

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
 Data File : BN013220.D
 Acq On : 18 Dec 2020 22:05
 Operator : CG/JU
 Sample : L5053-15DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP0420201210DL

Quant Time: Dec 19 01:12:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

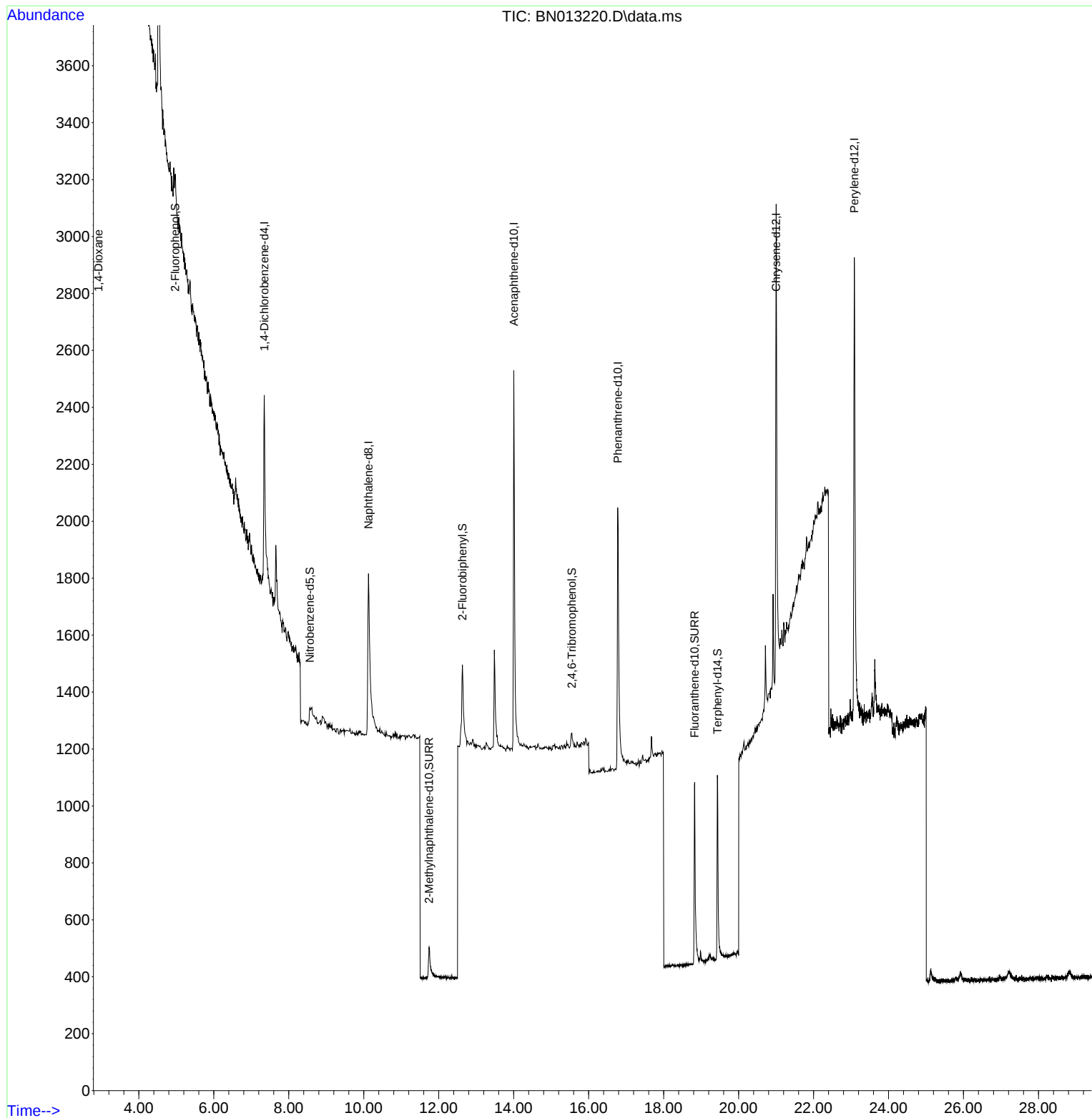
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	578	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1679	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1100	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2440	0.40	ng	# 0.00
29) Chrysene-d12	21.003	240	2521	0.40	ng	# 0.00
36) Perylene-d12	23.086	264	2743	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	92	0.04	ng	0.00
5) Phenol-d6	6.573	99	30	0.01	ng	0.02
8) Nitrobenzene-d5	8.566	82	198	0.11	ng	0.04
11) 2-Methylnaphthalene-d10	11.742	152	307	0.10	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	75	0.11	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	511	0.11	ng	0.00
27) Fluoranthene-d10	18.828	212	1207	0.15	ng	0.00
31) Terphenyl-d14	19.439	244	1062	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.925	88	4604	4.57	ng	Qvalue 96

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

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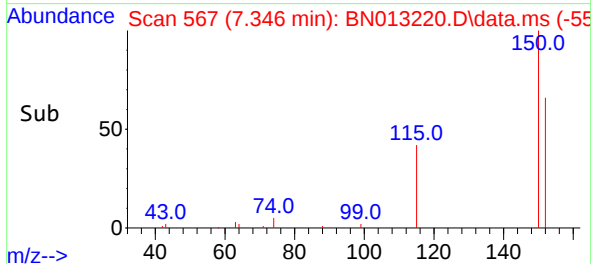
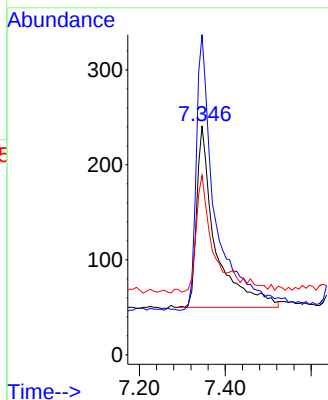
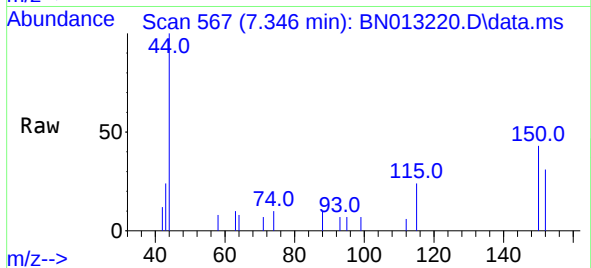




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

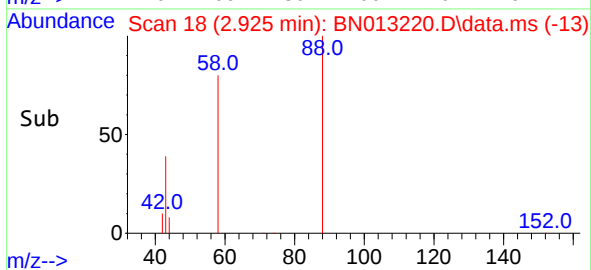
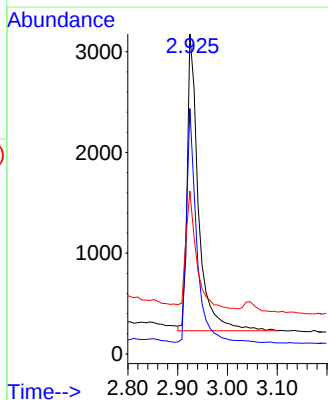
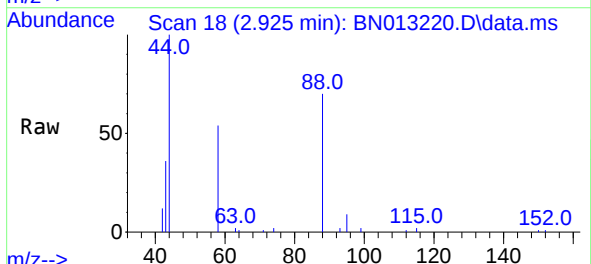
Instrument :
BNA_N
ClientSampleId :
DUP0420201210DL

Tgt Ion:152 Resp: 578
Ion Ratio Lower Upper
152 100
150 139.8 116.6 174.8
115 78.4 52.9 79.3



#2
1,4-Dioxane
Concen: 4.57 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.008 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Tgt Ion: 88 Resp: 4604
Ion Ratio Lower Upper
88 100
58 71.4 59.4 89.2
43 37.4 32.3 48.5



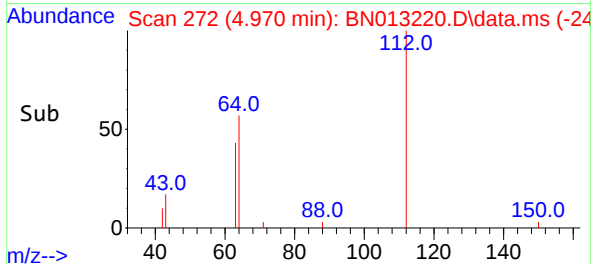
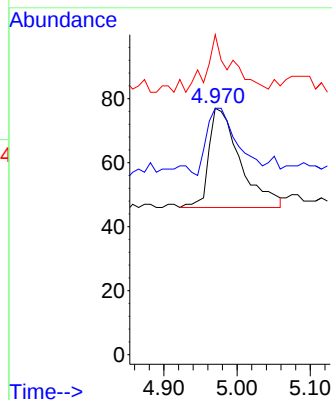
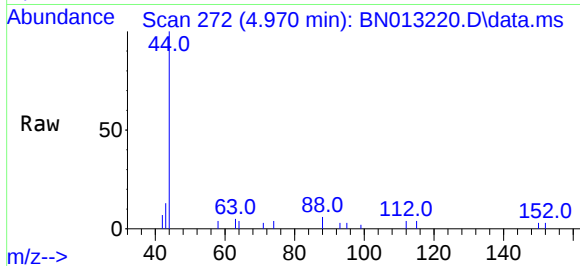


#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.008 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Instrument :
BNA_N
ClientSampleId :
DUP0420201210DL

Tgt Ion: 112 Resp: 92

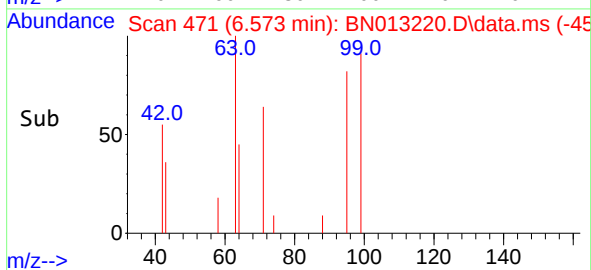
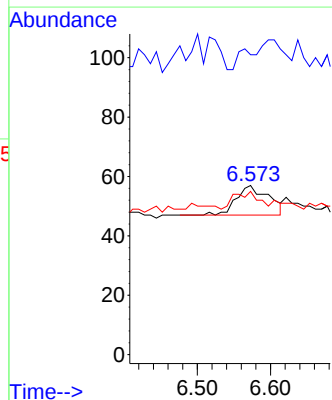
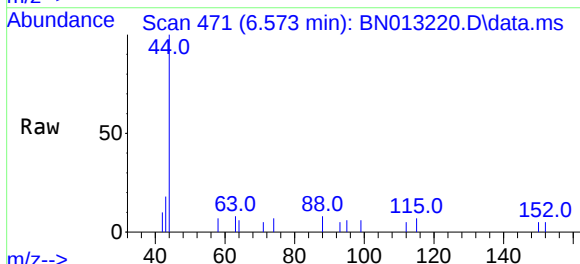
Ion	Ratio	Lower	Upper
112	100		
64	66.3	49.5	74.3
63	53.3	32.0	48.0

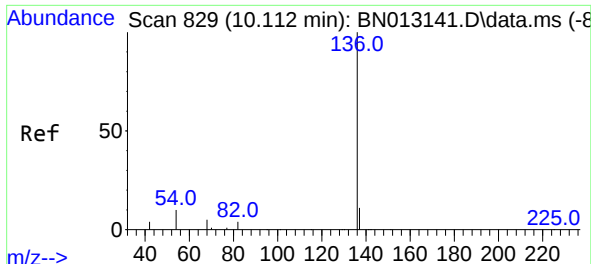


#5
Phenol-d6
Concen: 0.01 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Tgt Ion: 99 Resp: 30

Ion	Ratio	Lower	Upper
99	100		
42	30.0	22.4	33.6
71	46.7	37.8	56.6



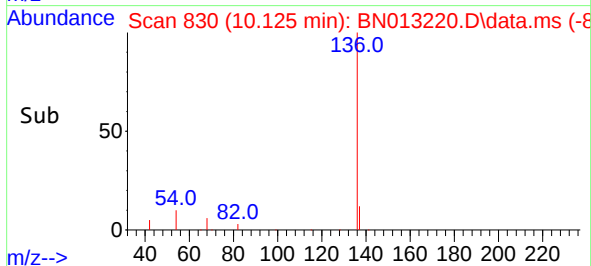
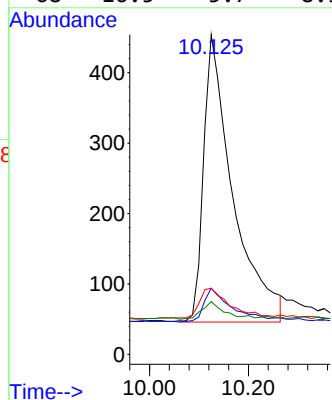
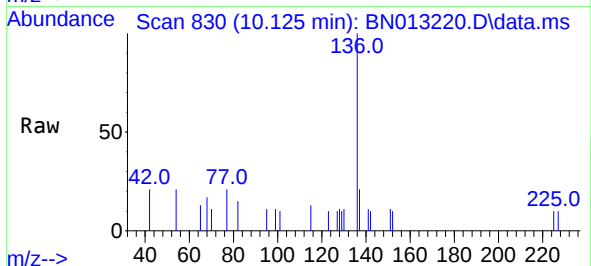


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Instrument :
BNA_N
ClientSampleId :
DUP0420201210DL

Tgt Ion: 136 Resp: 1679

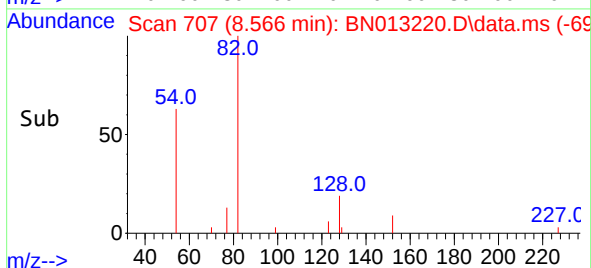
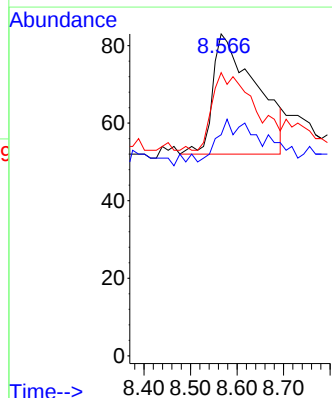
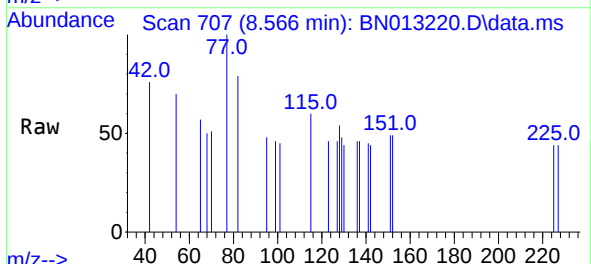
Ion	Ratio	Lower	Upper
136	100		
137	20.7	10.6	15.8#
54	20.7	8.6	12.8#
68	16.5	5.7	8.5#

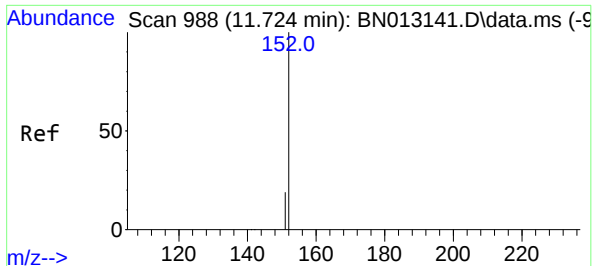


#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.038 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Tgt Ion: 82 Resp: 198

Ion	Ratio	Lower	Upper
82	100		
128	68.7	30.6	46.0#
54	88.0	48.3	72.5#

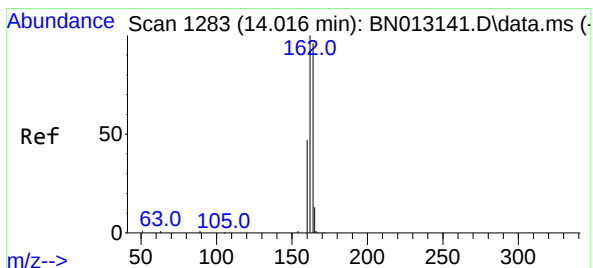
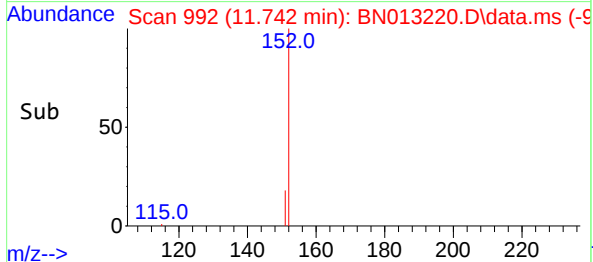
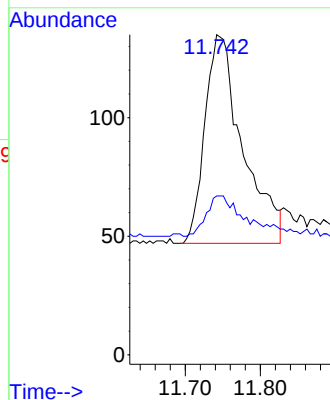
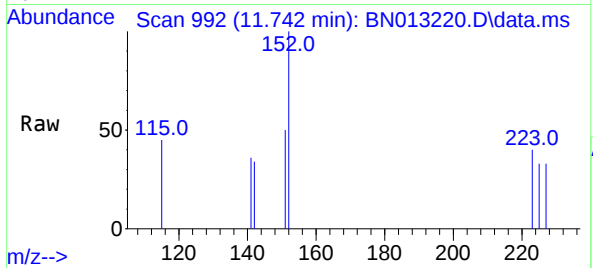




#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.018 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

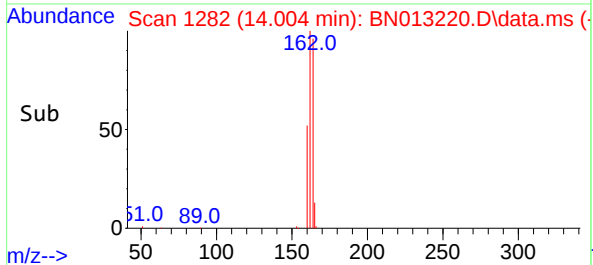
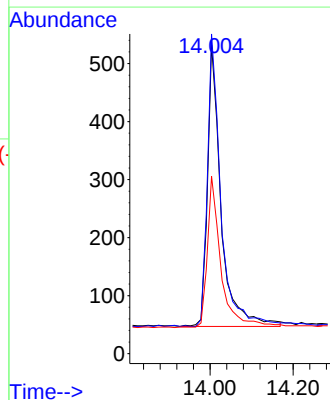
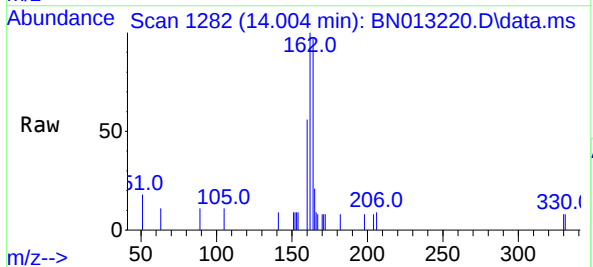
Instrument :
BNA_N
ClientSampleId :
DUP0420201210DL

Tgt Ion:152 Resp: 307
Ion Ratio Lower Upper
152 100
151 17.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Tgt Ion:164 Resp: 1100
Ion Ratio Lower Upper
164 100
162 103.6 80.6 120.8
160 57.5 39.5 59.3

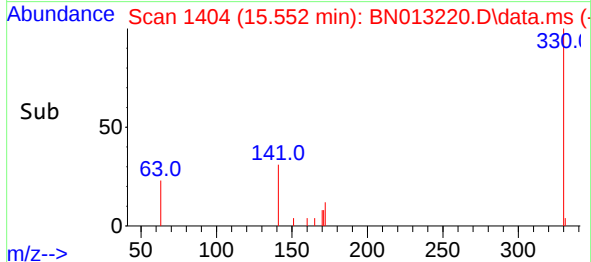
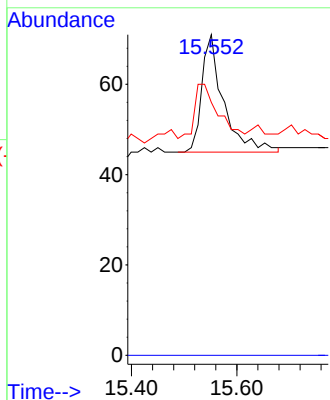
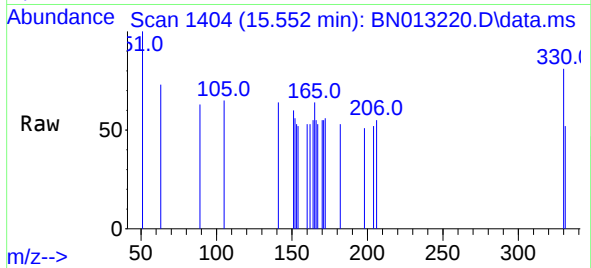




#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

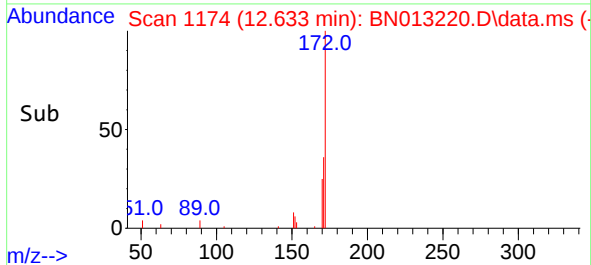
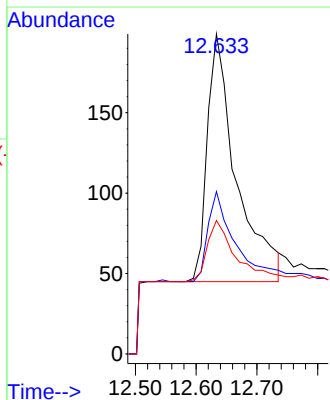
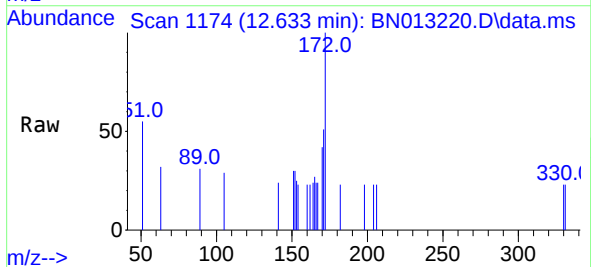
Instrument :
BNA_N
ClientSampleId :
DUP0420201210DL

Tgt Ion:330 Resp: 75
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Tgt Ion:172 Resp: 511
Ion Ratio Lower Upper
172 100
171 50.8 28.2 42.4#
170 41.7 20.0 30.0#

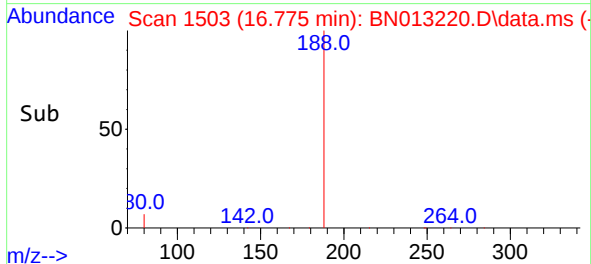
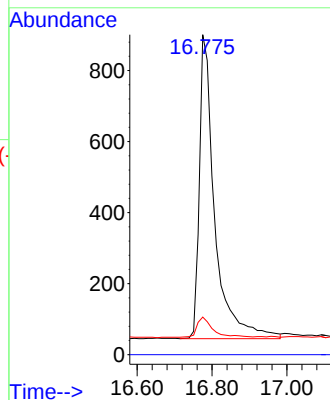
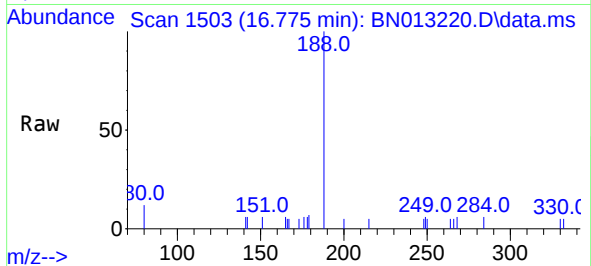




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

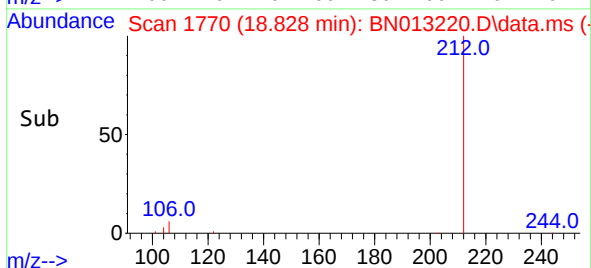
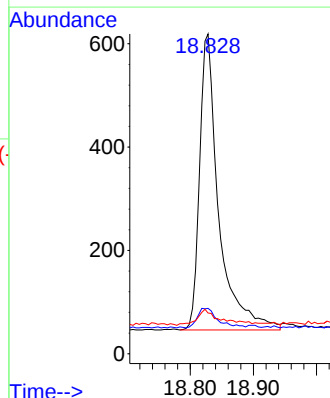
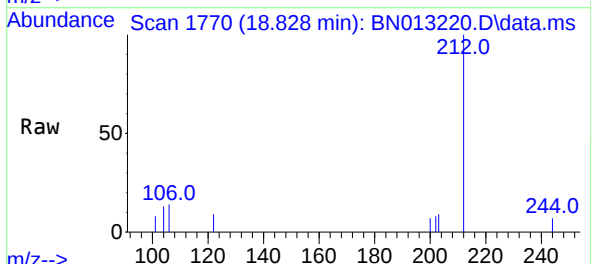
Instrument :
BNA_N
ClientSampleId :
DUP0420201210DL

Tgt Ion:188	Resp:	2440
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.8	5.0



#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.007 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Tgt Ion:212	Resp:	1207
Ion Ratio	Lower	Upper
212	100	
106	7.0	6.8
104	6.9	4.1

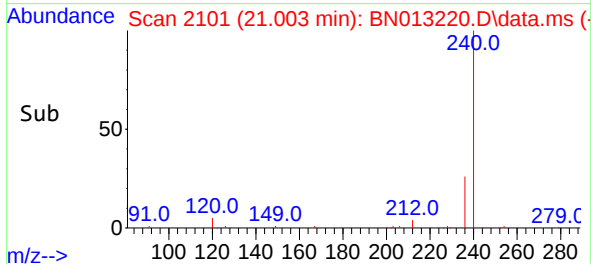
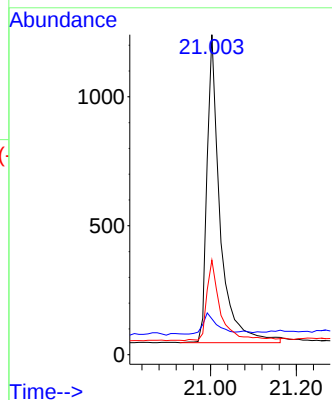
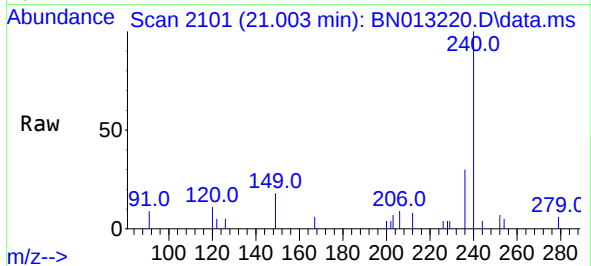




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

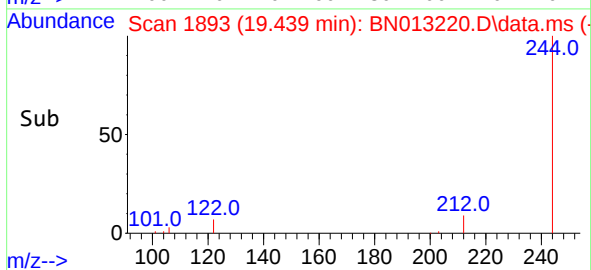
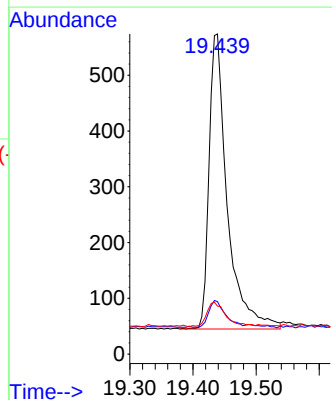
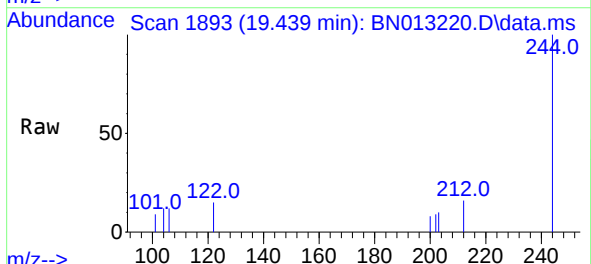
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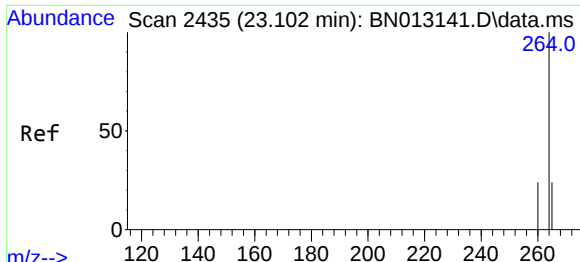
Tgt Ion:240 Resp: 2521
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 29.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.17 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BN013220.D
Acq: 18 Dec 2020 22:05

Tgt Ion:244 Resp: 1062
Ion Ratio Lower Upper
244 100
212 16.4 7.3 10.9#
122 15.0 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.086 min Scan# 2432
 Delta R.T. -0.010 min
 Lab File: BN013220.D
 Acq: 18 Dec 2020 22:05

Instrument :
 BNA_N
 ClientSampleId :
 DUP0420201210DL

Tgt Ion:	264	Resp:	2743
Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.8	29.6
265	84.0	51.4	77.0#

