Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013174.D
Acq On : 16 Dec 2020 20:20
Operator : CG/JU
Sample : L5053-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE104D3-20201209

Quant Time: Dec 17 03:07:39 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	569	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1645	0.40	ng	# 0.03
13) Acenaphthene-d10	14.003	164	1085	0.40	ng	-0.01
19) Phenanthrene-d10	16.787	188	2257	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2676	0.40	ng	# 0.01
36) Perylene-d12	23.106	264	3057	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	239	0.10	ng	0.00
5) Phenol-d6	6.548	99	115	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	497	0.29	ng	0.04
11) 2-Methylnaphthalene-d10	11.742	152	810	0.28	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	162	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1255	0.28	ng	0.00
27) Fluoranthene-d10	18.826	212	3006	0.40	ng	0.00
31) Terphenyl-d14	19.441	244	2650	0.39	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	11.817	142	72	0.02	ng	# 65
25) Phenanthrene	16.824	178	192	0.03	ng	# 89

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

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Misc :
ALS Vial : 27 Sample Multiplier: 1

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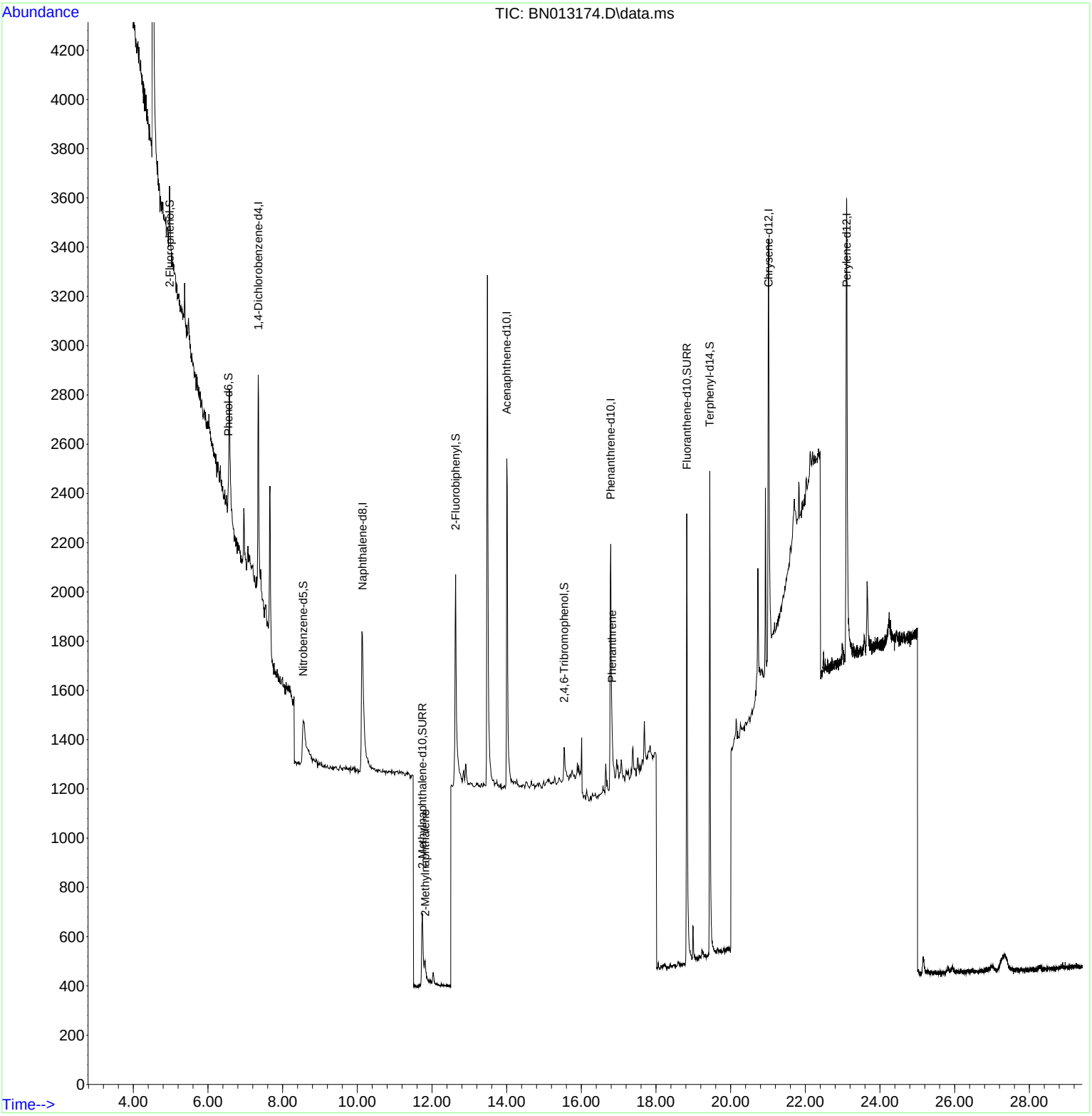
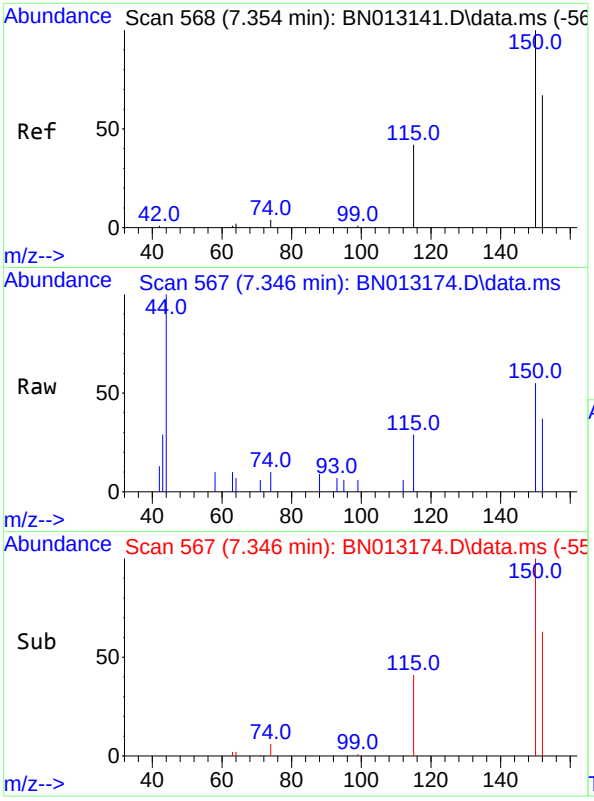


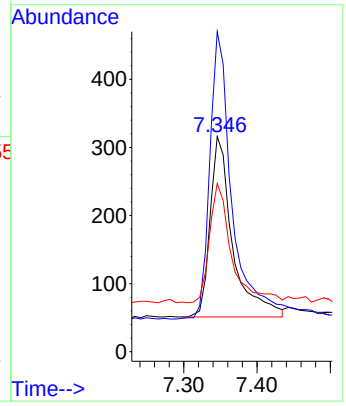
Instrument :
BNA_N
ClientSampleId :
RE104D3-20201209

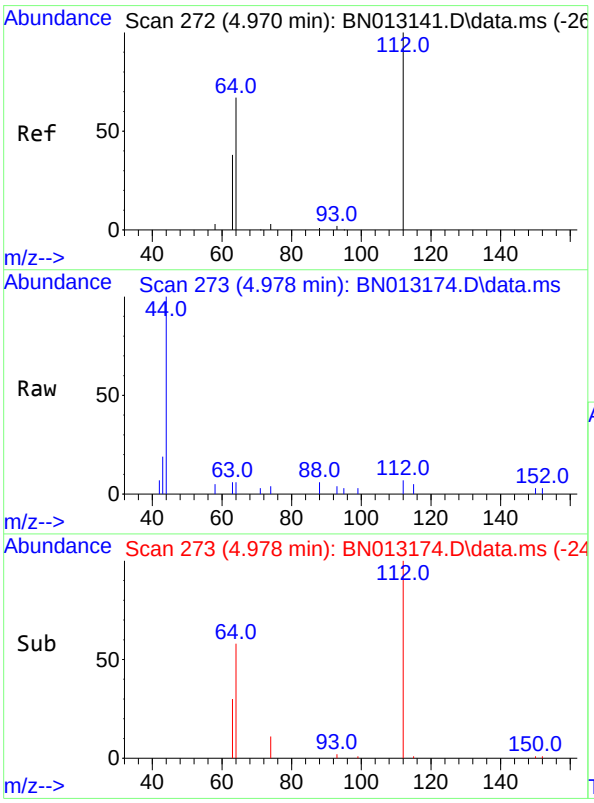


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:152 Resp: 569

Ion	Ratio	Lower	Upper
152	100		
150	148.7	116.6	174.8
115	78.2	52.9	79.3

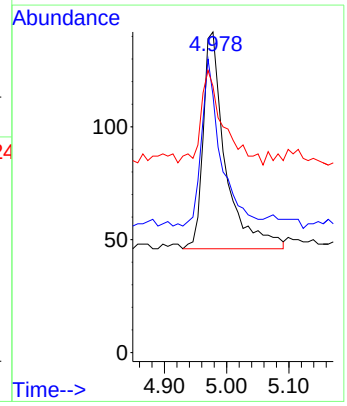




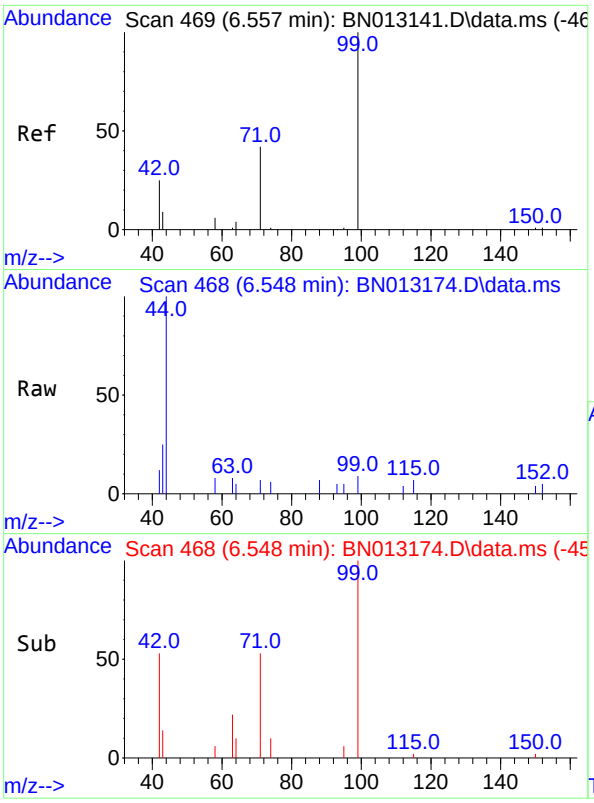
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:112 Resp: 239

Ion	Ratio	Lower	Upper
112	100		
64	69.5	49.5	74.3
63	45.2	32.0	48.0



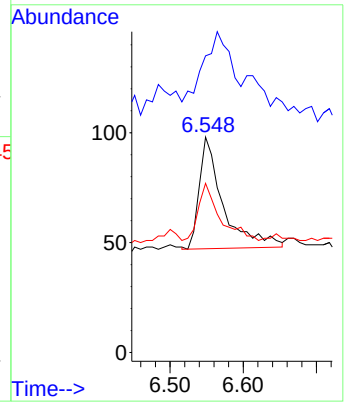
Instrument :
BNA_N
ClientSampleId :
RE104D3-20201209

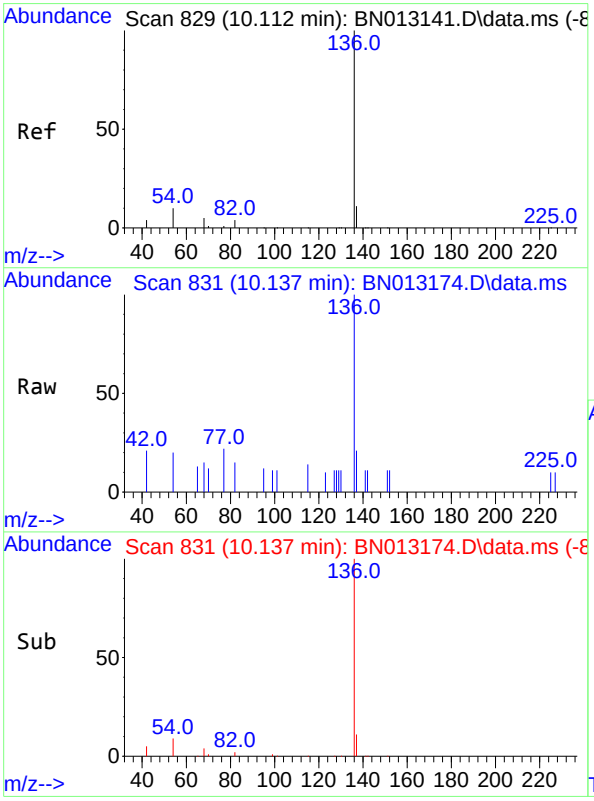


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.548 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion: 99 Resp: 115

Ion	Ratio	Lower	Upper
99	100		
42	69.6	22.4	33.6#
71	45.2	37.8	56.6

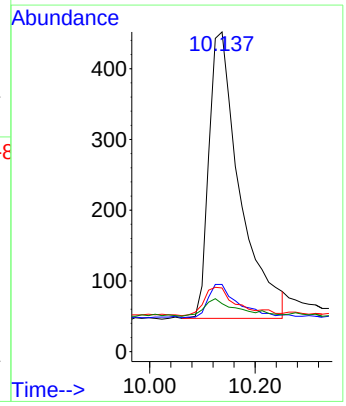




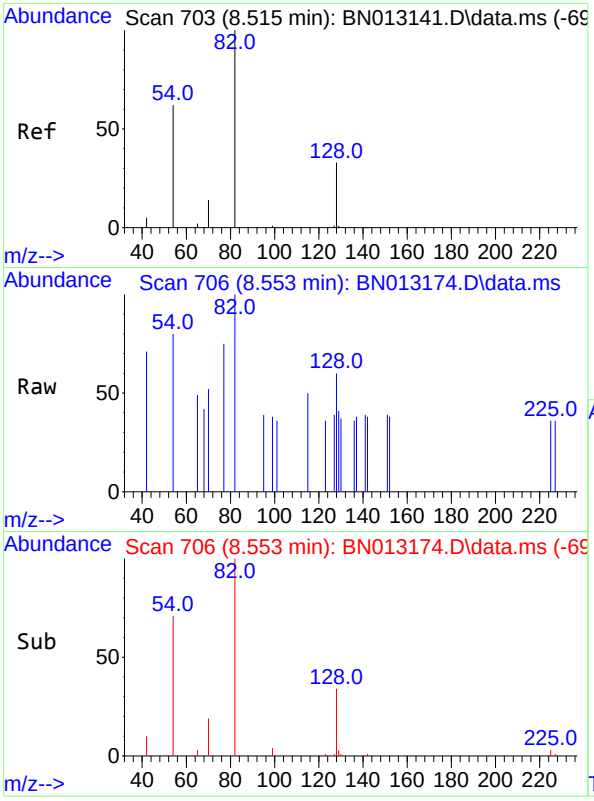
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:136 Resp: 1645

Ion	Ratio	Lower	Upper
136	100		
137	21.0	10.6	15.8#
54	19.9	8.6	12.8#
68	15.0	5.7	8.5#



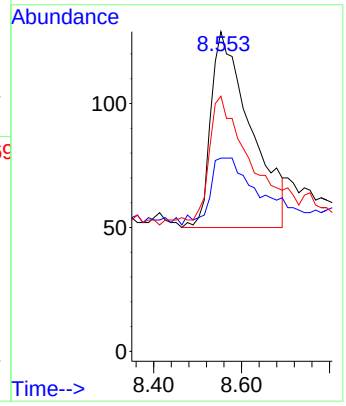
Instrument :
BNA_N
ClientSampleId :
RE104D3-20201209

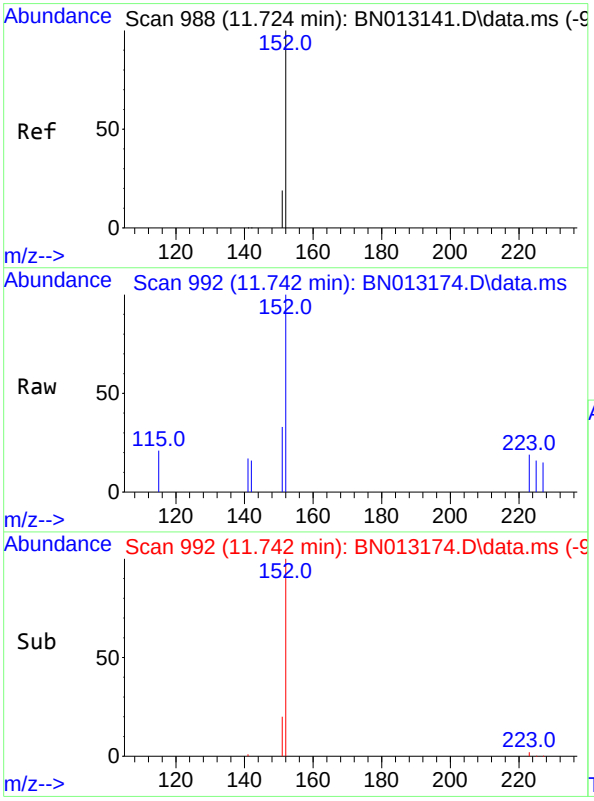


#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion: 82 Resp: 497

Ion	Ratio	Lower	Upper
82	100		
128	60.5	30.6	46.0#
54	79.8	48.3	72.5#

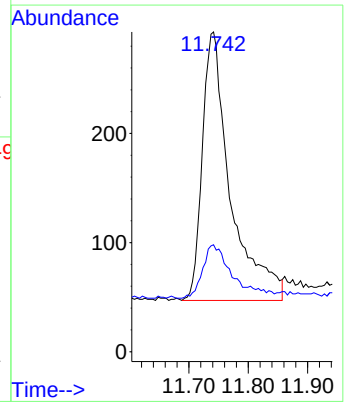




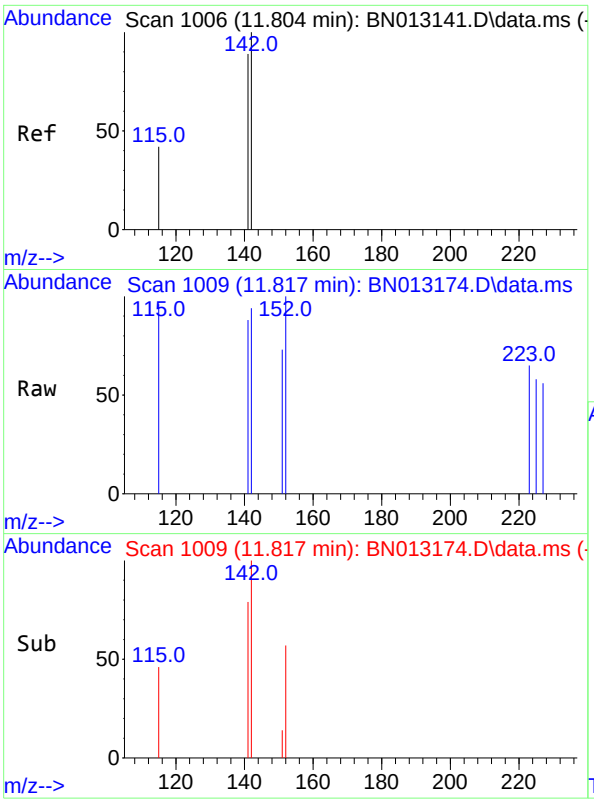
#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.018 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:152 Resp: 810

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.7	25.1



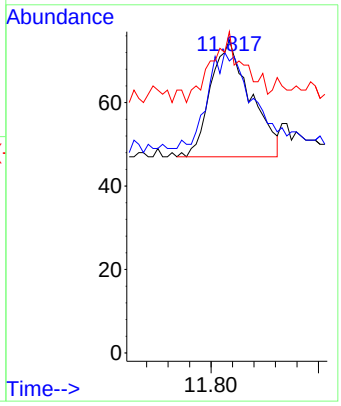
Instrument :
BNA_N
ClientSampleId :
RE104D3-20201209

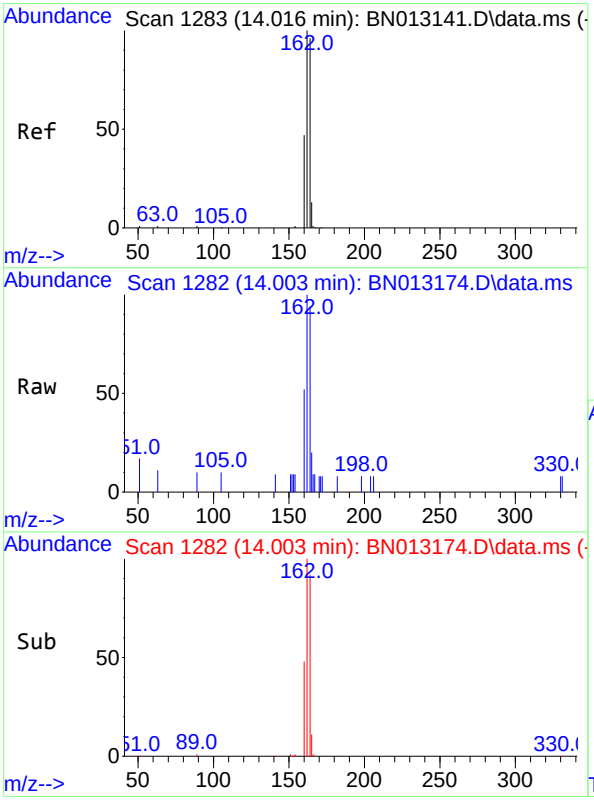


#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 11.817 min Scan# 1009
Delta R.T. 0.013 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:142 Resp: 72

Ion	Ratio	Lower	Upper
142	100		
141	93.3	69.4	104.2
115	102.7	35.7	53.5#

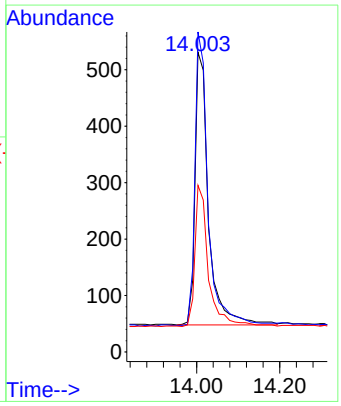




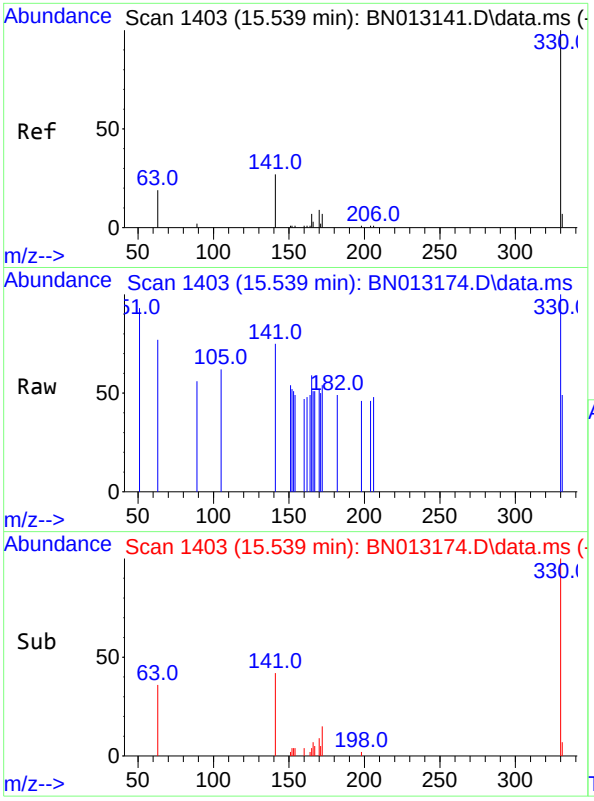
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.003 min Scan# 1282
Delta R.T. -0.013 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:164 Resp: 1085

Ion	Ratio	Lower	Upper
164	100		
162	106.8	80.6	120.8
160	55.6	39.5	59.3



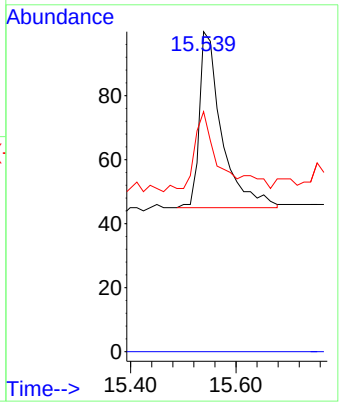
Instrument :
BNA_N
ClientSampleId :
RE104D3-20201209

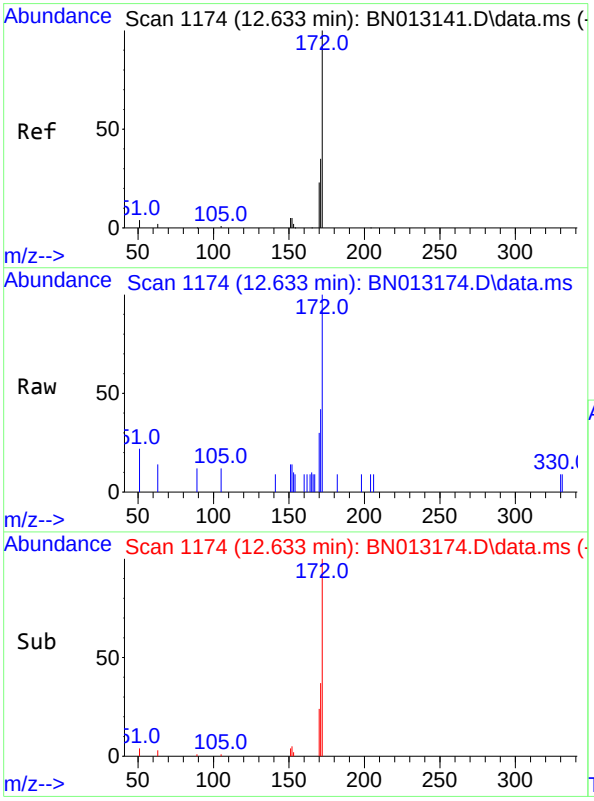


#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:330 Resp: 162

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.1	34.4	51.6#

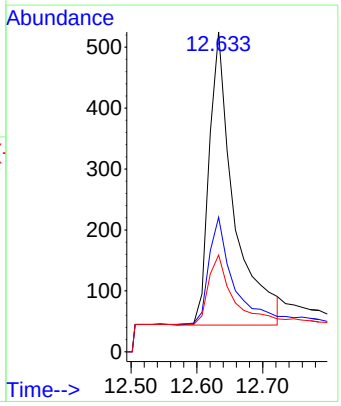




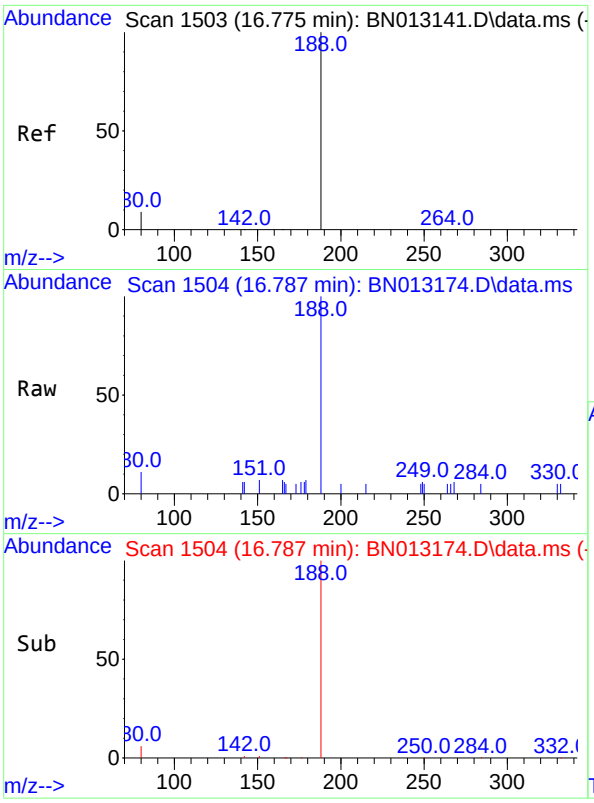
#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:172 Resp: 1255

Ion	Ratio	Lower	Upper
172	100		
171	42.1	28.2	42.4
170	30.3	20.0	30.0#



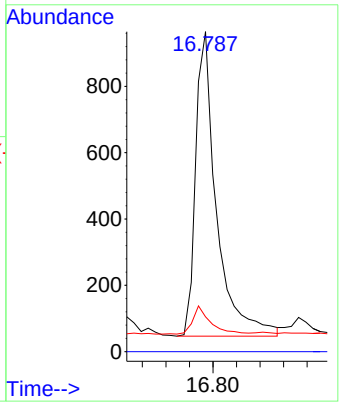
Instrument :
BNA_N
ClientSampleId :
RE104D3-20201209

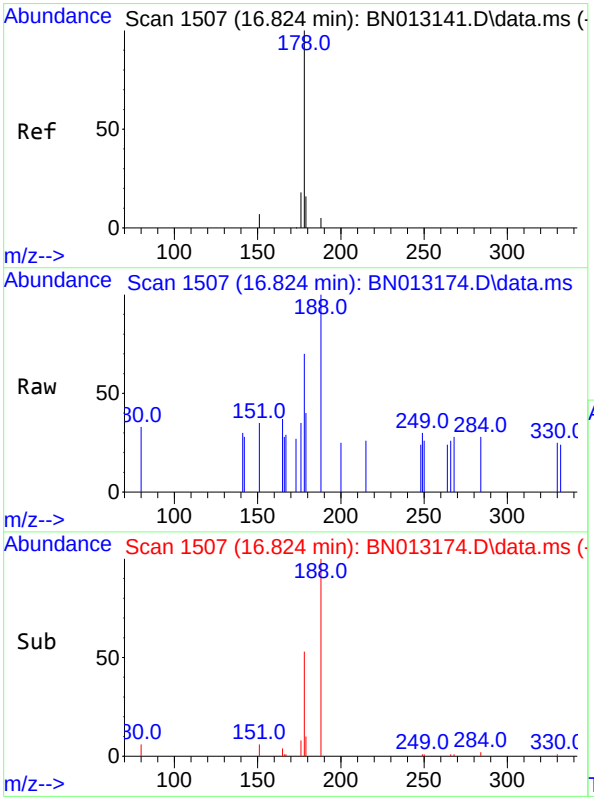


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:188 Resp: 2257

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	5.0	7.4#

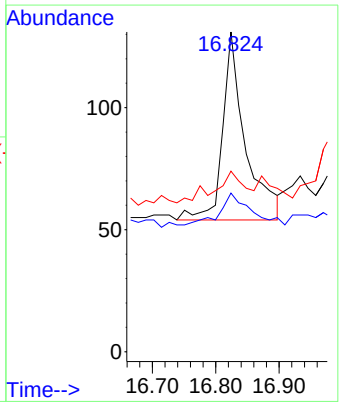


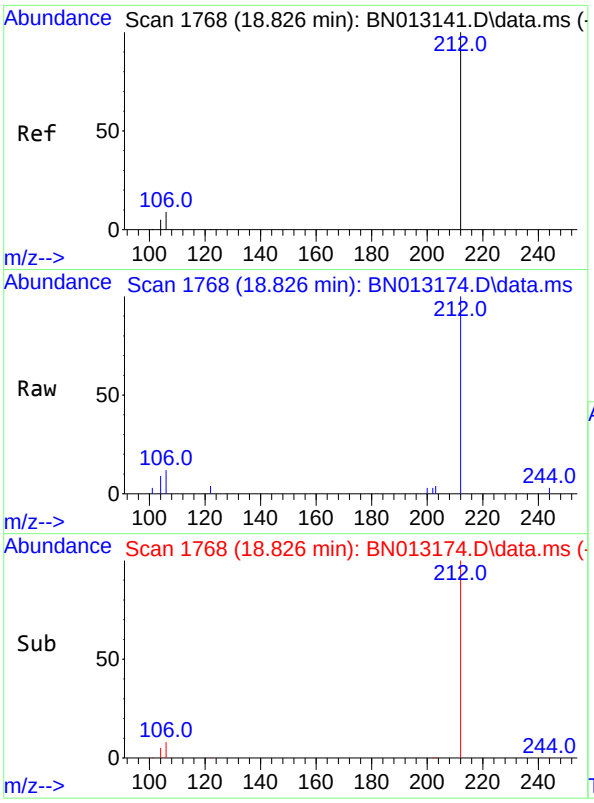


#25
Phenanthrene
Concen: 0.03 ng
RT: 16.824 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:178 Resp: 192

Ion	Ratio	Lower	Upper
178	100		
176	21.9	14.8	22.2
179	21.9	12.4	18.6#

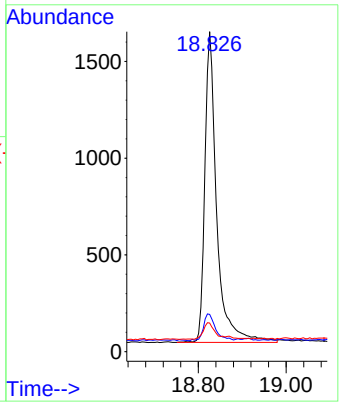




#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 18.826 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:212 Resp: 3006

Ion	Ratio	Lower	Upper
212	100		
106	8.6	6.8	10.2
104	5.4	4.1	6.1



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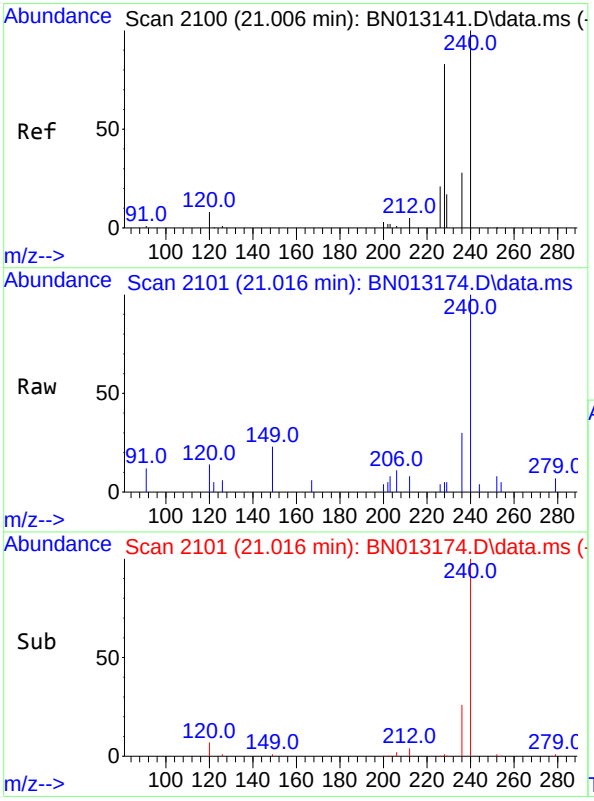
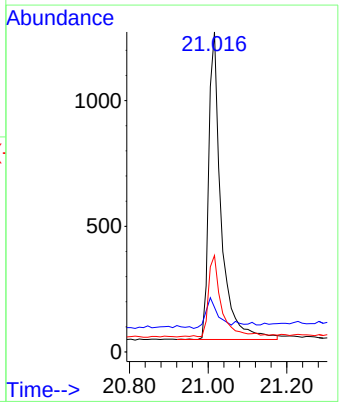
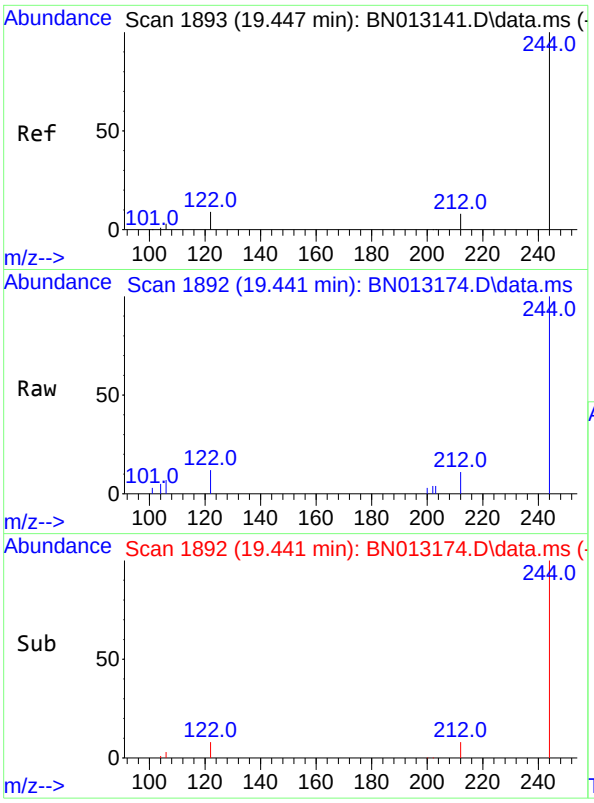


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:240 Resp: 2676

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.3	7.9#
236	30.2	21.8	32.8

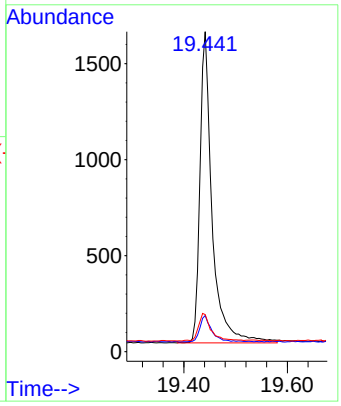




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:244 Resp: 2650

Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.3	10.9#
122	11.6	7.3	10.9#



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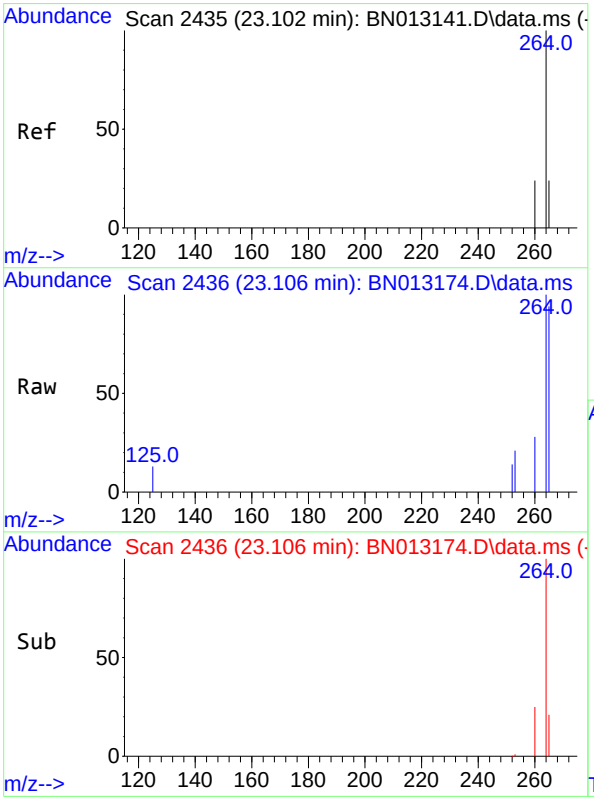

#36
Perylene-d12
Concen: 0.40 ng
RT: 23.106 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BN013174.D
Acq: 16 Dec 2020 20:20

Tgt Ion:264 Resp: 3057

Ion	Ratio	Lower	Upper
264	100		
260	27.8	19.8	29.6
265	94.0	51.4	77.0#