

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013203.D
 Acq On : 18 Dec 2020 03:54
 Operator : CG/JU
 Sample : L5053-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP0420201210

Quant Time: Dec 18 04:43:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

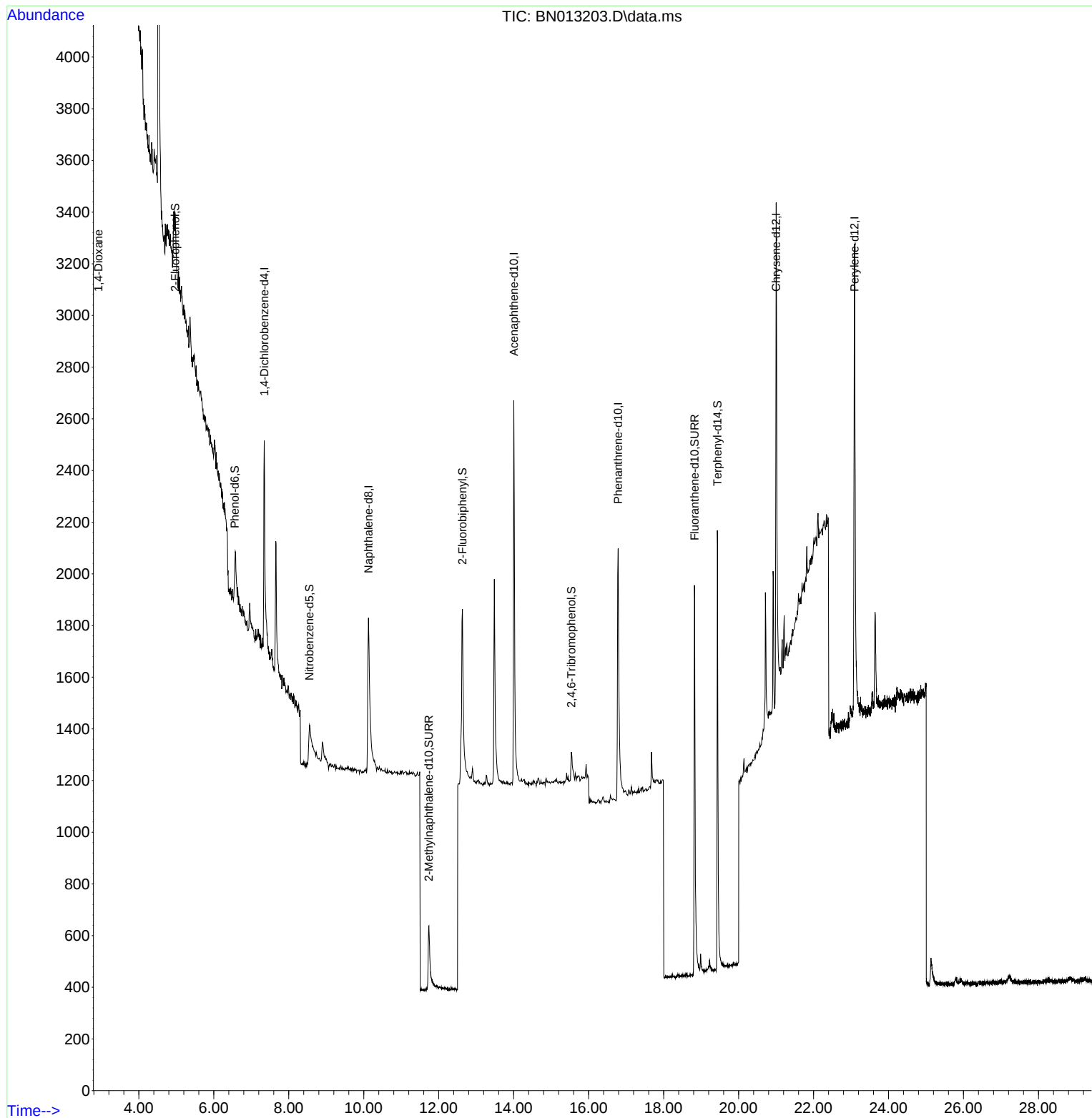
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	558	0.40	ng	# 0.00
7) Naphthalene-d8	10.125	136	1706	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1163	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2576	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2751	0.40	ng	# 0.00
36) Perylene-d12	23.093	264	3011	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	196	0.09	ng	0.00
5) Phenol-d6	6.557	99	92	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	399	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.733	152	734	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	167	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1116	0.23	ng	0.00
27) Fluoranthene-d10	18.823	212	2738	0.32	ng	0.00
31) Terphenyl-d14	19.434	244	2450	0.35	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.925	88	7353	7.56	ng	Qvalue 92

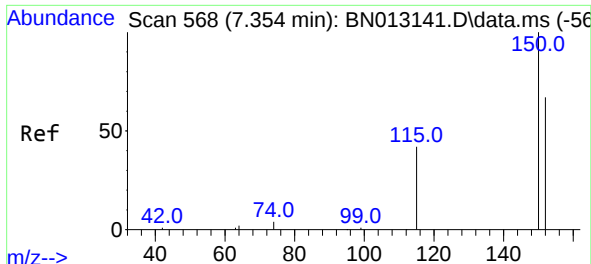
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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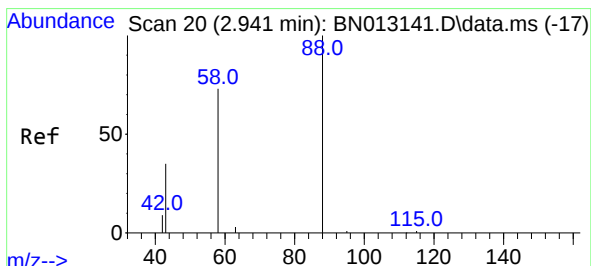
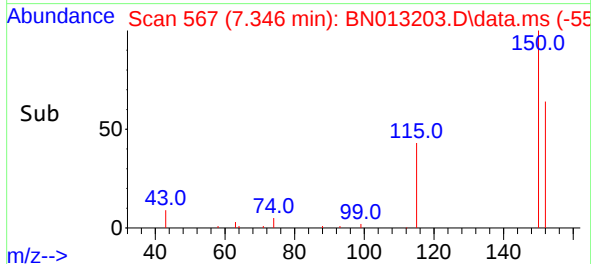
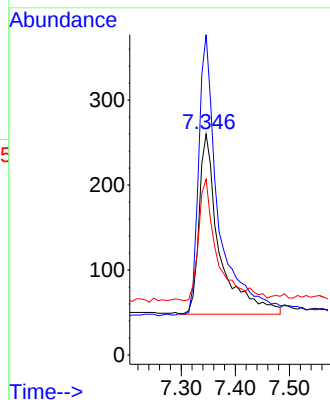
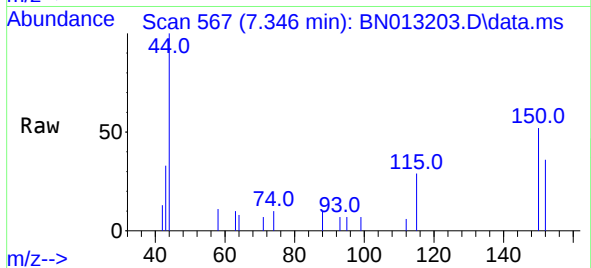




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

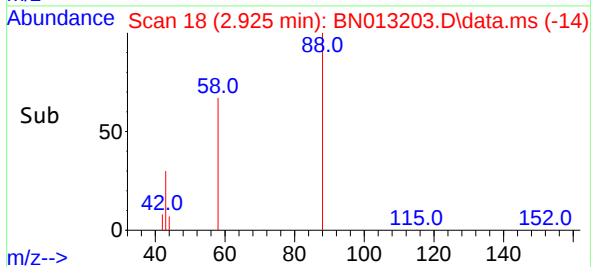
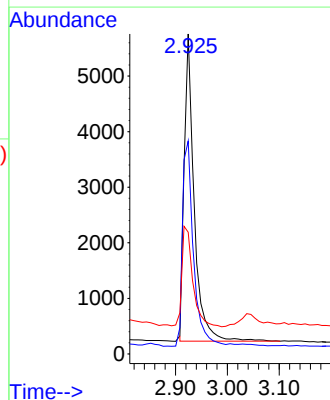
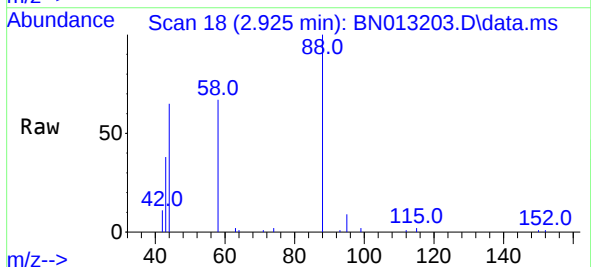
Instrument :
BNA_N
ClientSampleId :
DUP0420201210

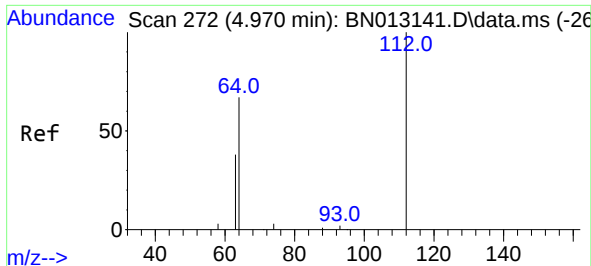
Tgt Ion:152 Resp: 558
Ion Ratio Lower Upper
152 100
150 145.0 116.6 174.8
115 79.6 52.9 79.3#



#2
1,4-Dioxane
Concen: 7.56 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 88 Resp: 7353
Ion Ratio Lower Upper
88 100
58 69.1 59.4 89.2
43 33.8 32.3 48.5



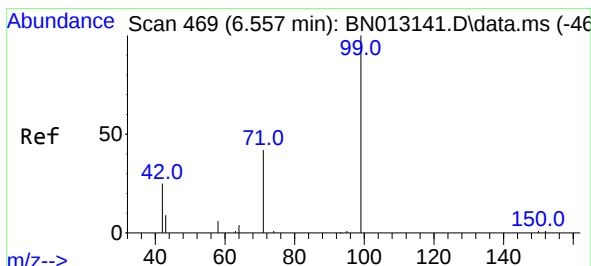
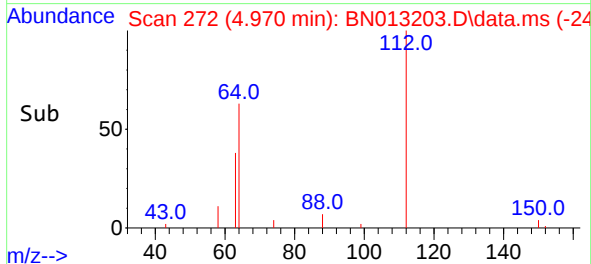
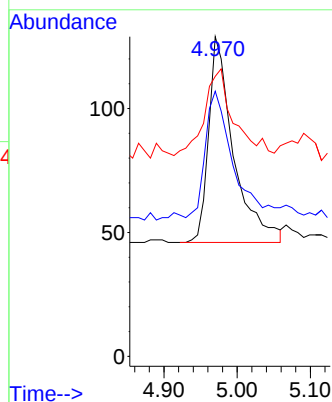
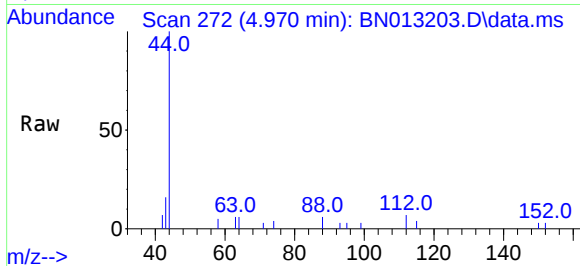


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Instrument :
BNA_N
ClientSampleId :
DUP0420201210

Tgt Ion: 112 Resp: 196

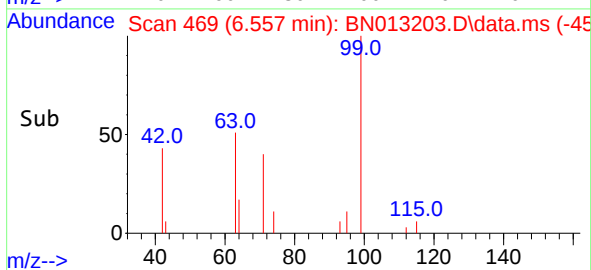
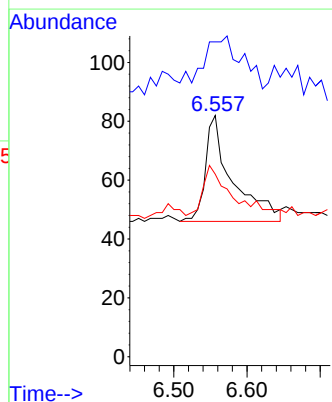
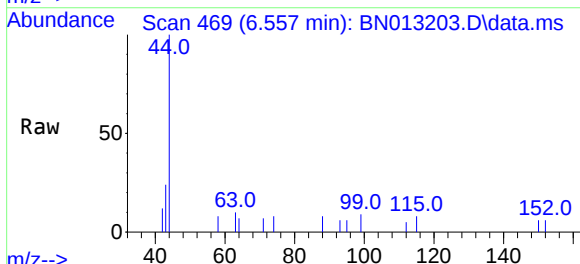
Ion	Ratio	Lower	Upper
112	100		
64	71.4	49.5	74.3
63	57.7	32.0	48.0

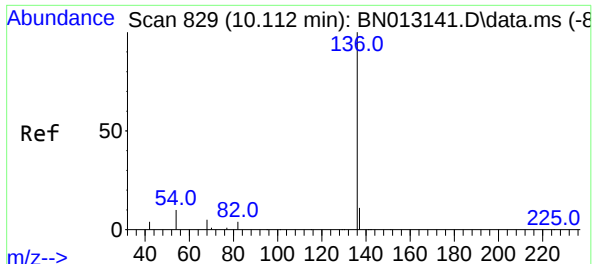


#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 99 Resp: 92

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6
71	52.2	37.8	56.6



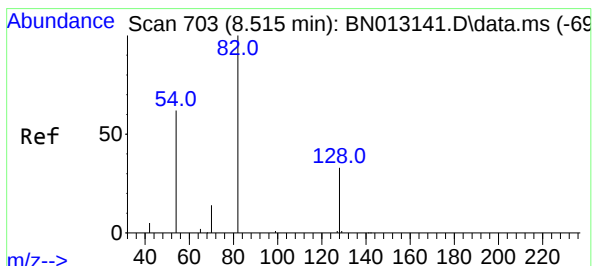
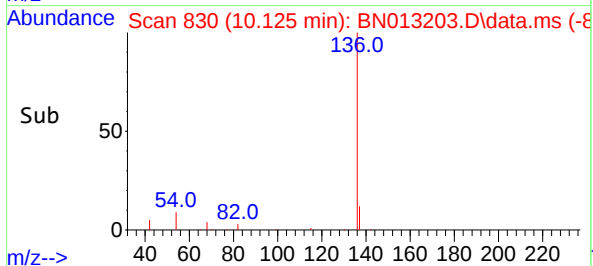
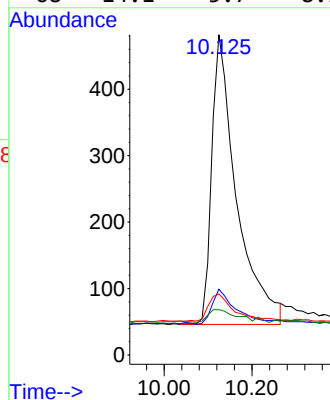
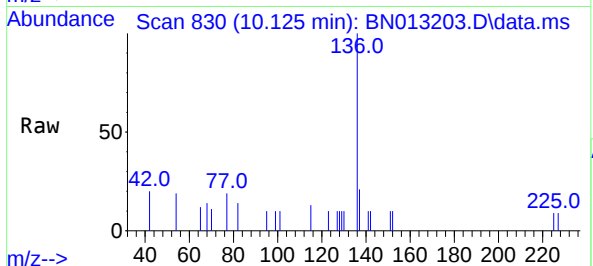


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Instrument :
BNA_N
ClientSampleId :
DUP0420201210

Tgt Ion: 136 Resp: 1706

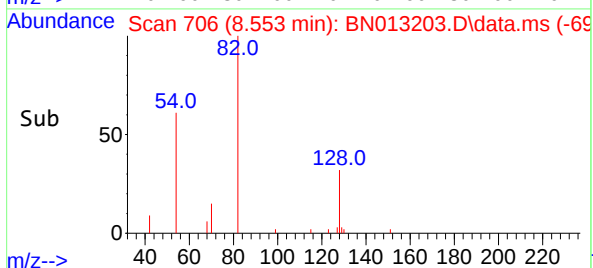
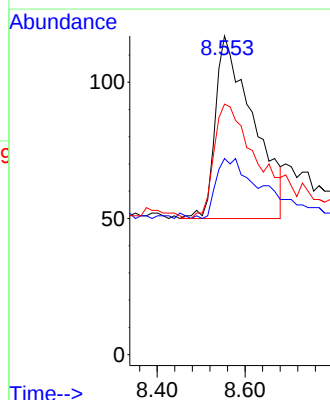
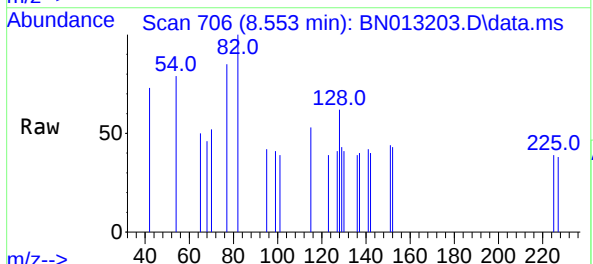
Ion	Ratio	Lower	Upper
136	100		
137	20.5	10.6	15.8#
54	19.1	8.6	12.8#
68	14.1	5.7	8.5#

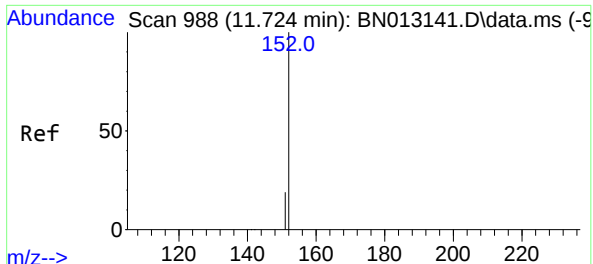


#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 82 Resp: 399

Ion	Ratio	Lower	Upper
82	100		
128	61.5	30.6	46.0#
54	78.6	48.3	72.5#

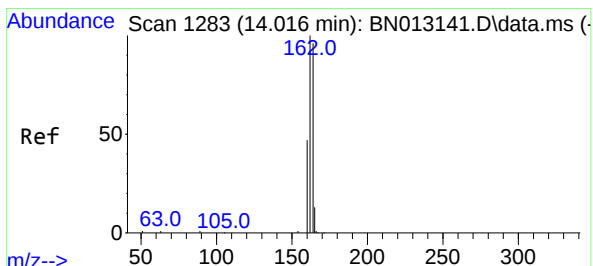
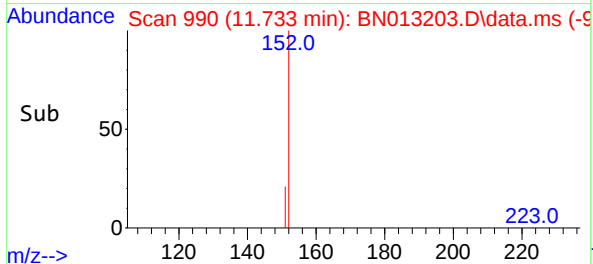
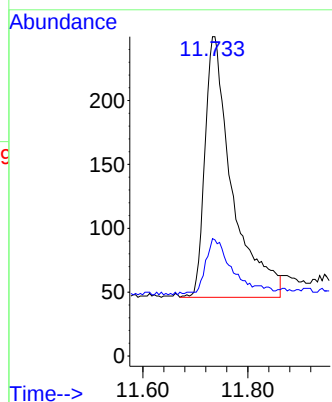
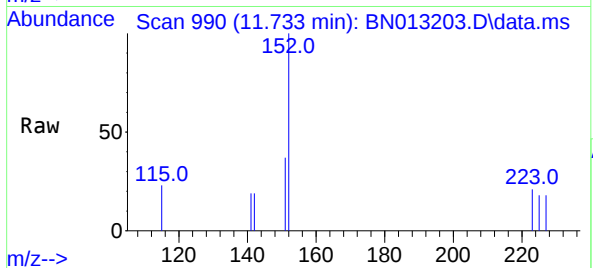




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.005 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

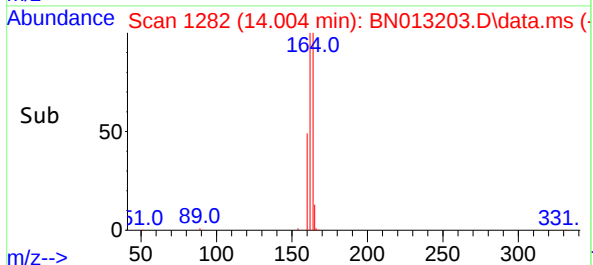
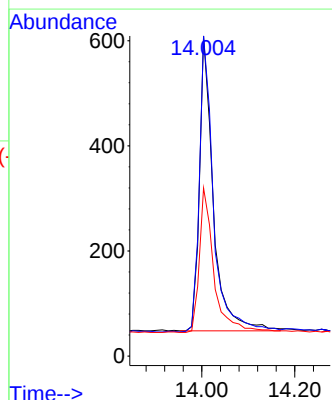
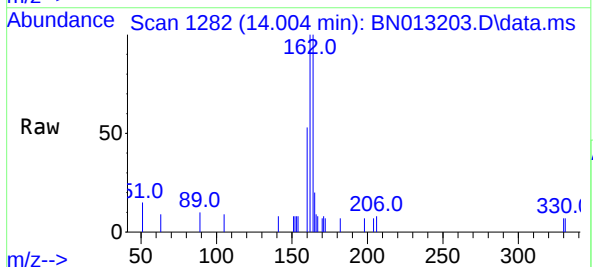
Instrument :
BNA_N
ClientSampleId :
DUP0420201210

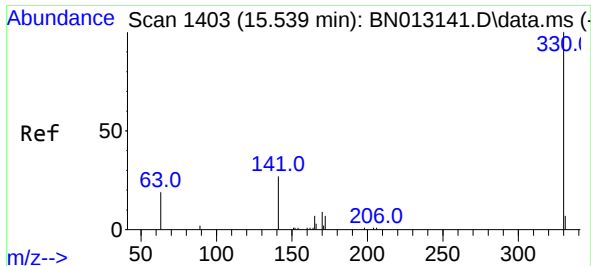
Tgt Ion:152 Resp: 734
Ion Ratio Lower Upper
152 100
151 17.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:164 Resp: 1163
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 52.5 39.5 59.3

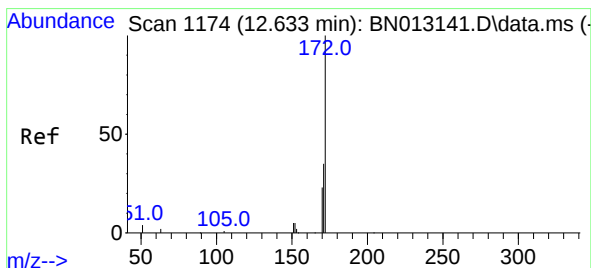
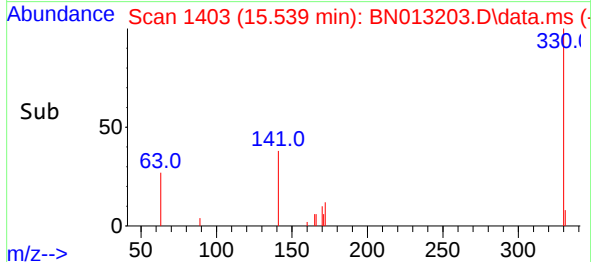
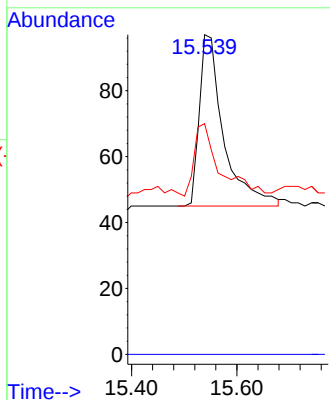
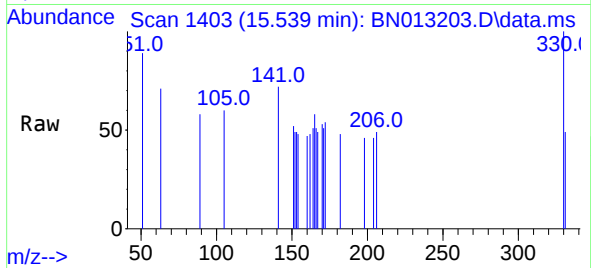




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

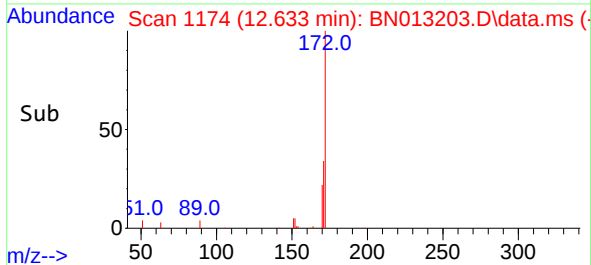
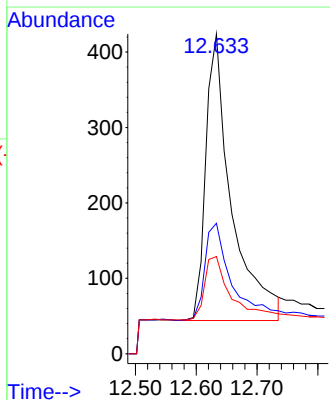
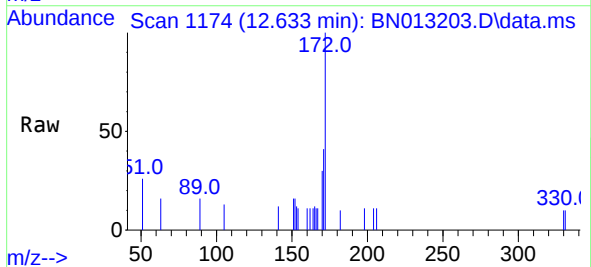
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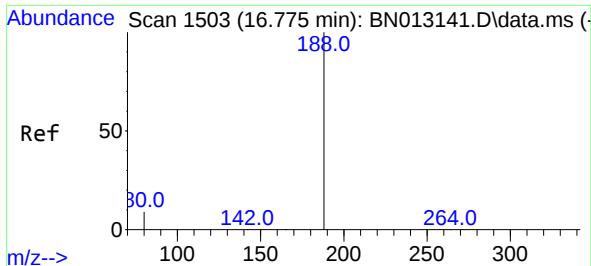
Tgt Ion:330 Resp: 167
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:172 Resp: 1116
Ion Ratio Lower Upper
172 100
171 40.8 28.2 42.4
170 30.4 20.0 30.0#

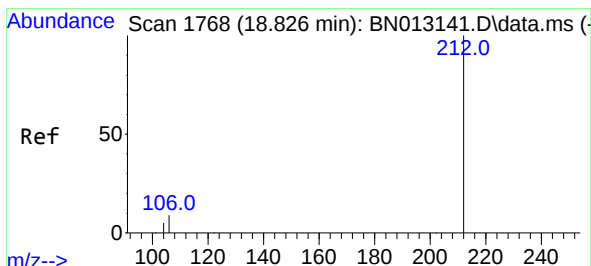
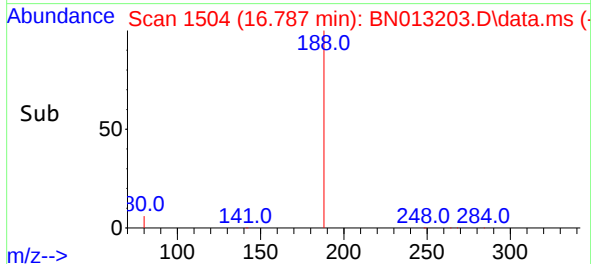
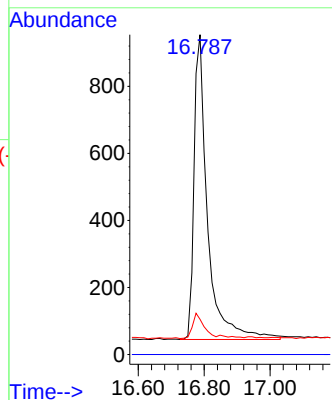
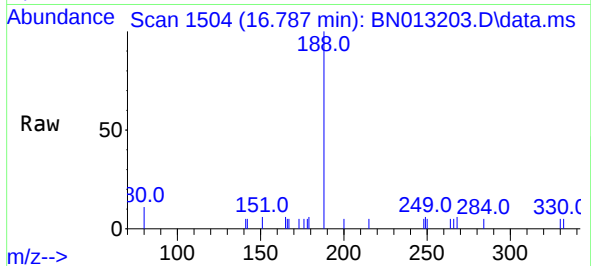




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

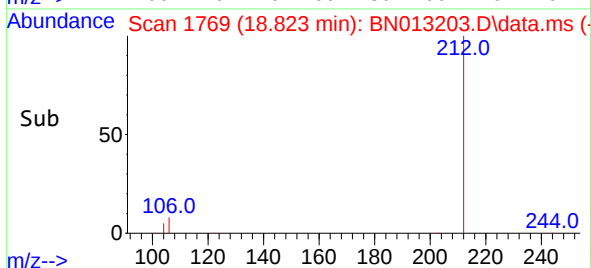
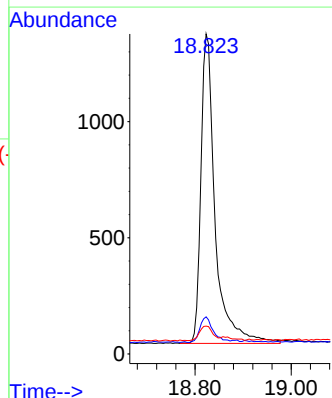
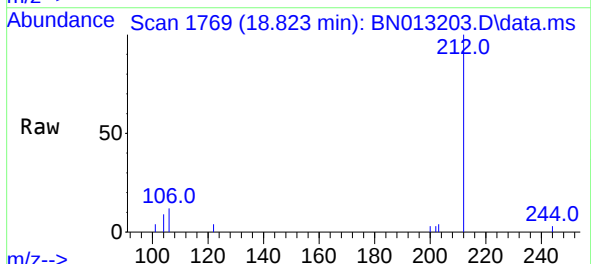
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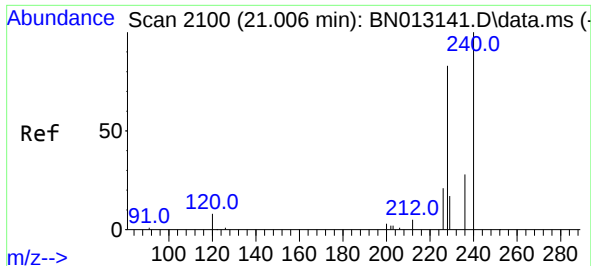
Tgt Ion:188 Resp: 2576
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 5.0 7.4#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.823 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:212 Resp: 2738
Ion Ratio Lower Upper
212 100
106 7.7 6.8 10.2
104 4.3 4.1 6.1

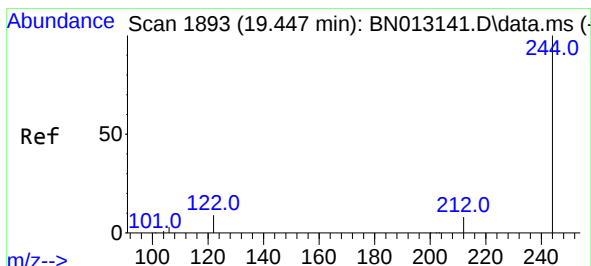
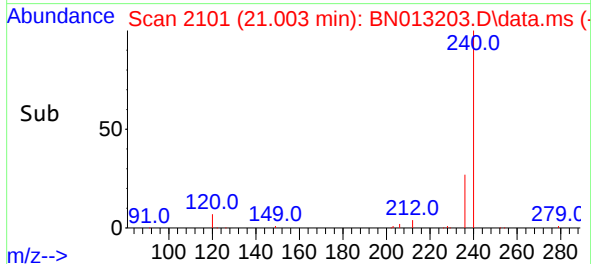
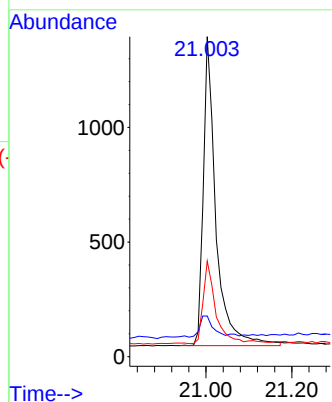
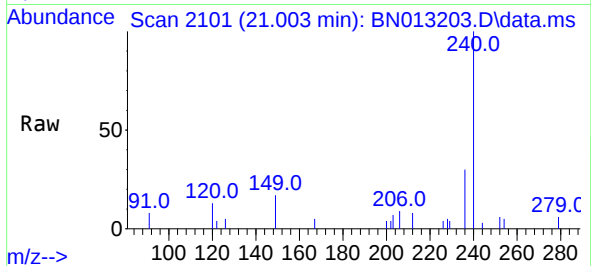




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

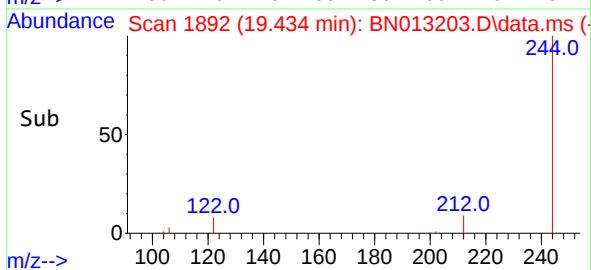
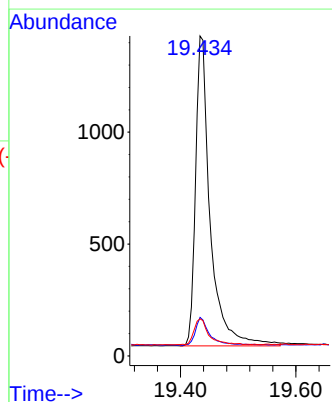
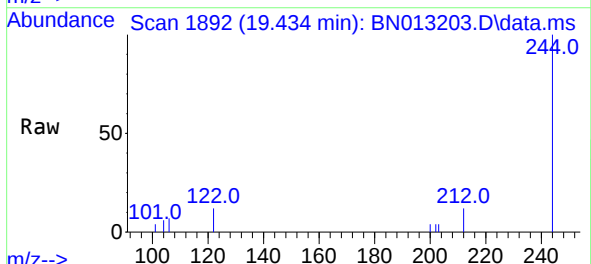
Instrument :
BNA_N
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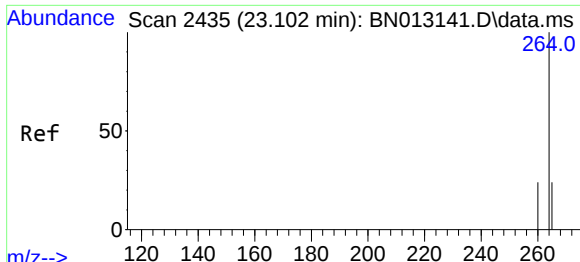
Tgt Ion:240 Resp: 2751
Ion Ratio Lower Upper
240 100
120 12.7 5.3 7.9#
236 29.9 21.8 32.8



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.434 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:244 Resp: 2450
Ion Ratio Lower Upper
244 100
212 12.0 7.3 10.9#
122 11.6 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.093 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BN013203.D
 Acq: 18 Dec 2020 03:54

Instrument :
 BNA_N
 ClientSampleId :
 DUP0420201210

Tgt Ion:264	Resp:	3011
Ion Ratio	Lower	Upper
264	100	
260	26.5	19.8 29.6
265	80.8	51.4 77.0#

