Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013171.D
Acq On : 16 Dec 2020 18:32
Operator : CG/JU
Sample : L5053-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE103D3-20201209

Quant Time: Dec 17 03:06:48 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 15 16:49:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	715	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1854	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1200	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	2572	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2797	0.40	ng	# 0.01
36) Perylene-d12	23.099	264	3271	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	256	0.09	ng	0.00
5) Phenol-d6	6.557	99	141	0.05	ng	0.00
8) Nitrobenzene-d5	8.541	82	527	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	11.742	152	801	0.25	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	183	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1245	0.25	ng	0.00
27) Fluoranthene-d10	18.831	212	2784	0.33	ng	0.00
31) Terphenyl-d14	19.442	244	2441	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	494	0.40	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.298	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	203	0.40	ng	# 77
23) Atrazine	16.021	200	202	0.13	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	561	Below Cal		# 96

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

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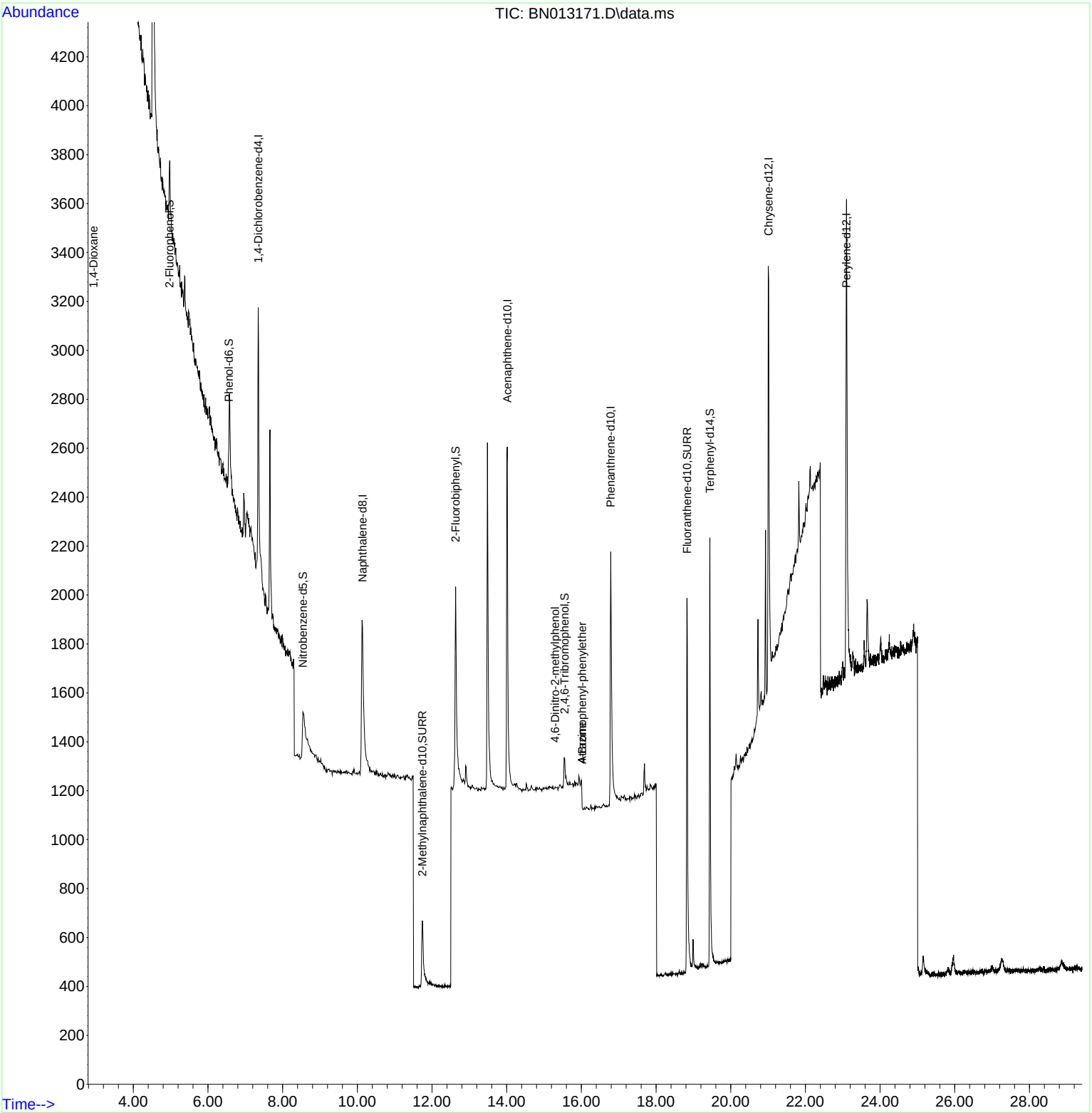
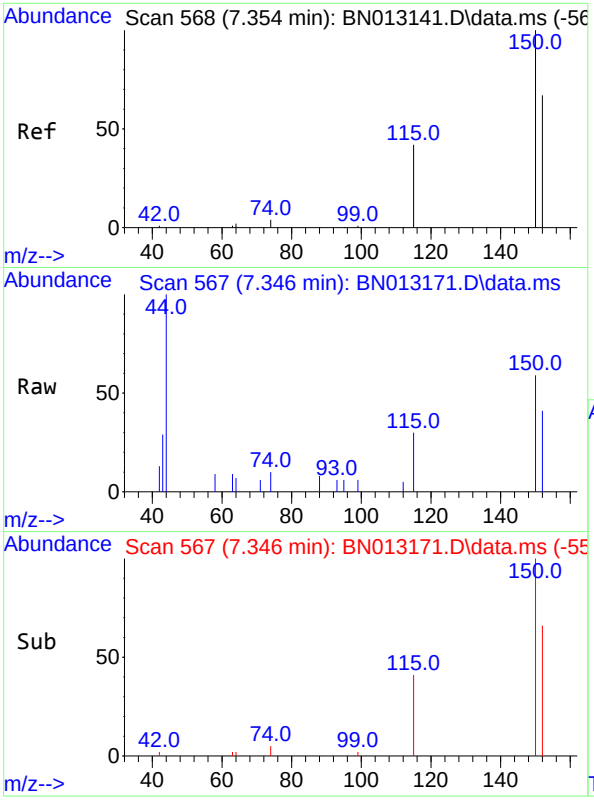


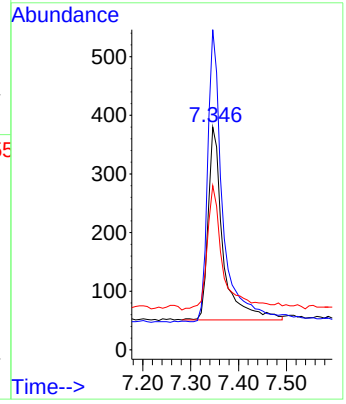
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

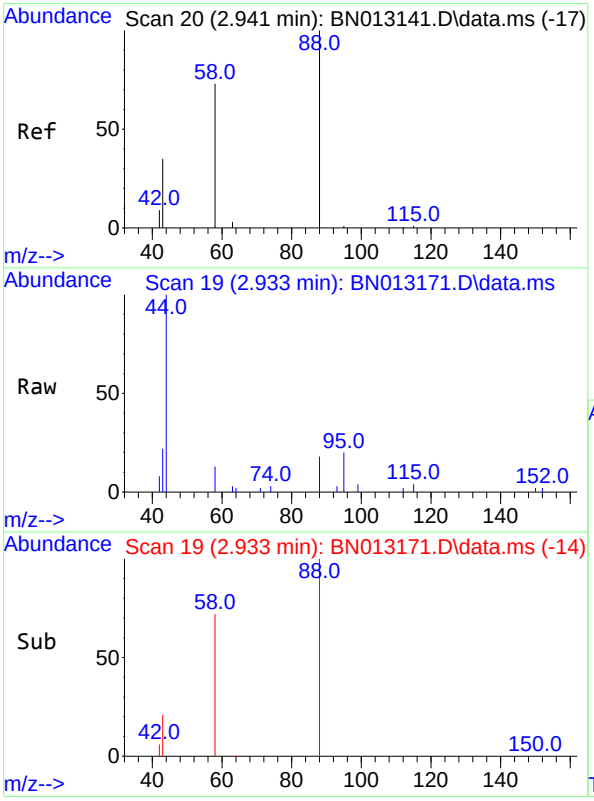


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:152 Resp: 715

Ion	Ratio	Lower	Upper
152	100		
150	143.7	116.6	174.8
115	73.7	52.9	79.3

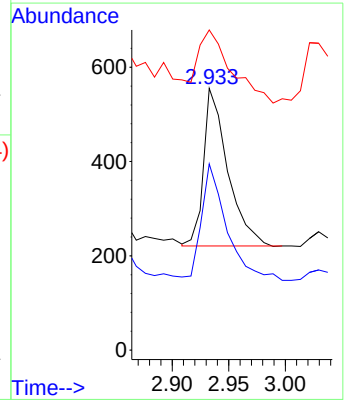




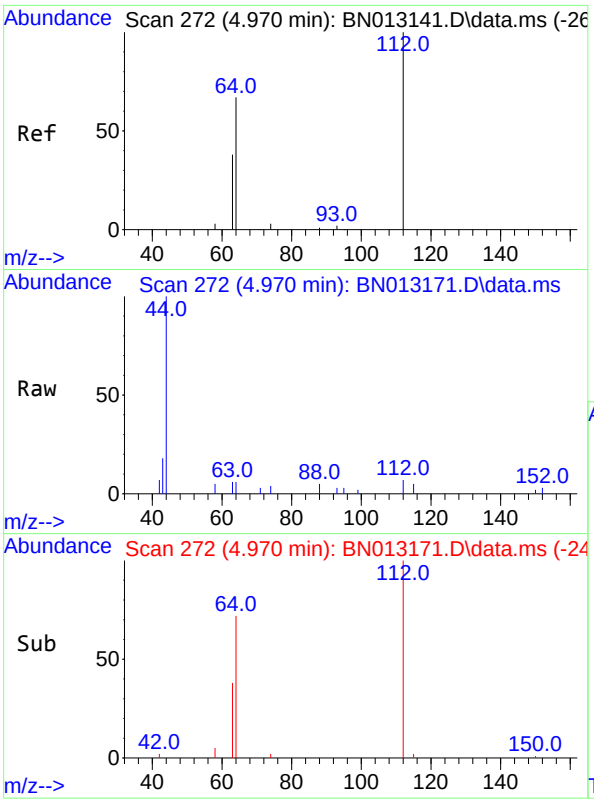
#2
1,4-Dioxane
Concen: 0.40 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion: 88 Resp: 494

Ion	Ratio	Lower	Upper
88	100		
58	77.1	59.4	89.2
43	61.9	32.3	48.5#



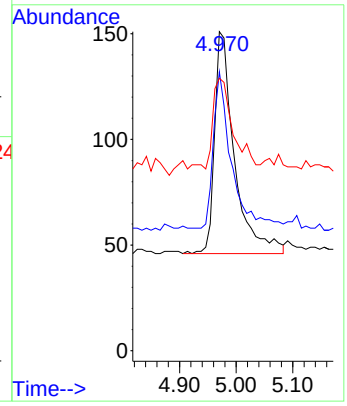
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

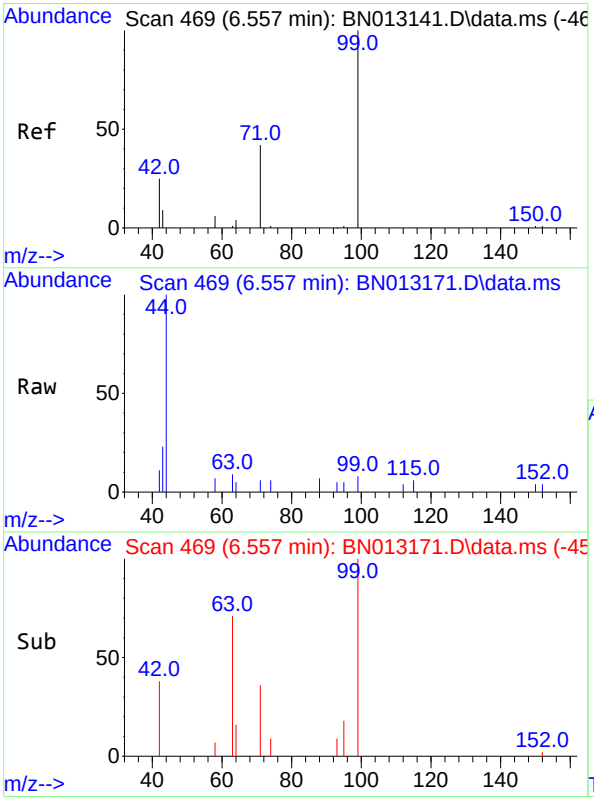


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:112 Resp: 256

Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.5	74.3
63	38.7	32.0	48.0

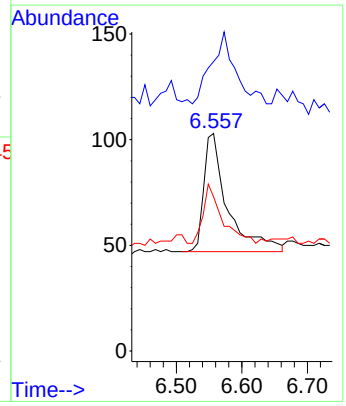




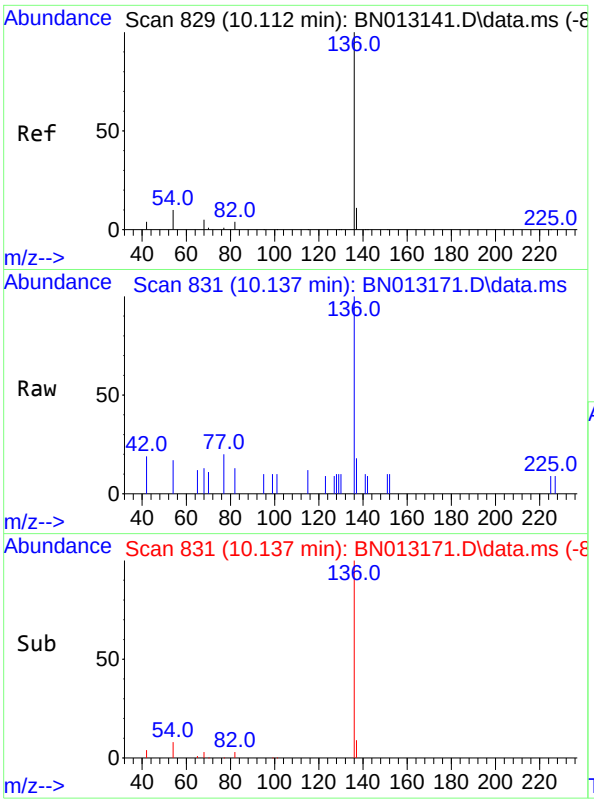
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion: 99 Resp: 141

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	39.7	37.8	56.6



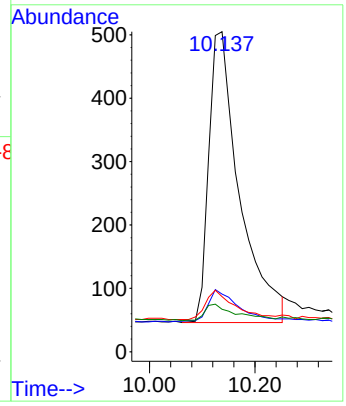
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

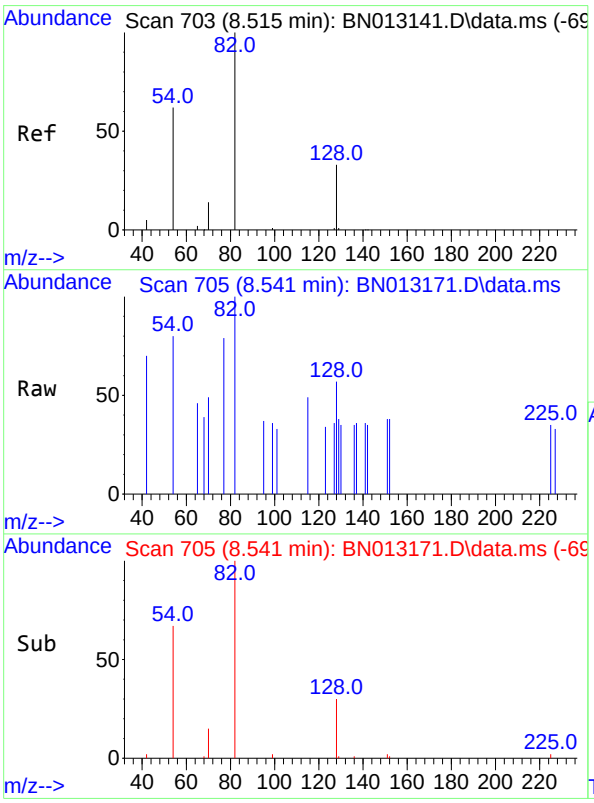


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:136 Resp: 1854

Ion	Ratio	Lower	Upper
136	100		
137	18.0	10.6	15.8#
54	17.2	8.6	12.8#
68	13.3	5.7	8.5#

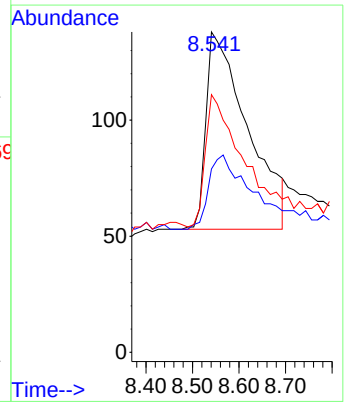




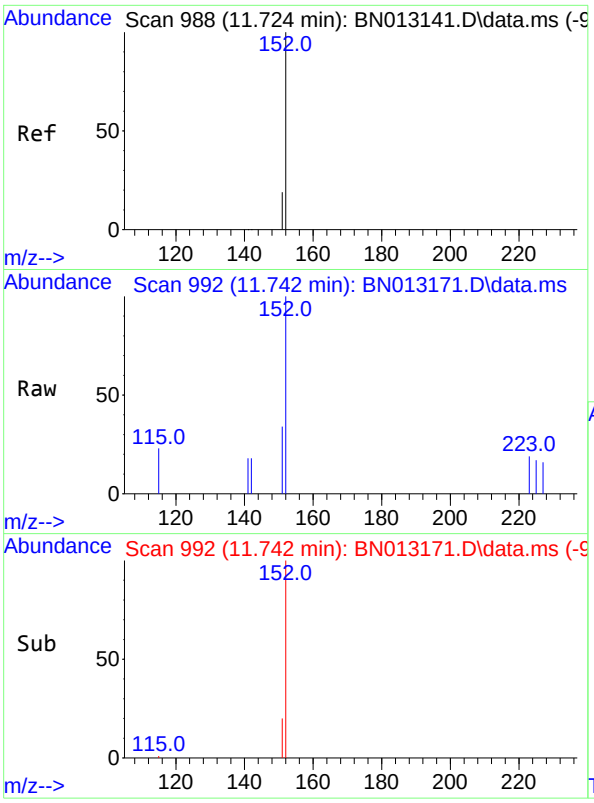
#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion: 82 Resp: 527

Ion	Ratio	Lower	Upper
82	100		
128	57.2	30.6	46.0#
54	80.4	48.3	72.5#



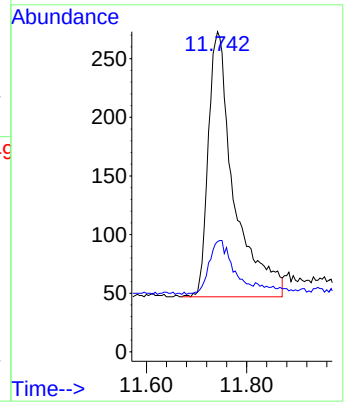
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

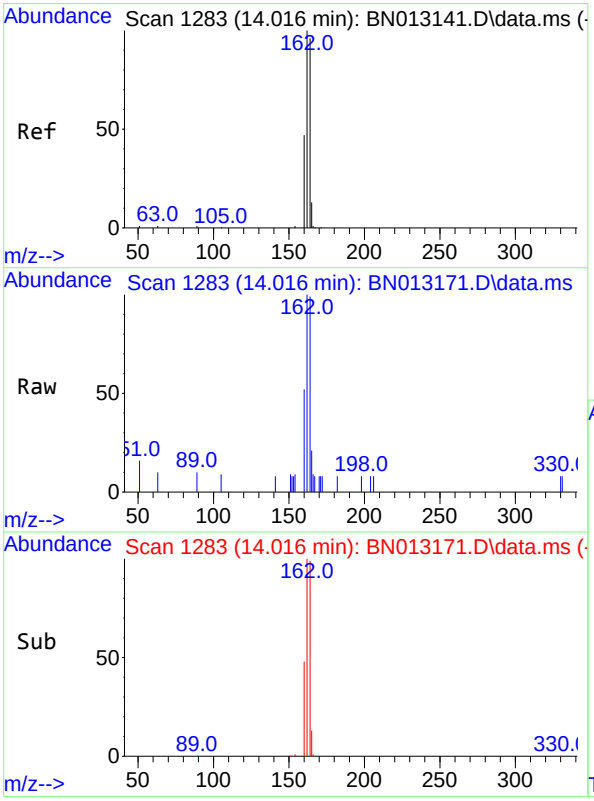


#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.018 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:152 Resp: 801

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.7	25.1

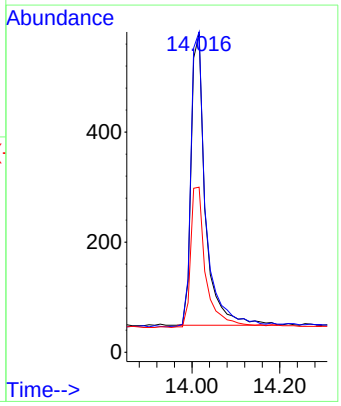


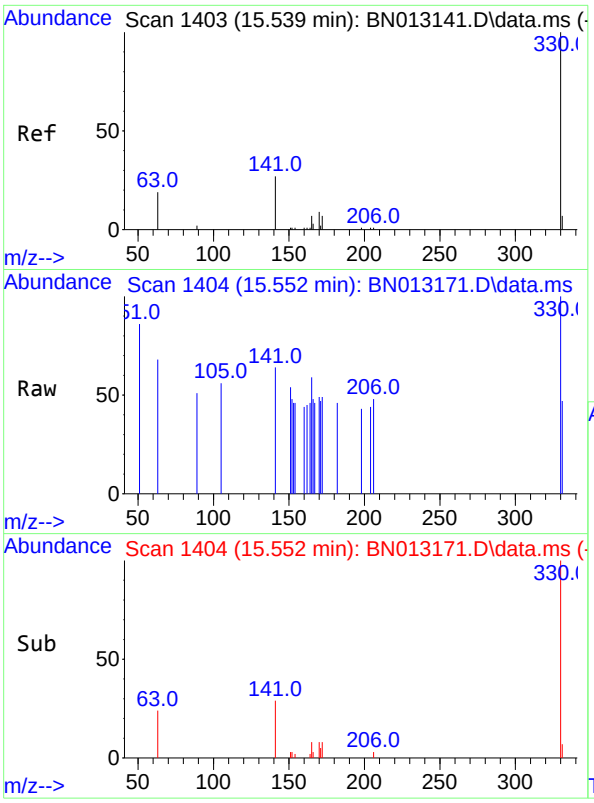


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:164 Resp: 1200

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	51.9	39.5	59.3



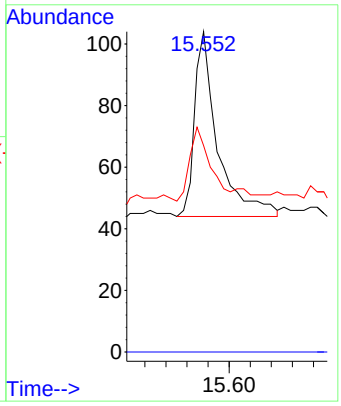


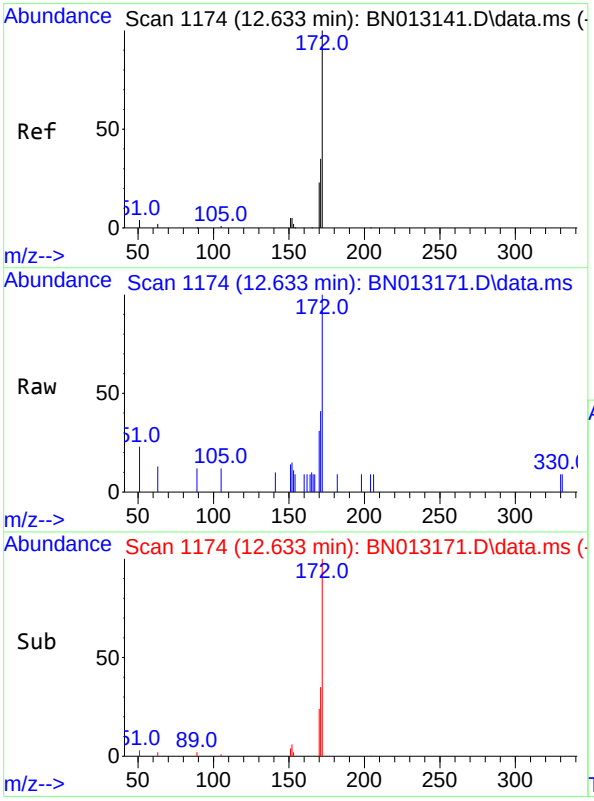
#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion:330 Resp: 183

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.5	34.4	51.6

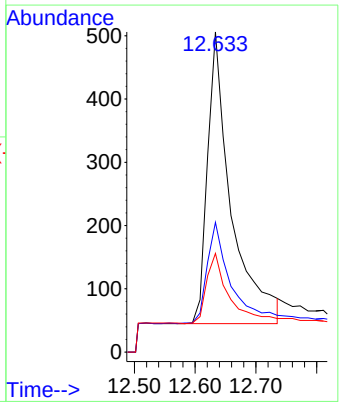




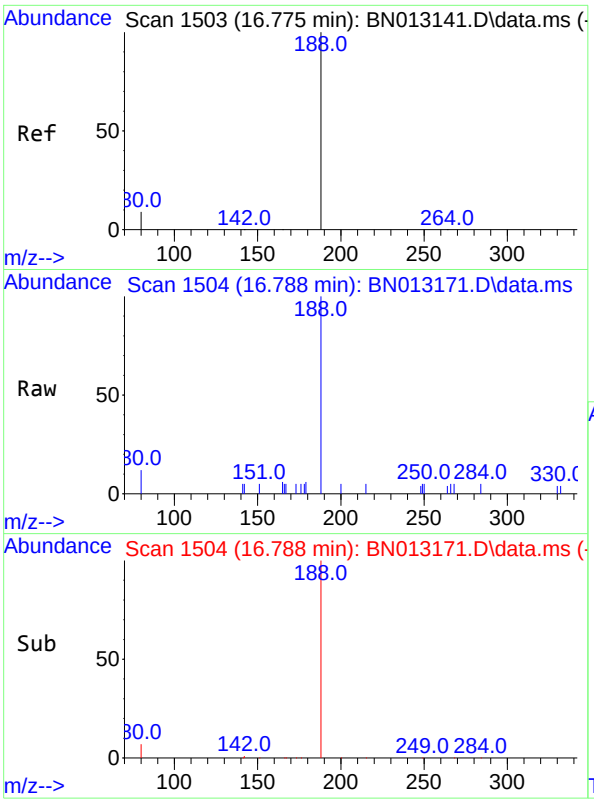
#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:172 Resp: 1245

Ion	Ratio	Lower	Upper
172	100		
171	40.5	28.2	42.4
170	30.8	20.0	30.0#



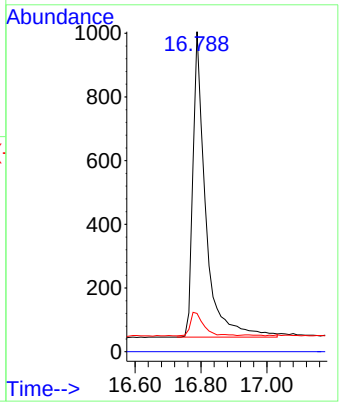
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

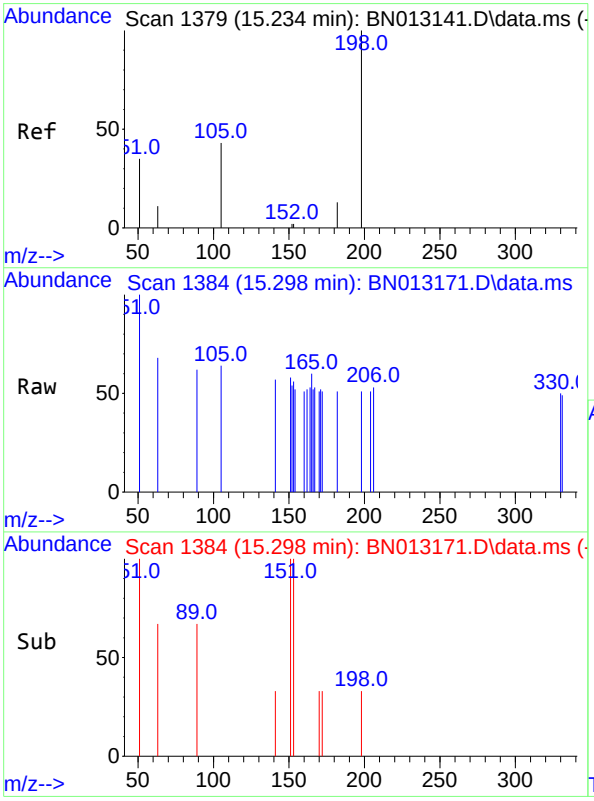


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:188 Resp: 2572

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	5.0	7.4#

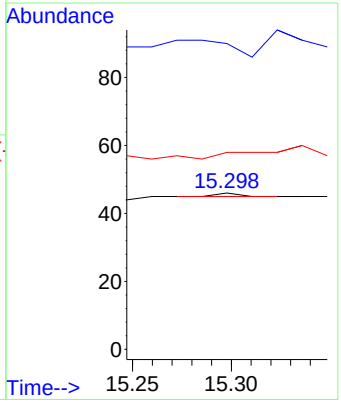




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. 0.064 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	195.7	43.5	65.3#
105	126.1	27.2	40.8#



Instrument :
BNA_N
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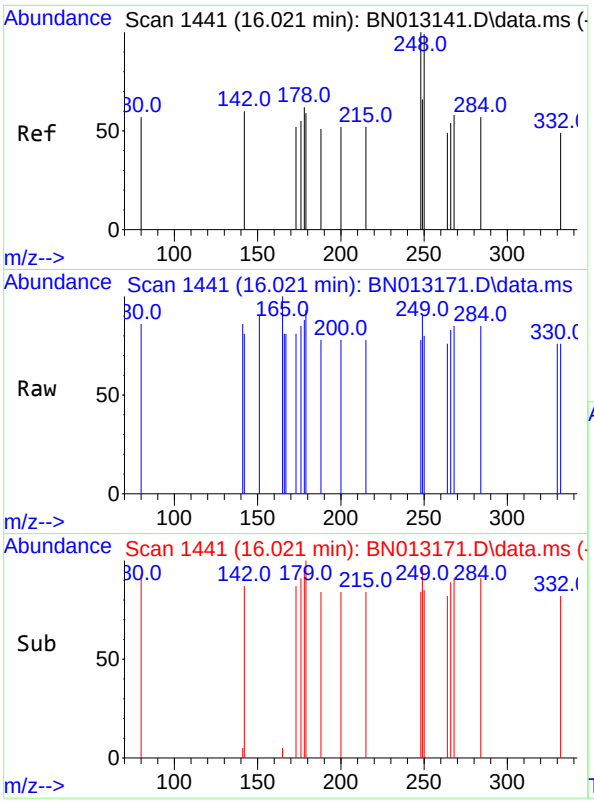
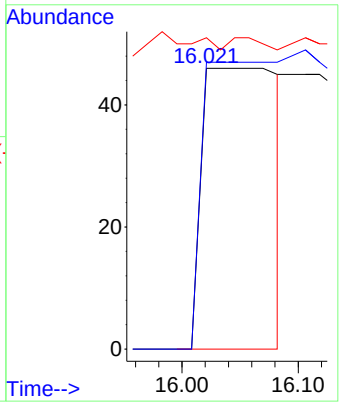
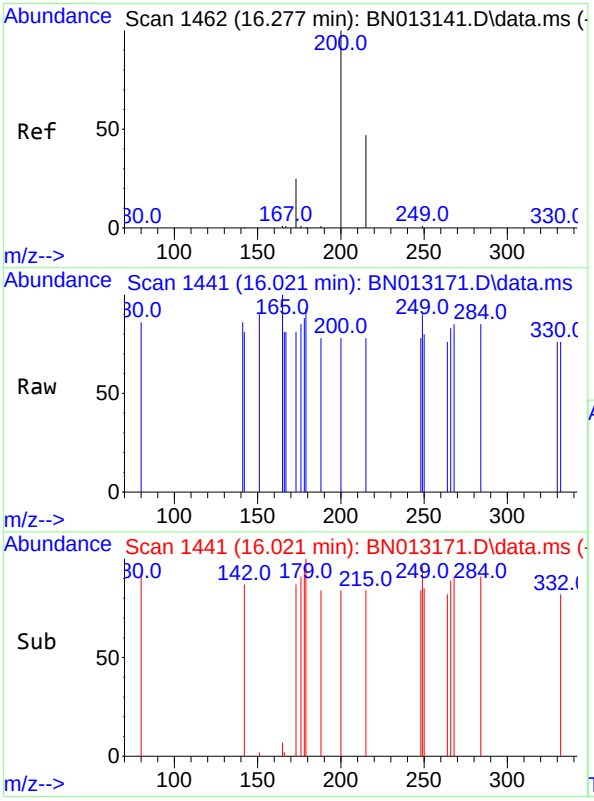


#21
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:248 Resp: 203

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.3	115.9
141	110.9	57.8	86.8#

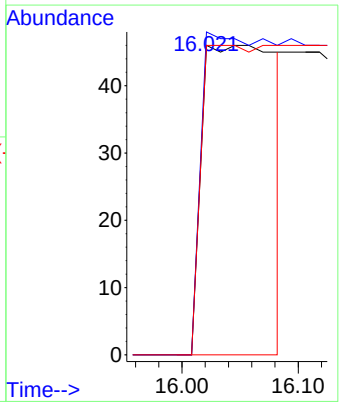




#23
Atrazine
Concen: 0.13 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:200 Resp: 202

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



Instrument :
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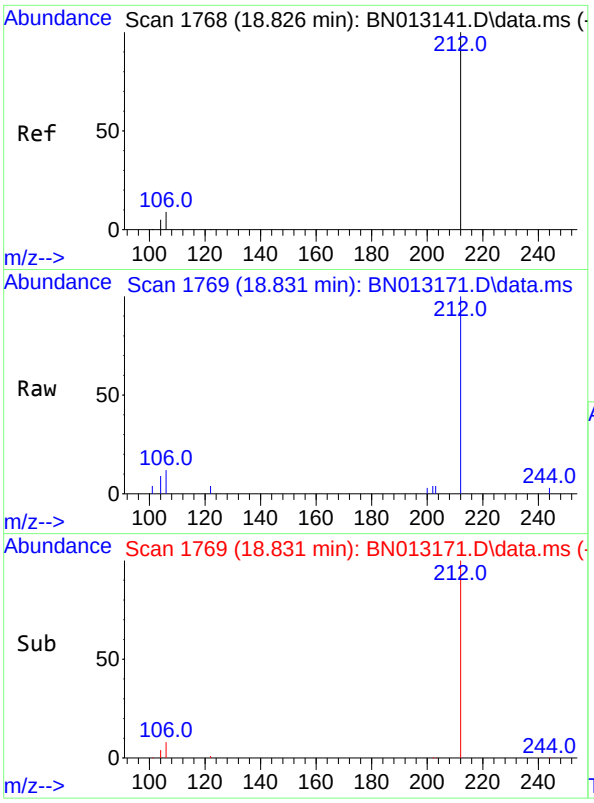
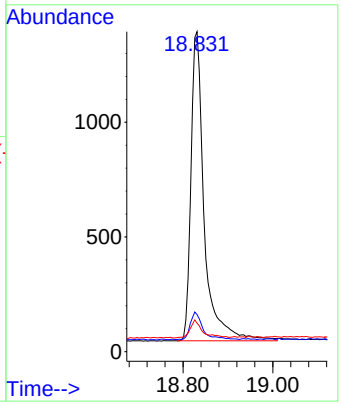
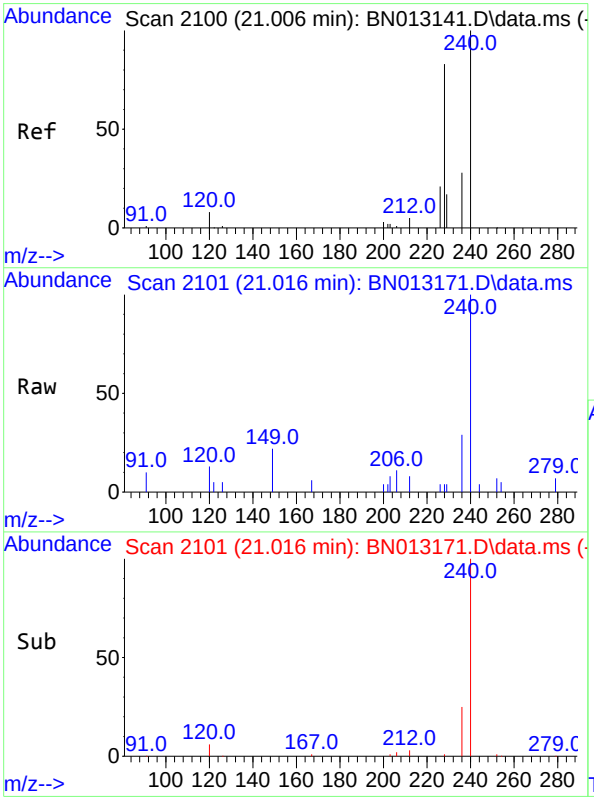


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:212 Resp: 2784

Ion	Ratio	Lower	Upper
212	100		
106	8.4	6.8	10.2
104	5.4	4.1	6.1

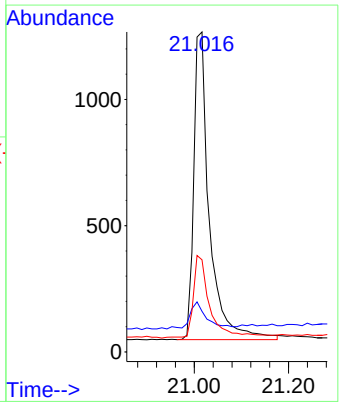




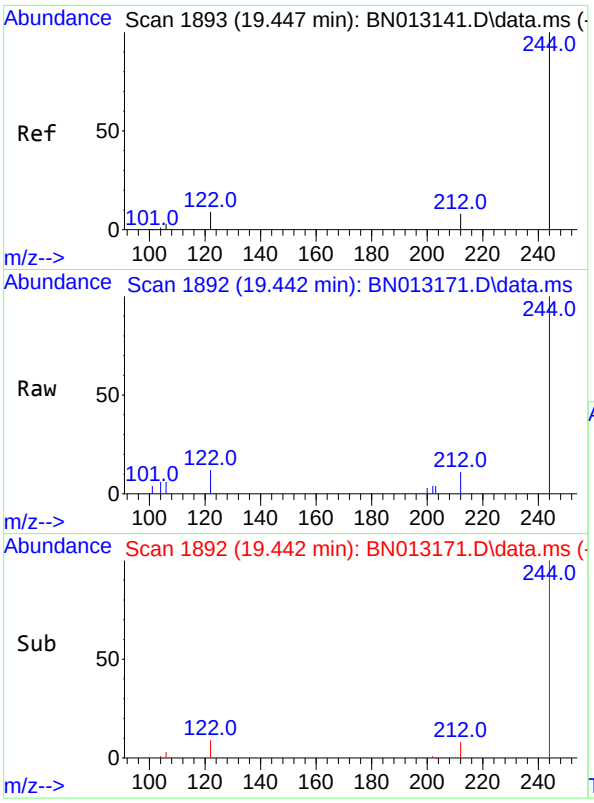
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:240 Resp: 2797

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.3	7.9#
236	28.8	21.8	32.8



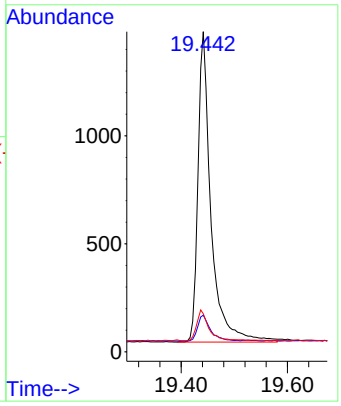
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

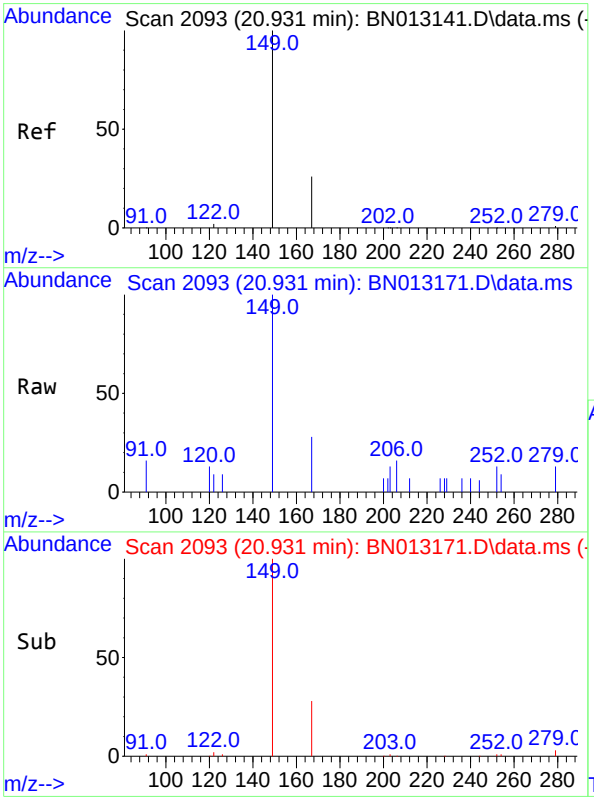


#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:244 Resp: 2441

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.3	10.9#
122	11.9	7.3	10.9#

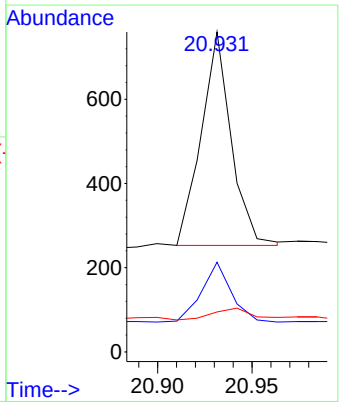


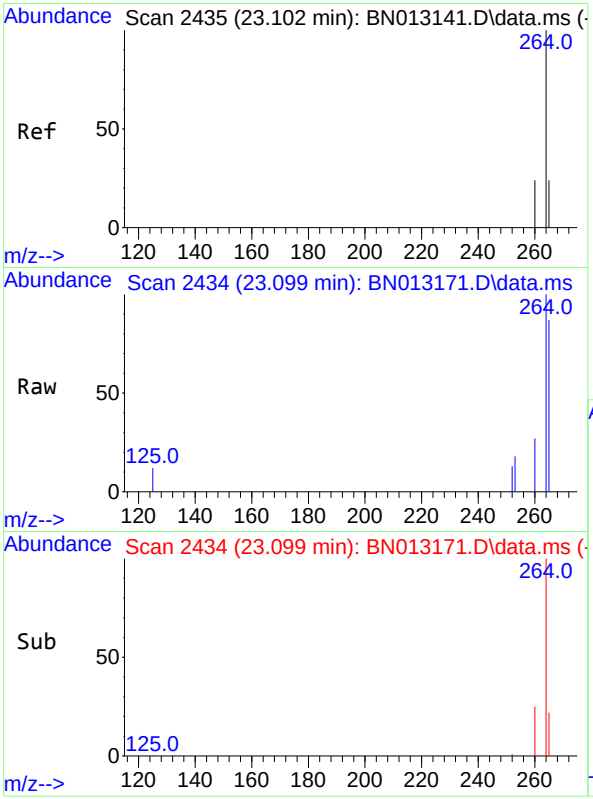


#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:149 Resp: 561

Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.2	34.8
279	7.3	3.9	5.9#

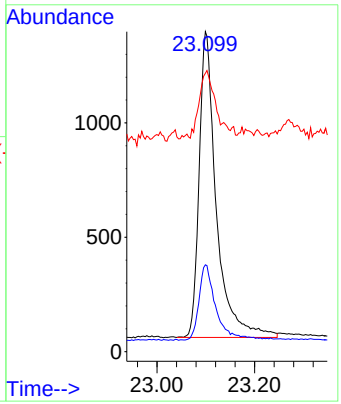




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.099 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:264 Resp: 3271

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.8	29.6
265	87.0	51.4	77.0#



Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209