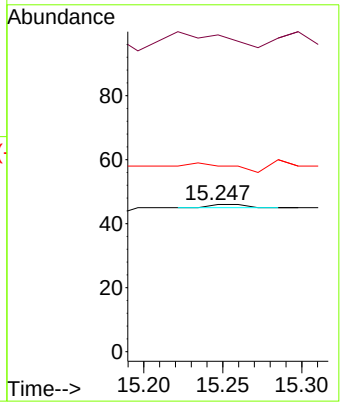




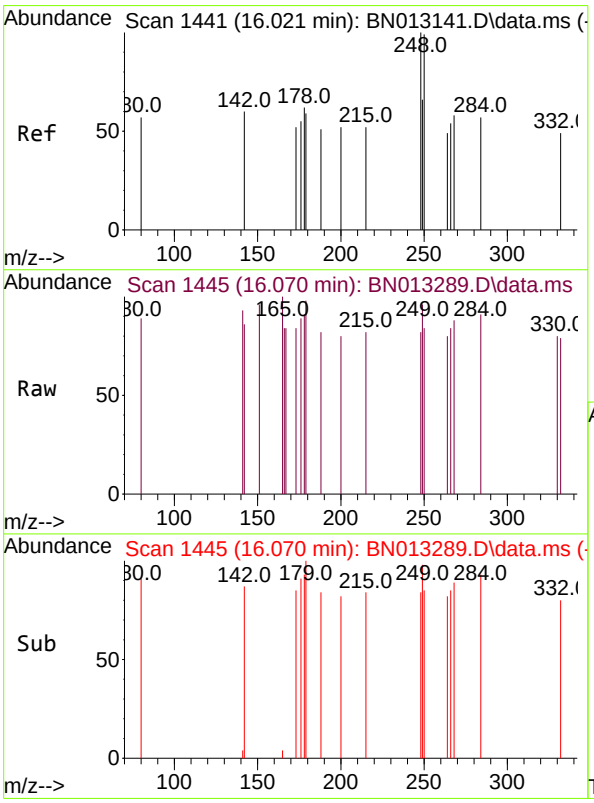
#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.025 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	215.2	43.5	65.3#
105	126.1	27.2	40.8#



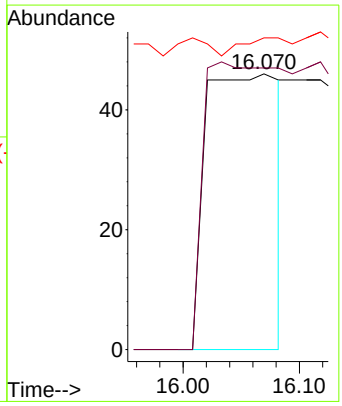
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

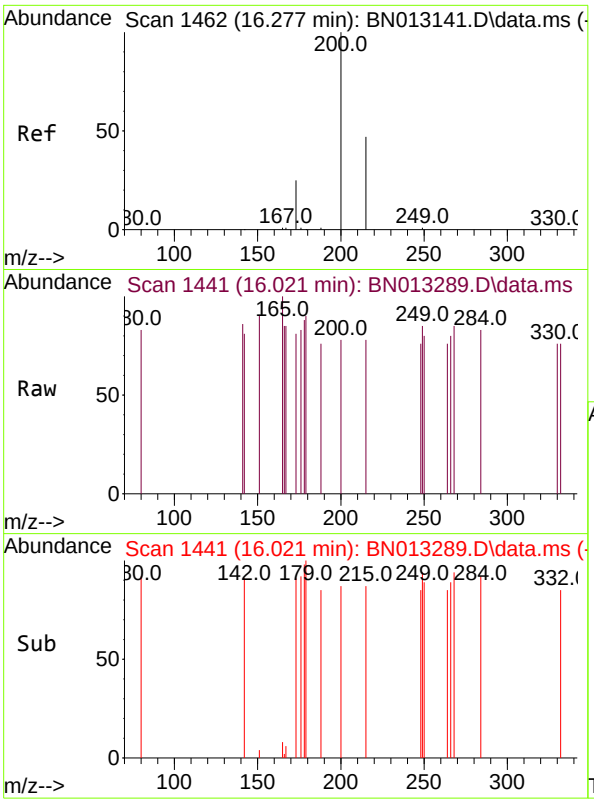


#21
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.070 min Scan# 1445
Delta R.T. 0.049 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:248 Resp: 200

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.3	115.9
141	113.0	57.8	86.8#

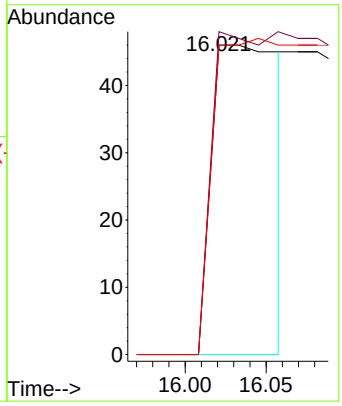




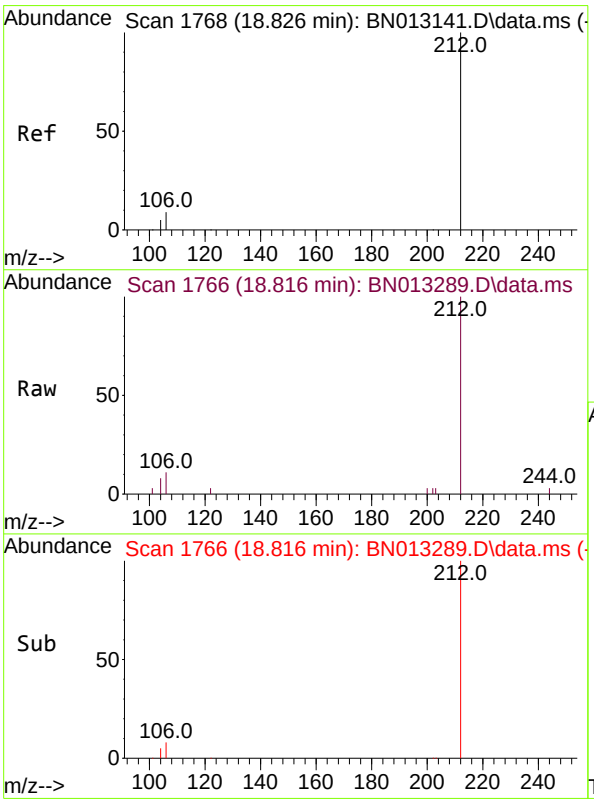
#23
Atrazine
Concen: 0.08 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.243 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:200 Resp: 135

Ion	Ratio	Lower	Upper
200	100		
173	104.3	22.8	34.2#
215	100.0	38.1	57.1#



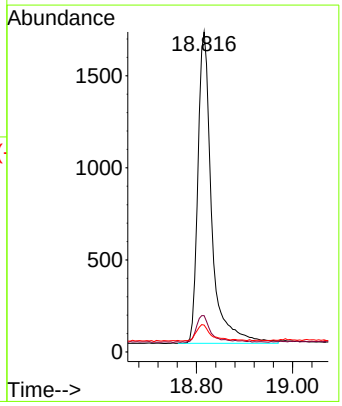
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

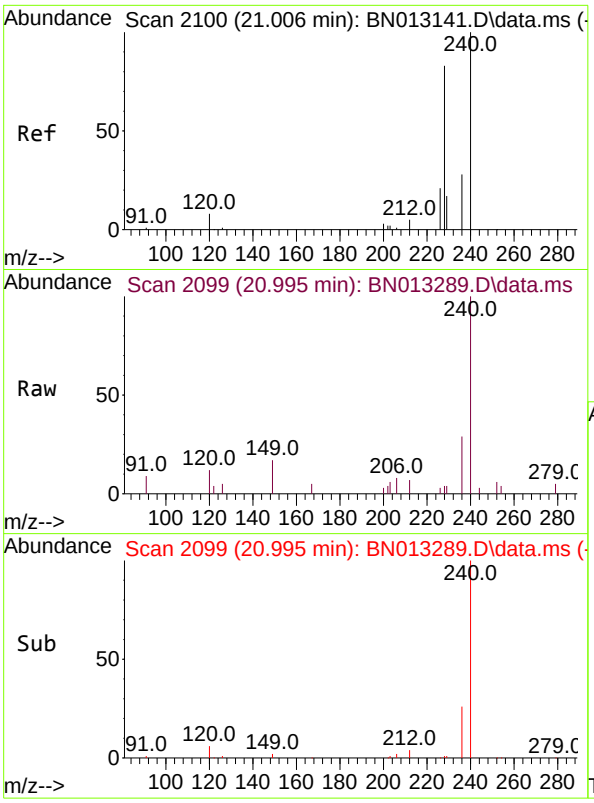


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:212 Resp: 3368

Ion	Ratio	Lower	Upper
212	100		
106	8.6	6.8	10.2
104	5.5	4.1	6.1

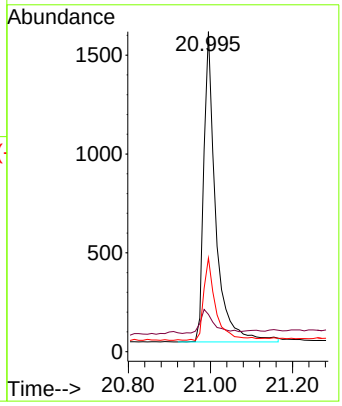




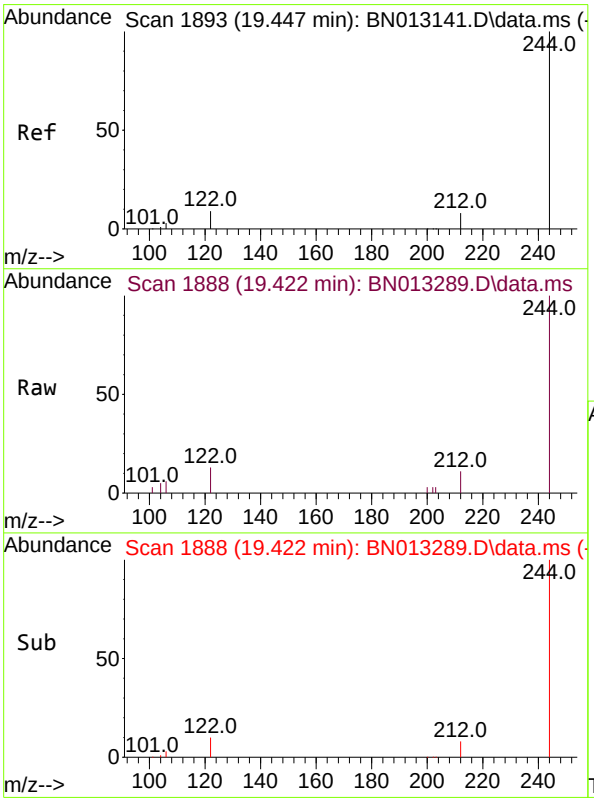
#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:240 Resp: 3198

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.3	7.9#
236	29.2	21.8	32.8



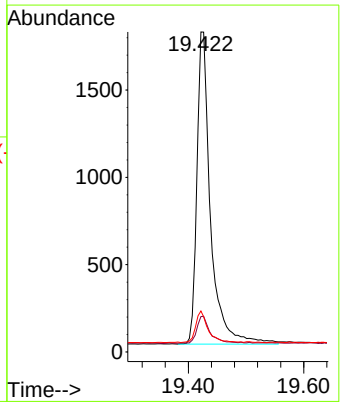
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215



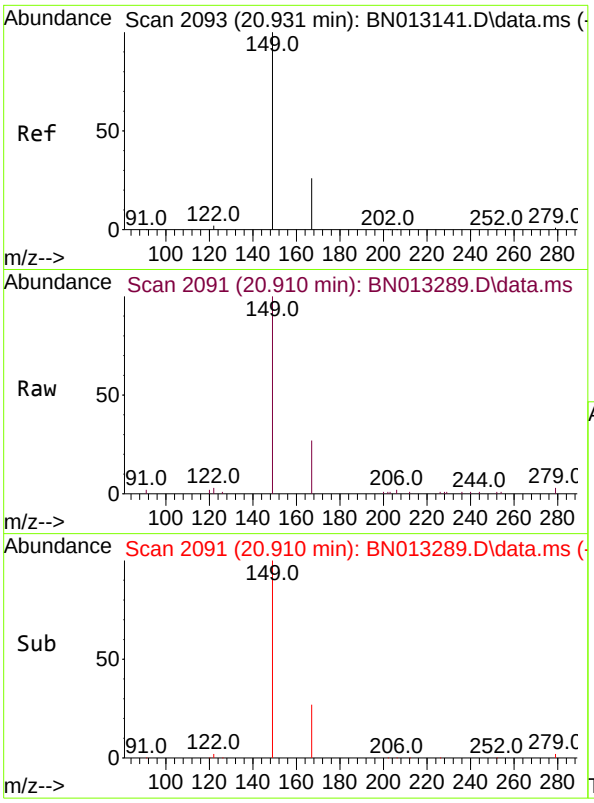
#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.422 min Scan# 1888
Delta R.T. -0.010 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:244 Resp: 2954

Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.3	10.9#
122	12.8	7.3	10.9#



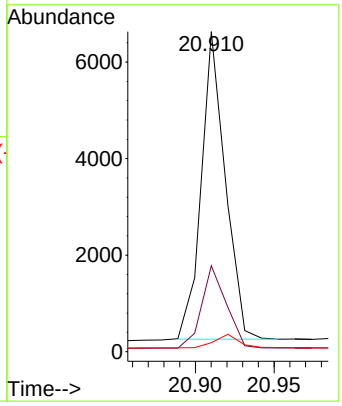
Instrument :
BNA_N
ClientSampleId :
BPOW3-3-20201215

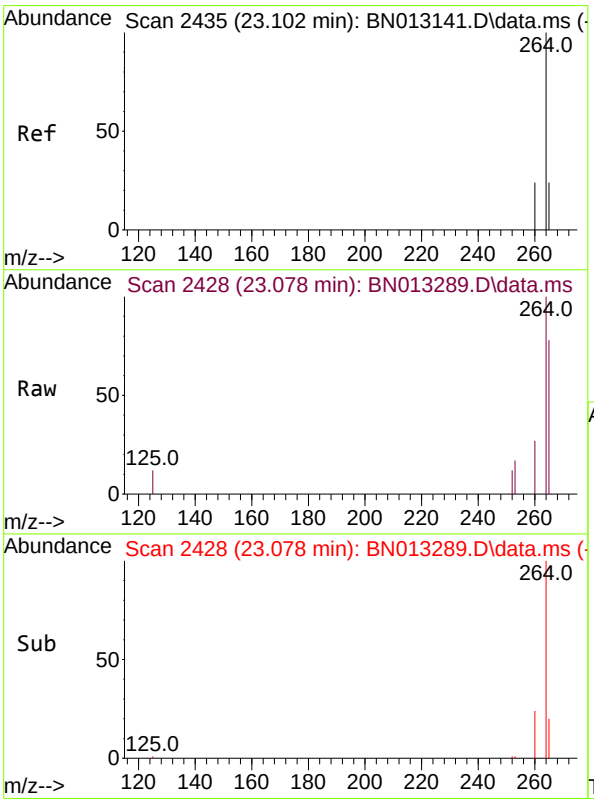


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.90 ng
RT: 20.910 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:149 Resp: 6762

Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.2	34.8
279	4.5	3.9	5.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.078 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BN013289.D
Acq: 23 Dec 2020 02:02

Tgt Ion:264 Resp: 3539

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.8	29.6
265	77.8	51.4	77.0#