

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013175.D
 Acq On : 16 Dec 2020 20:56
 Operator : CG/JU
 Sample : L5053-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20201209

Quant Time: Dec 17 03:07:53 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)

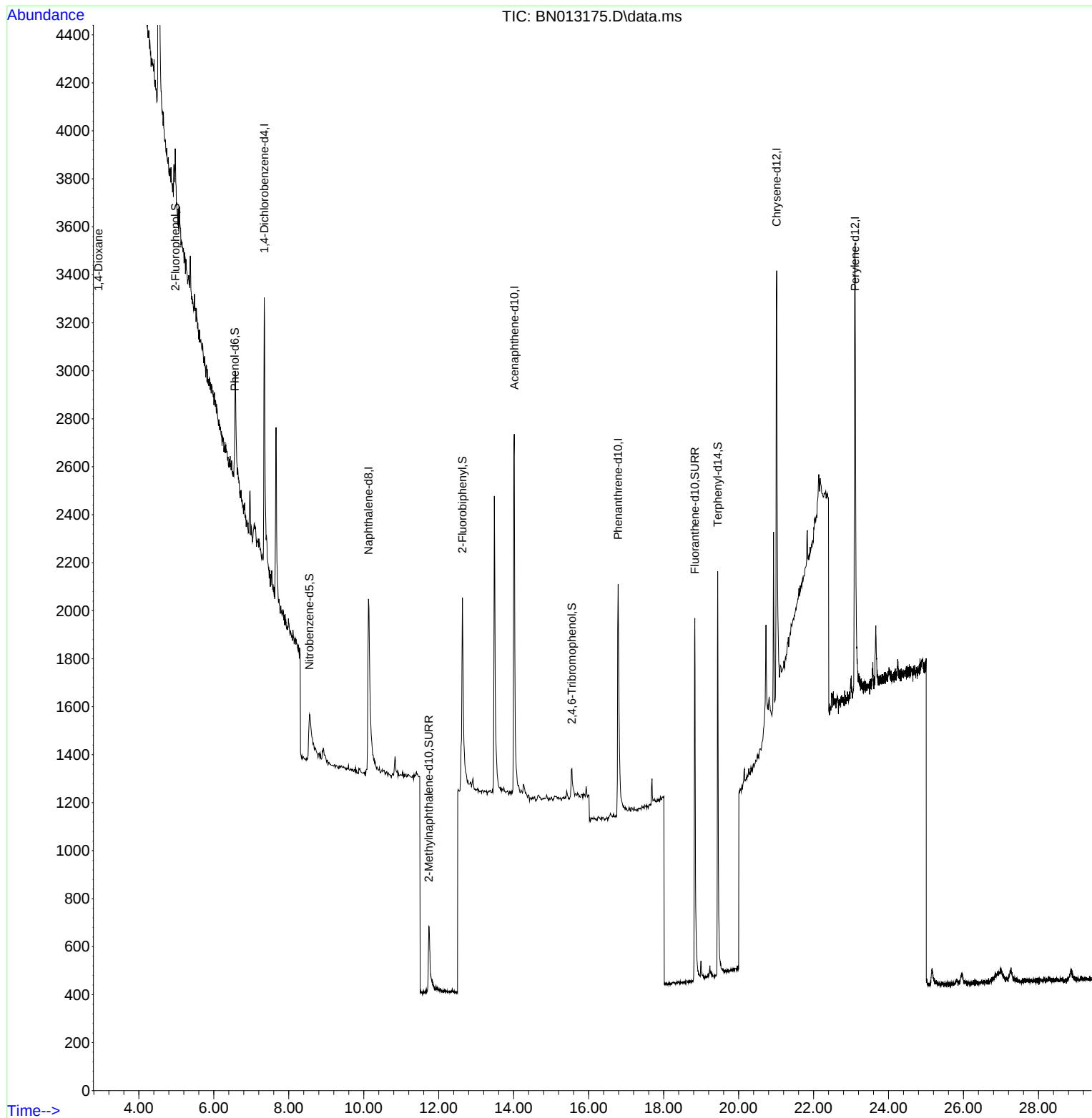
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	714	0.40	ng	0.00
7) Naphthalene-d8	10.124	136	2109	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1291	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2597	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2765	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3178	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	216	0.07	ng	0.00
5) Phenol-d6	6.556	99	120	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	477	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.737	152	841	0.23	ng	0.01
14) 2,4,6-Tribromophenol	15.551	330	155	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1200	0.22	ng	0.00
27) Fluoranthene-d10	18.831	212	2639	0.31	ng	0.00
31) Terphenyl-d14	19.441	244	2375	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.924	88	5981	4.80	ng	Qvalue 98

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

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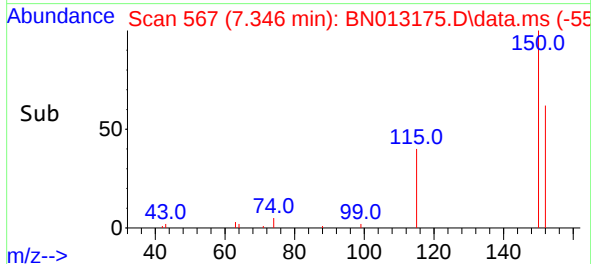
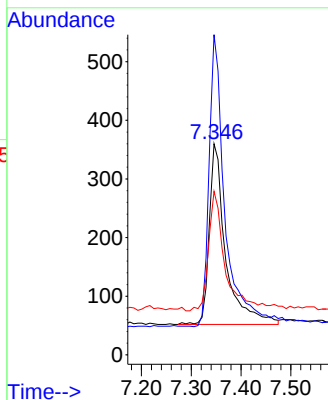
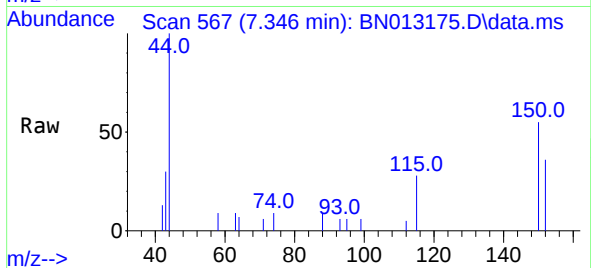


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

Tgt Ion: 152 Resp: 714

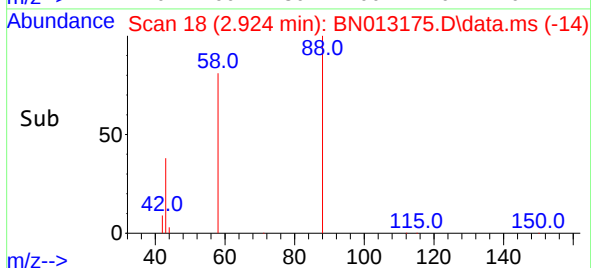
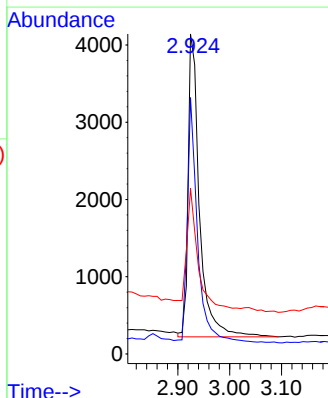
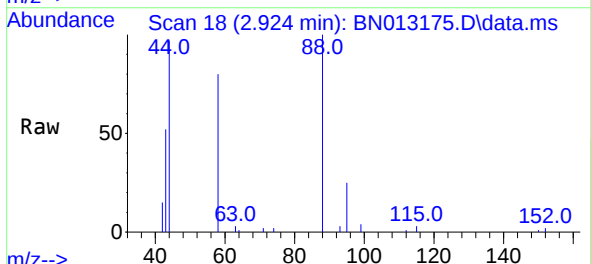
Ion	Ratio	Lower	Upper
152	100		
150	151.7	116.6	174.8
115	77.5	52.9	79.3



#2
1,4-Dioxane
Concen: 4.80 ng
RT: 2.924 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion: 88 Resp: 5981

Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.4	89.2
43	37.1	32.3	48.5

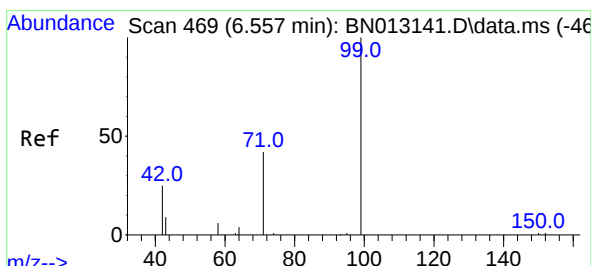
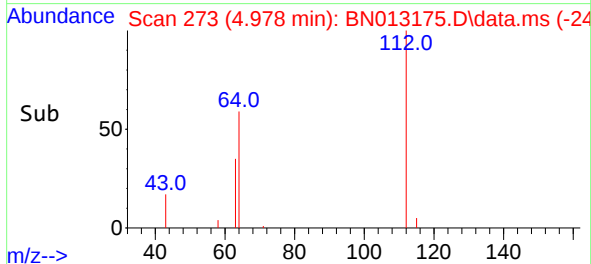
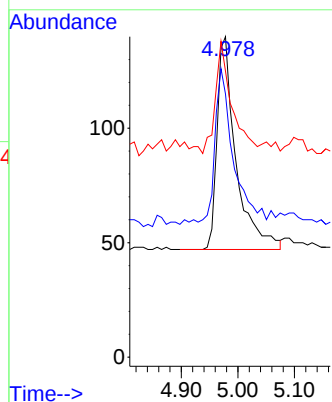
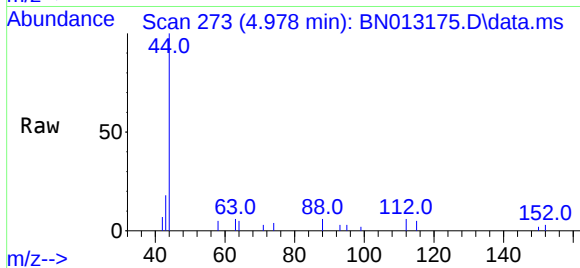




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

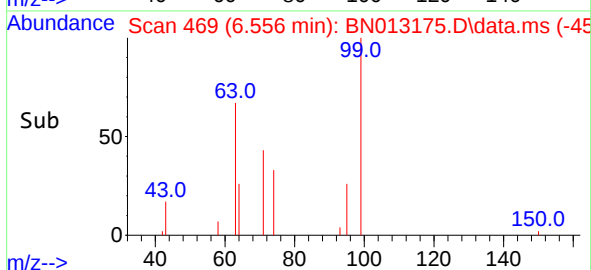
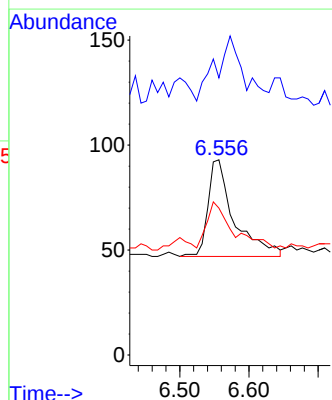
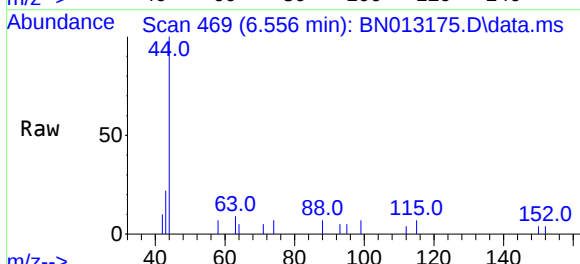
Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

Tgt Ion:112 Resp: 216
Ion Ratio Lower Upper
112 100
64 72.7 49.5 74.3
63 45.8 32.0 48.0



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.556 min Scan# 469
Delta R.T. -0.000 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion: 99 Resp: 120
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 46.7 37.8 56.6

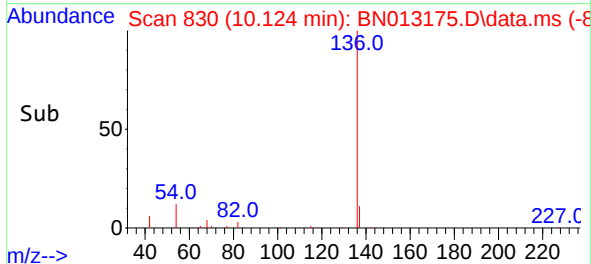
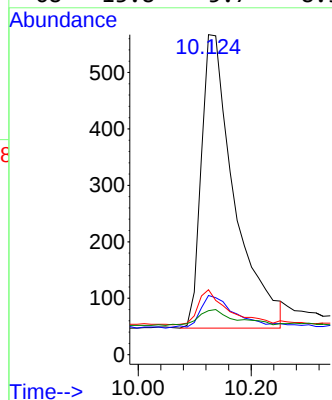
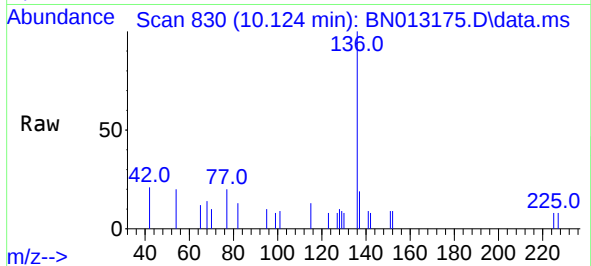




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.124 min Scan# 830
Delta R.T. 0.012 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

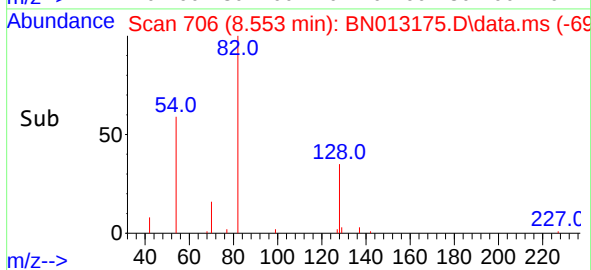
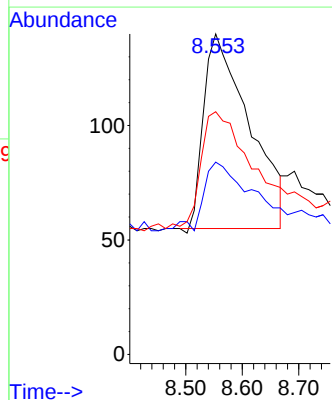
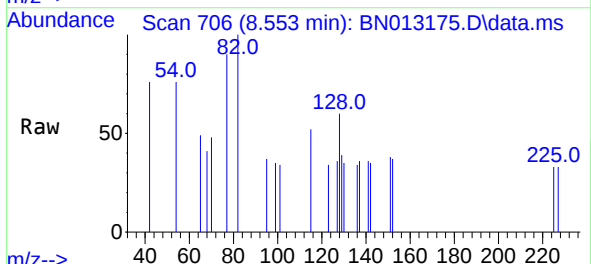
Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

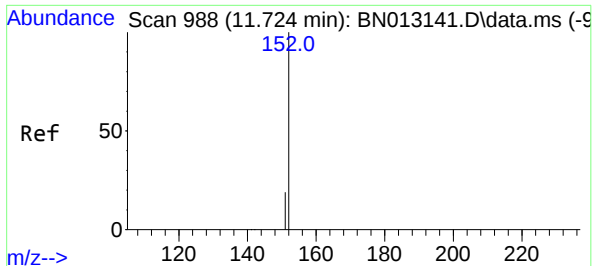
Tgt Ion:	136	Resp:	2109
Ion	Ratio	Lower	Upper
136	100		
137	18.5	10.6	15.8#
54	20.3	8.6	12.8#
68	13.8	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:	82	Resp:	477
Ion	Ratio	Lower	Upper
82	100		
128	60.0	30.6	46.0#
54	75.7	48.3	72.5#

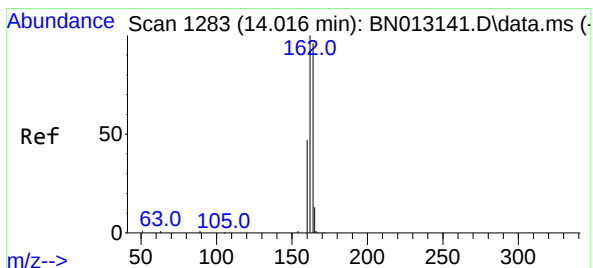
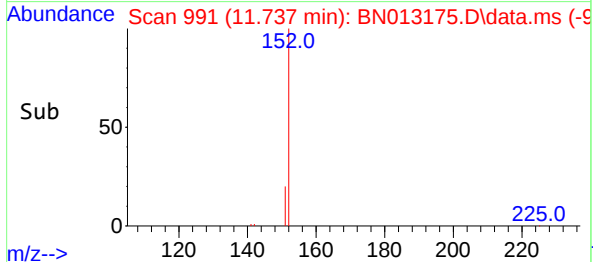
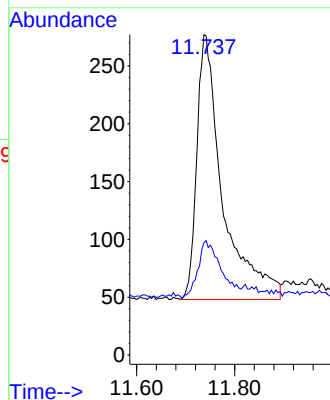
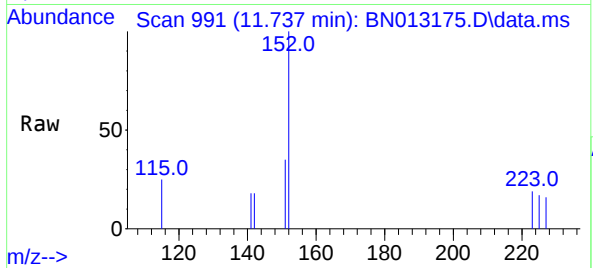




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.013 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

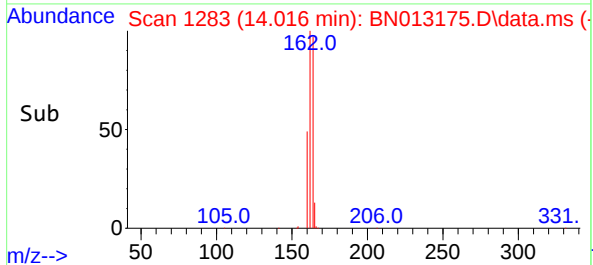
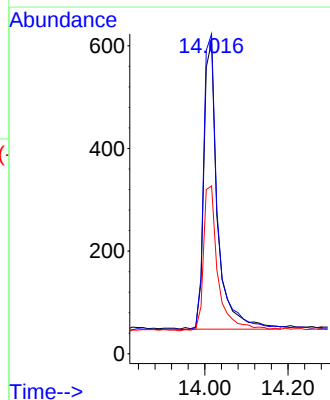
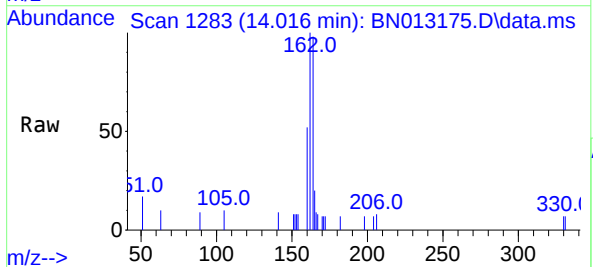
Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

Tgt Ion:152 Resp: 841
Ion Ratio Lower Upper
152 100
151 19.6 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: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:164 Resp: 1291
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 53.7 39.5 59.3

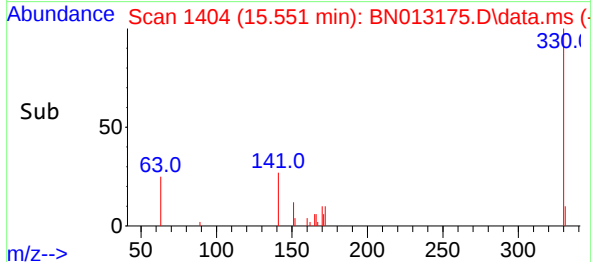
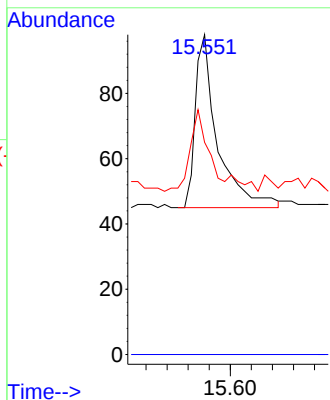
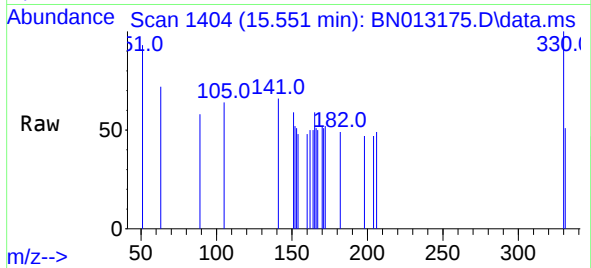




#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

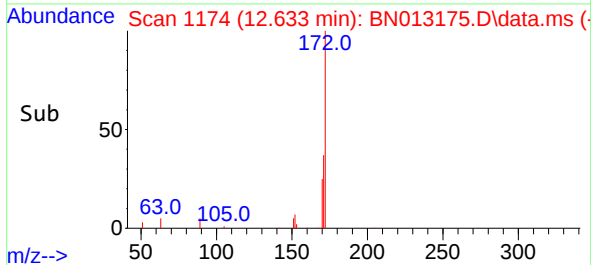
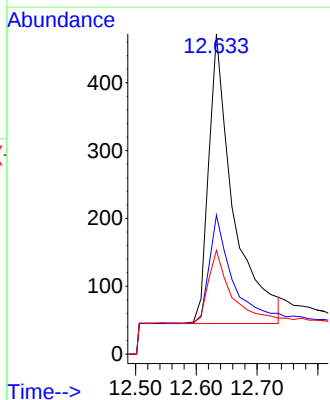
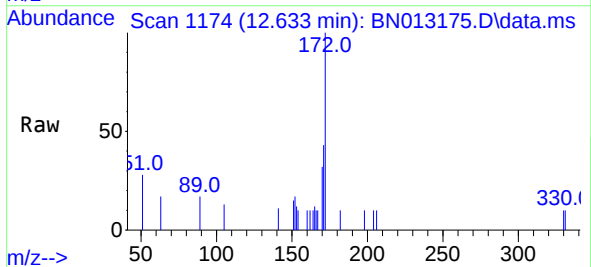
Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

Tgt Ion:	330	Resp:	155
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	38.7	34.4	51.6



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:	172	Resp:	1200
Ion Ratio	Lower	Upper	
172	100		
171	43.4	28.2	42.4#
170	32.4	20.0	30.0#

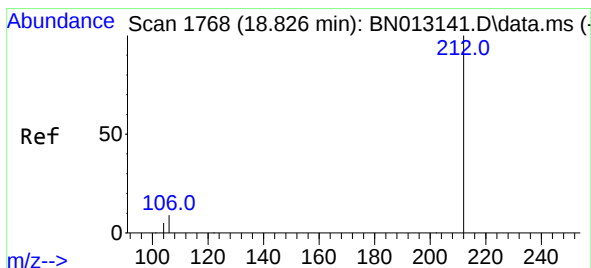
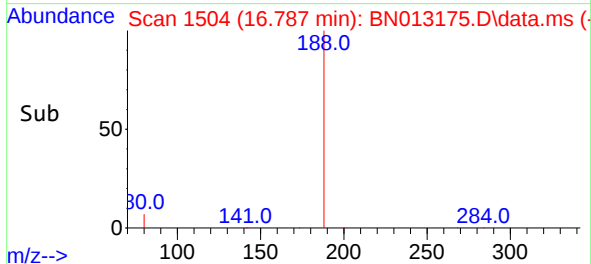
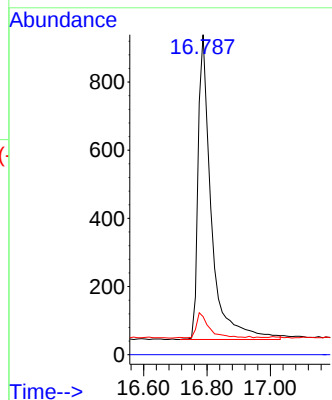
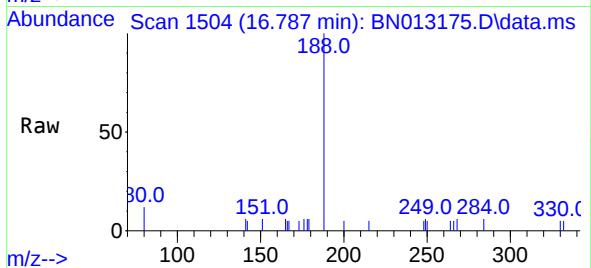




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

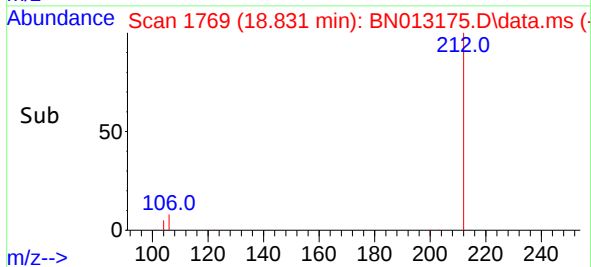
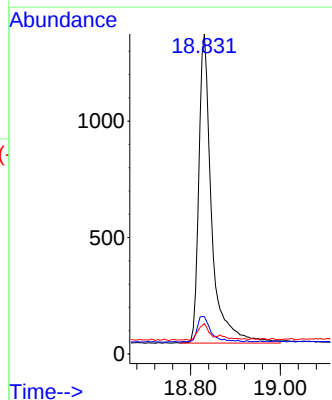
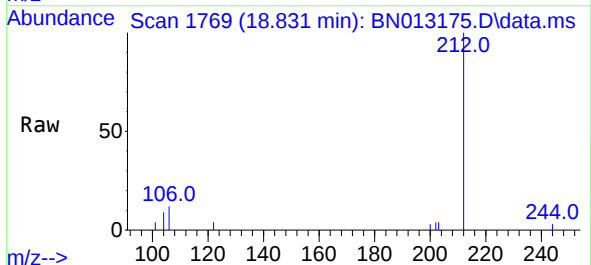
Instrument :
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Tgt Ion:	188	Resp:	2597
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	5.0	7.4#



#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:	212	Resp:	2639
Ion	Ratio	Lower	Upper
212	100		
106	8.8	6.8	10.2
104	4.6	4.1	6.1

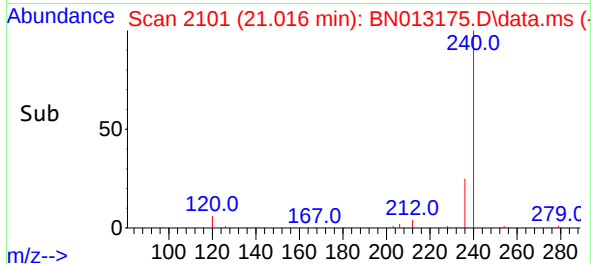
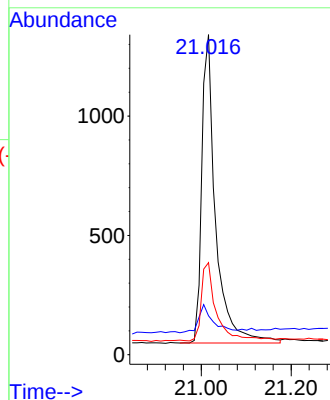
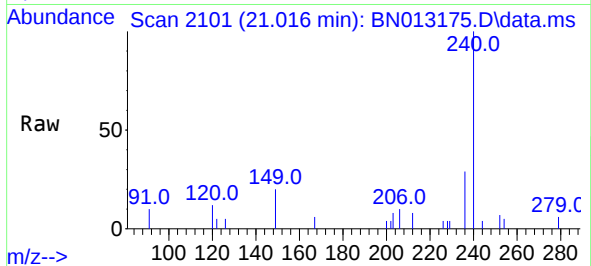




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

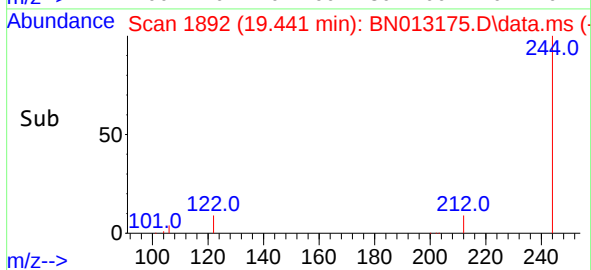
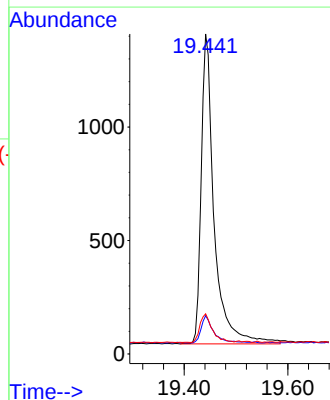
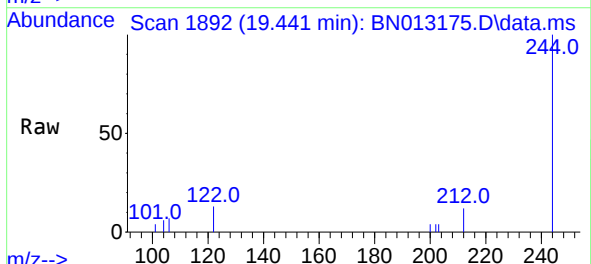
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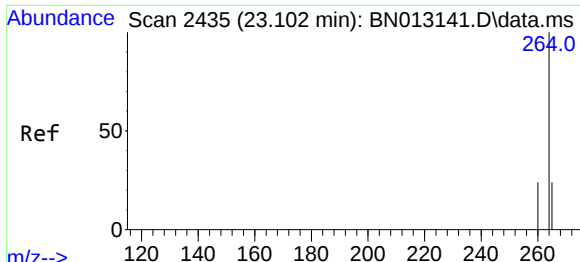
Tgt Ion:240 Resp: 2765
Ion Ratio Lower Upper
240 100
120 12.2 5.3 7.9#
236 28.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:244 Resp: 2375
Ion Ratio Lower Upper
244 100
212 12.0 7.3 10.9#
122 12.6 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.102 min Scan# 2435
 Delta R.T. -0.000 min
 Lab File: BN013175.D
 Acq: 16 Dec 2020 20:56

Instrument :
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Tgt Ion:	264	Resp:	3178
Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.8	29.6
265	89.8	51.4	77.0#

