

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013245.D
 Acq On : 21 Dec 2020 20:28
 Operator : CG/JU
 Sample : L5123-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20201211

Quant Time: Dec 22 01:06:10 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)

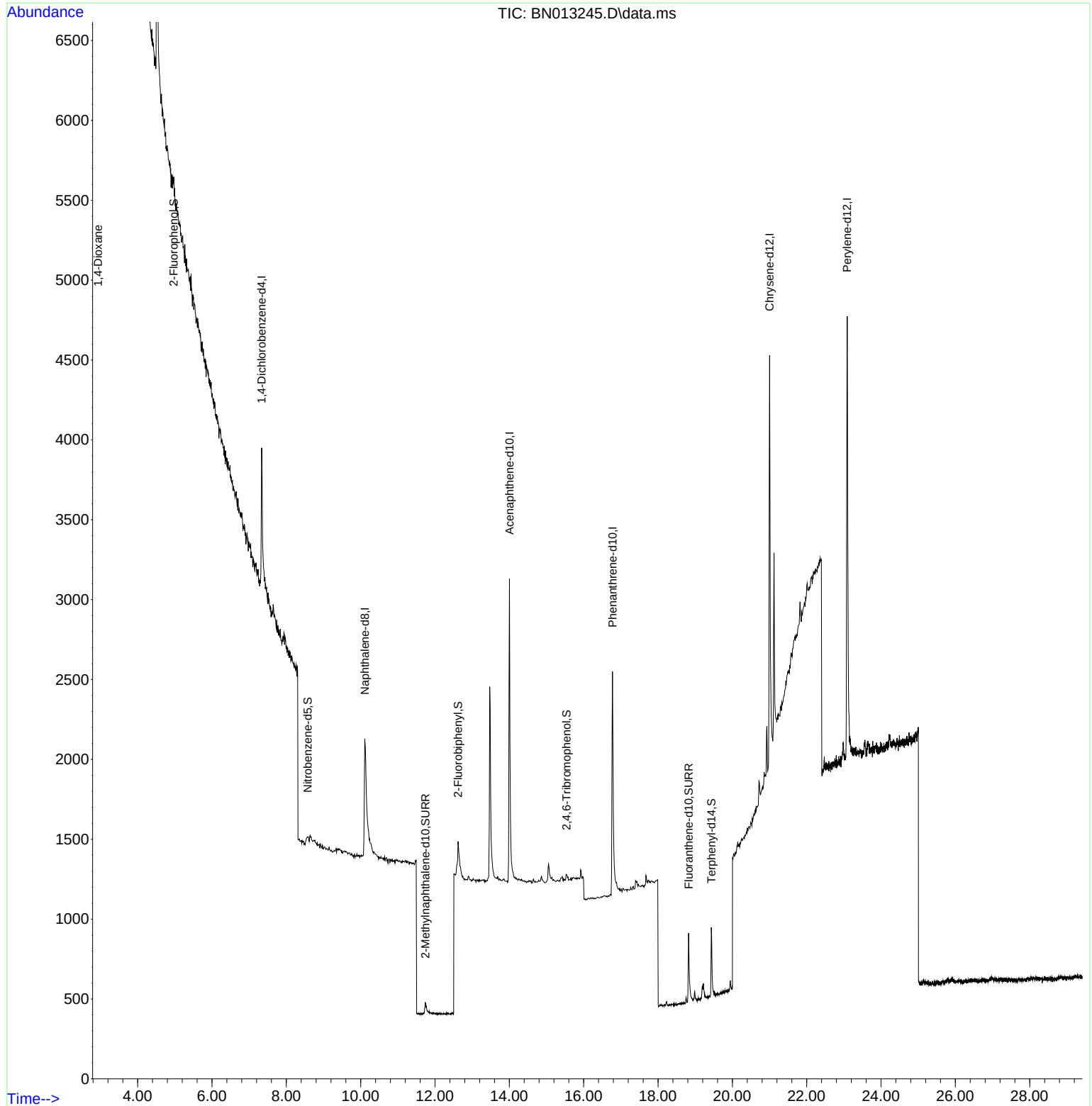
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	739	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2405	0.40	ng	# 0.00
13) Acenaphthene-d10	14.004	164	1474	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3405	0.40	ng	# 0.00
29) Chrysene-d12	21.003	240	3657	0.40	ng	# 0.00
36) Perylene-d12	23.089	264	4353	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	67	0.02	ng	0.00
5) Phenol-d6	6.541	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	8.579	82	120	0.05	ng	0.05
11) 2-Methylnaphthalene-d10	11.742	152	202	0.05	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	46	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	342	0.06	ng	-0.01
27) Fluoranthene-d10	18.823	212	717	0.06	ng	0.00
31) Terphenyl-d14	19.434	244	668	0.07	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.933	88	562	0.44	ng	# 73

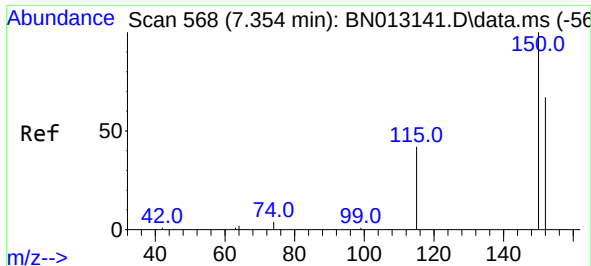
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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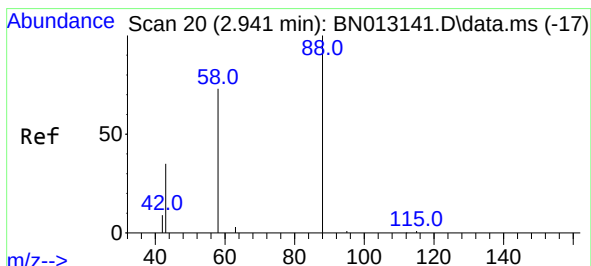
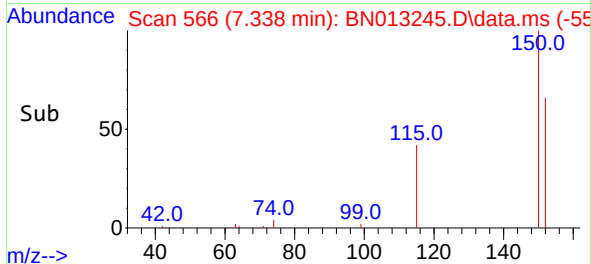
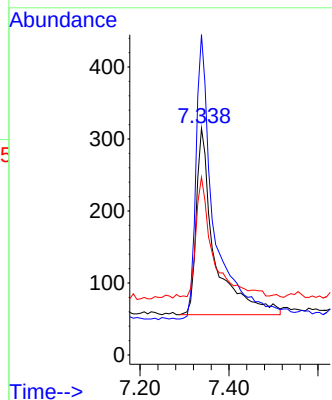
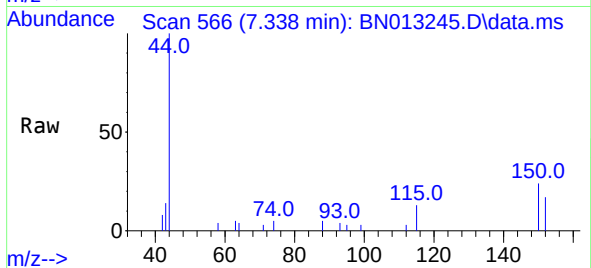




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

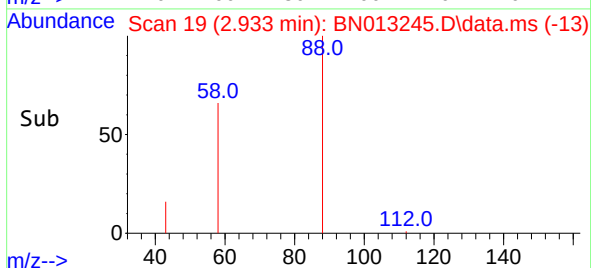
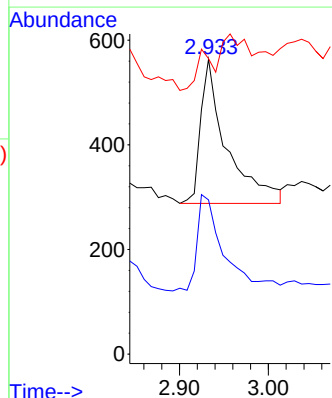
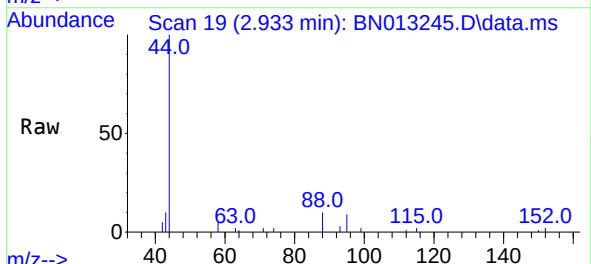
Instrument :
BNA_N
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TT101D2-20201211

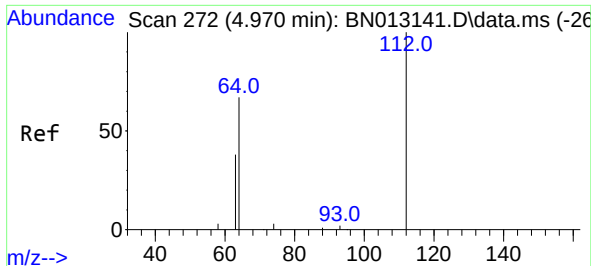
Tgt Ion:152 Resp: 739
Ion Ratio Lower Upper
152 100
150 141.3 116.6 174.8
115 78.4 52.9 79.3



#2
1,4-Dioxane
Concen: 0.44 ng
RT: 2.933 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

Tgt Ion: 88 Resp: 562
Ion Ratio Lower Upper
88 100
58 68.7 59.4 89.2
43 0.0 32.3 48.5#

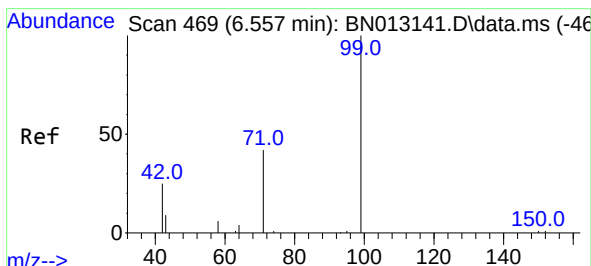
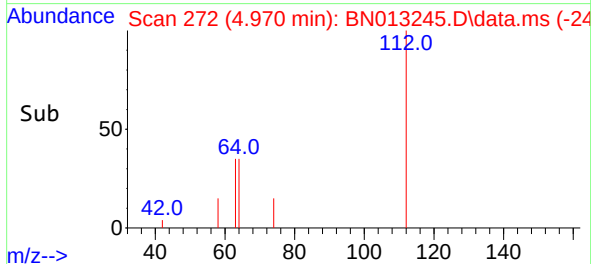
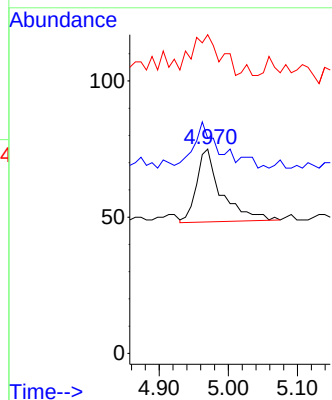
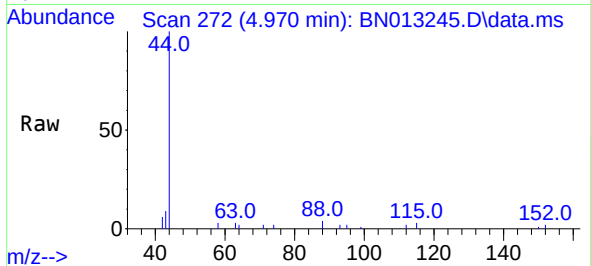




#4
2-Fluorophenol
Concen: 0.02 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.008 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

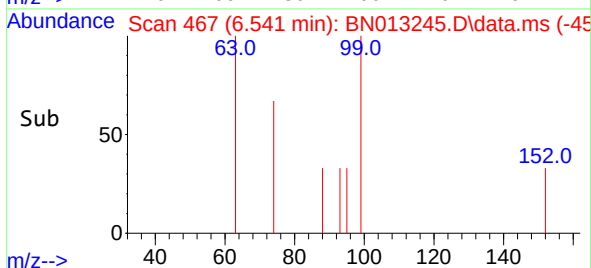
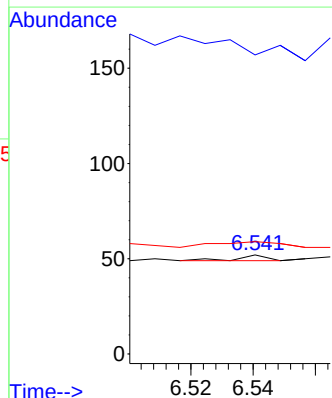
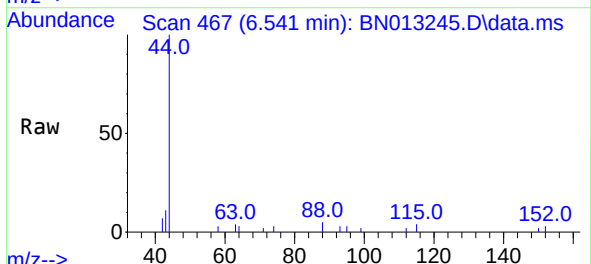
Instrument :
BNA_N
ClientSampleId :
TT101D2-20201211

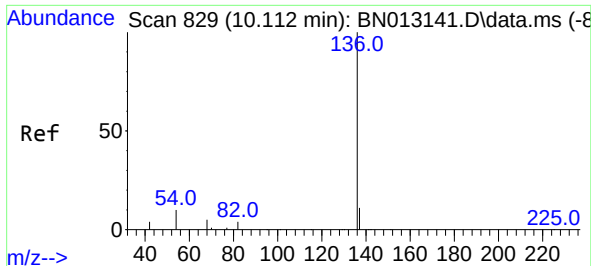
Tgt Ion:112 Resp: 67
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 56.7 32.0 48.0#



#5
Phenol-d6
Concen: 0.00 ng
RT: 6.541 min Scan# 467
Delta R.T. -0.008 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

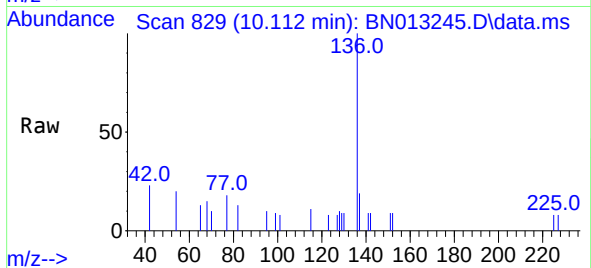
Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 350.0 37.8 56.6#





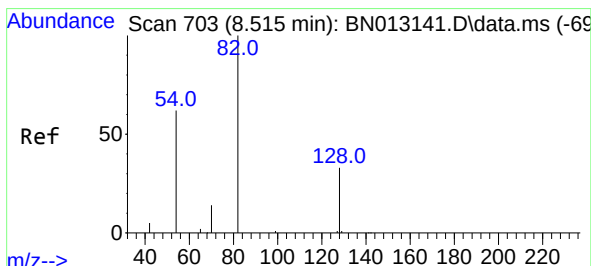
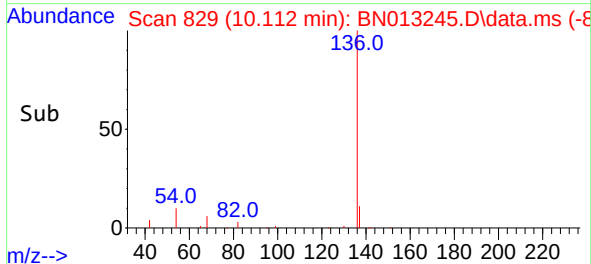
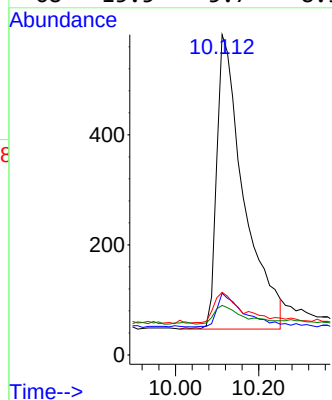
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.000 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

Instrument :
BNA_N
ClientSampleId :
TT101D2-20201211



Tgt Ion: 136 Resp: 2405

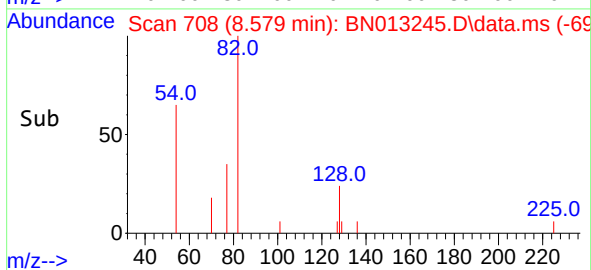
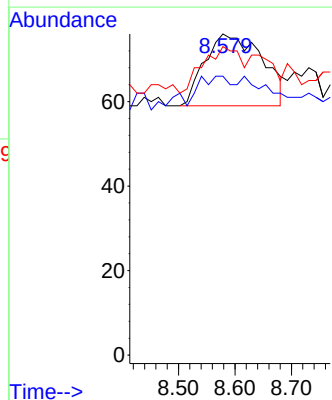
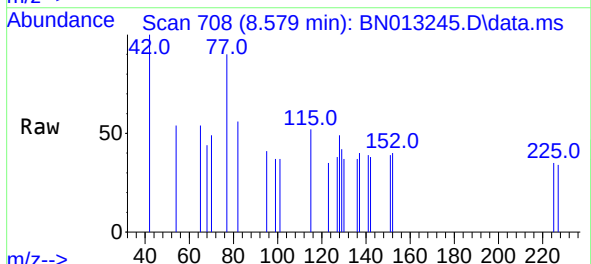
Ion	Ratio	Lower	Upper
136	100		
137	19.2	10.6	15.8#
54	19.6	8.6	12.8#
68	15.5	5.7	8.5#

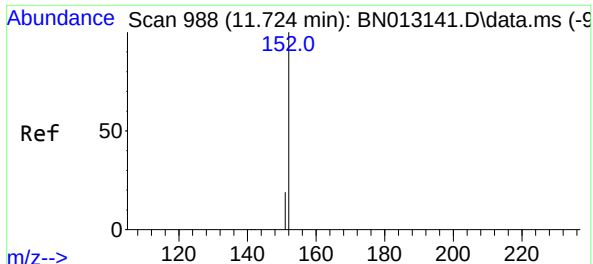


#8
Nitrobenzene-d5
Concen: 0.05 ng
RT: 8.579 min Scan# 708
Delta R.T. 0.051 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

Tgt Ion: 82 Resp: 120

Ion	Ratio	Lower	Upper
82	100		
128	86.8	30.6	46.0#
54	96.1	48.3	72.5#

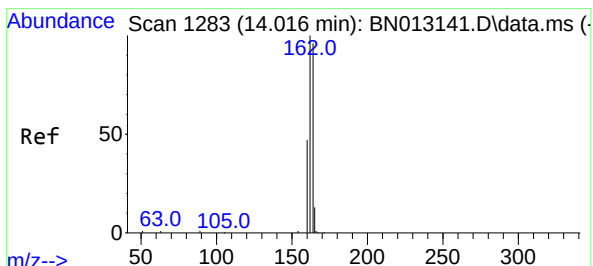
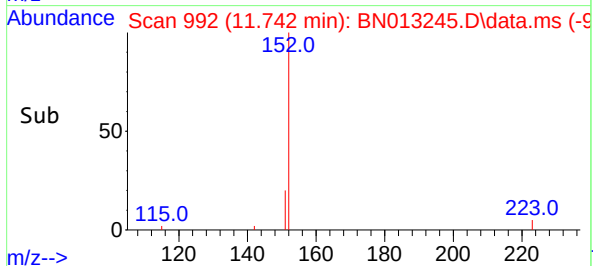
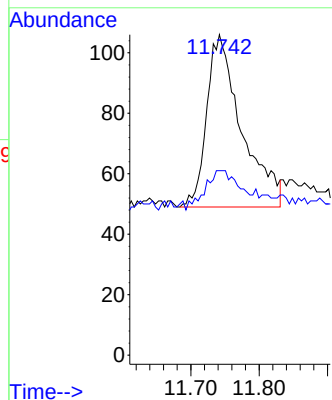
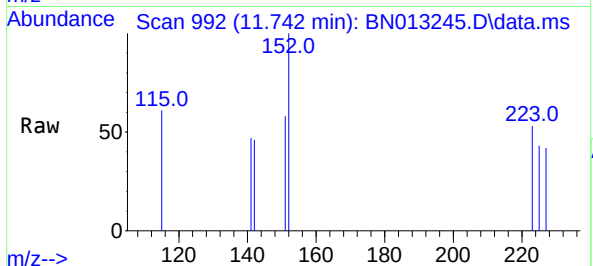




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.018 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

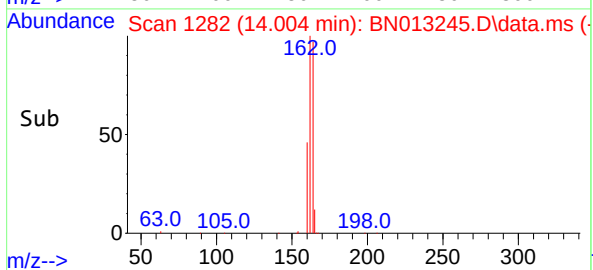
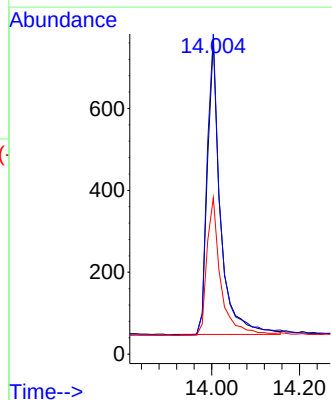
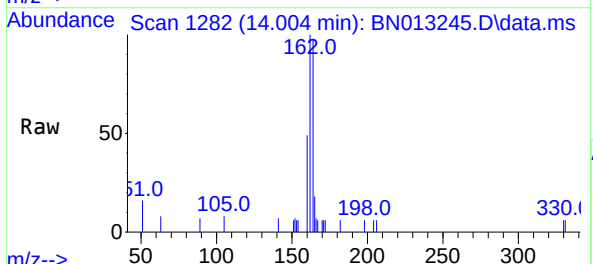
Instrument :
BNA_N
ClientSampleId :
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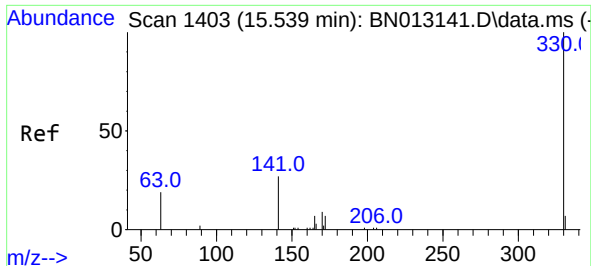
Tgt Ion:152 Resp: 202
Ion Ratio Lower Upper
152 100
151 22.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

Tgt Ion:164 Resp: 1474
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 50.0 39.5 59.3

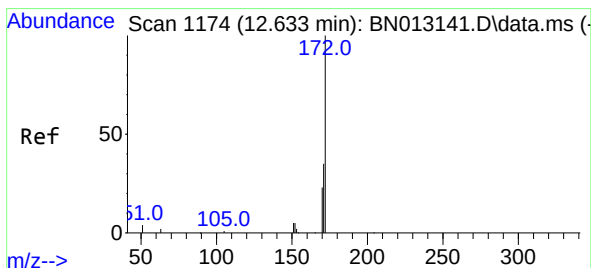
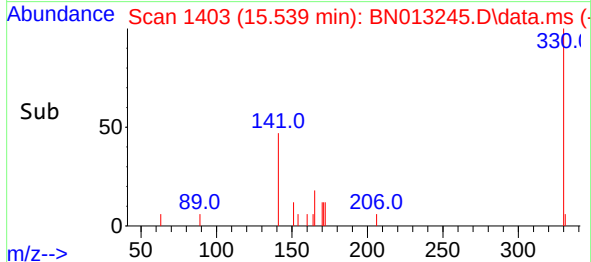
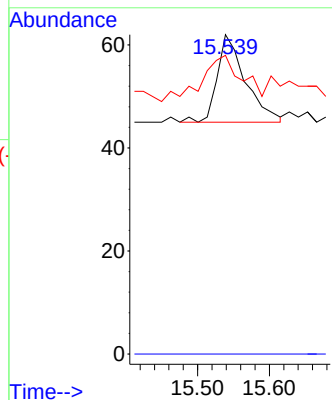
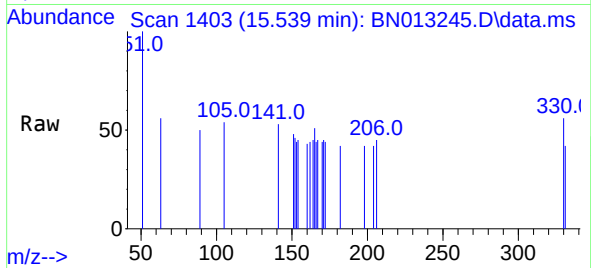




#14
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

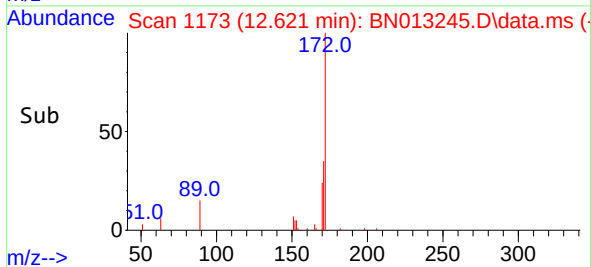
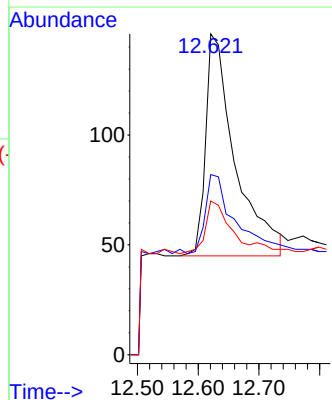
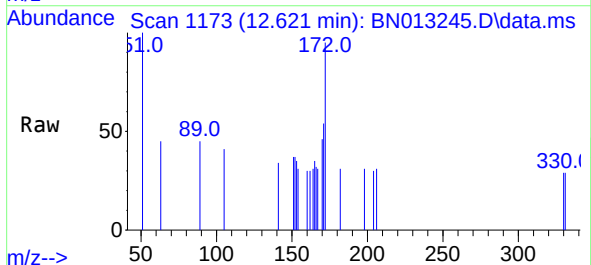
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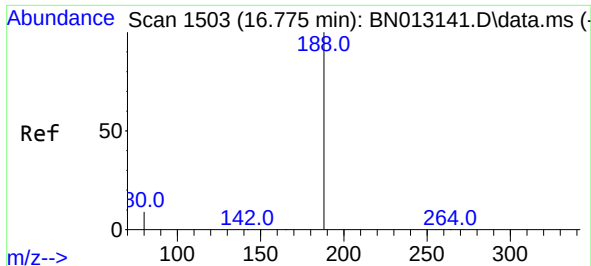
Tgt Ion:330 Resp: 46
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 56.5 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

Tgt Ion:172 Resp: 342
Ion Ratio Lower Upper
172 100
171 56.2 28.2 42.4#
170 47.9 20.0 30.0#

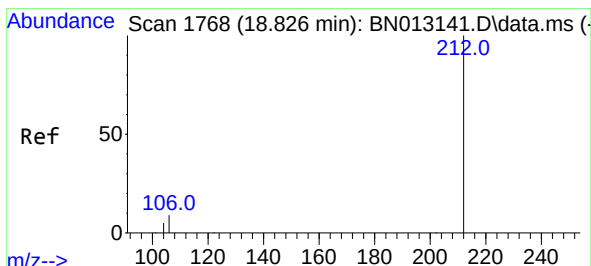
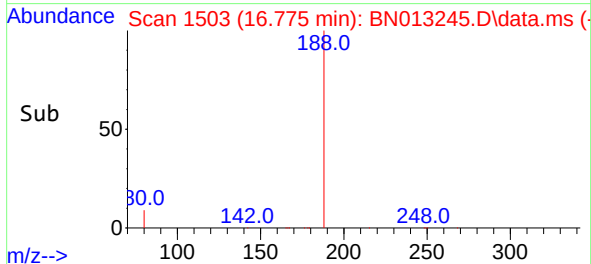
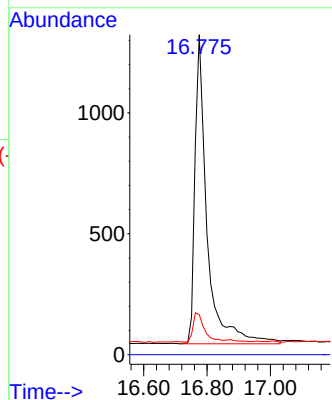
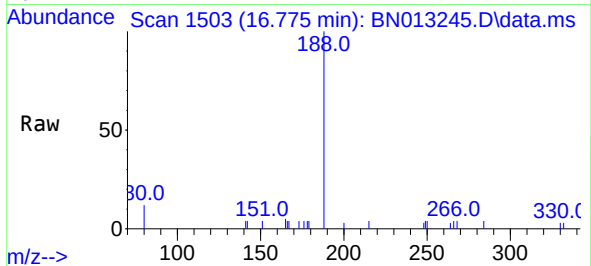




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

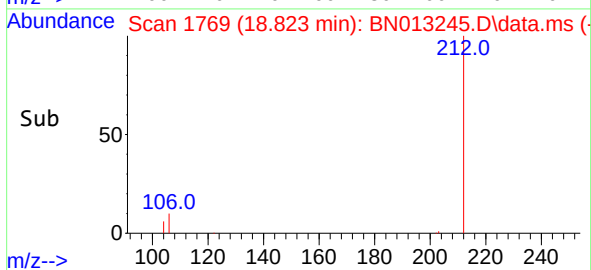
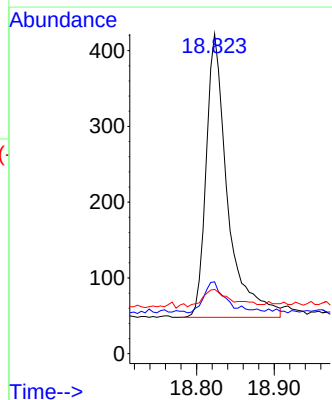
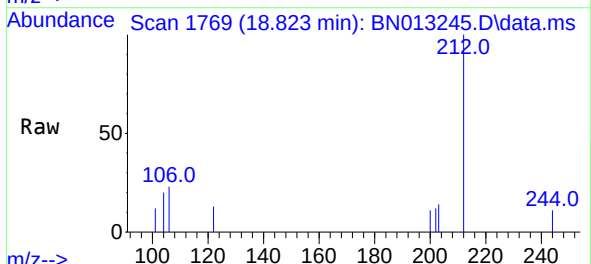
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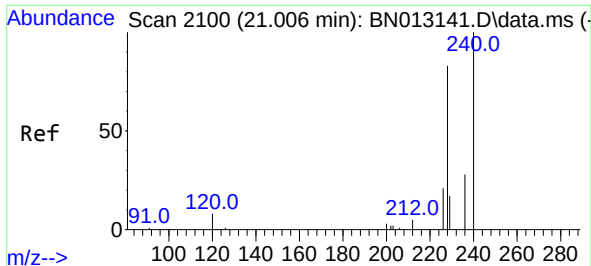
Tgt Ion:188 Resp: 3405
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 5.0 7.4#



#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 18.823 min Scan# 1769
Delta R.T. 0.002 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

Tgt Ion:212 Resp: 717
Ion Ratio Lower Upper
212 100
106 10.0 6.8 10.2
104 6.6 4.1 6.1#

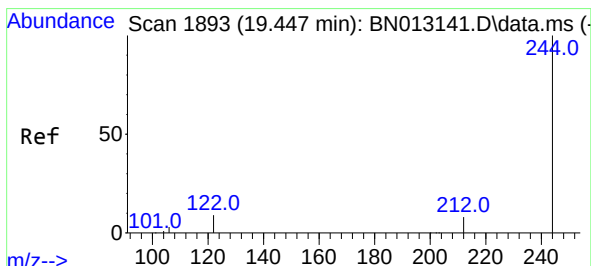
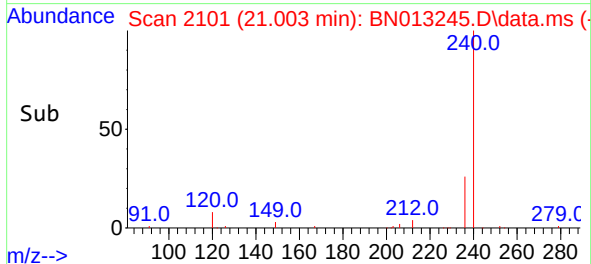
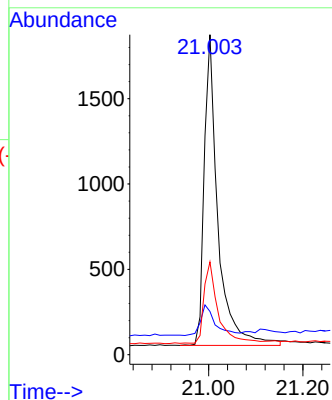
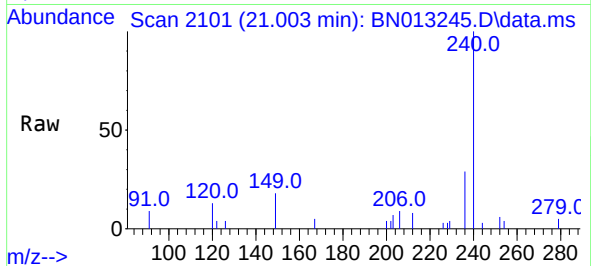




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

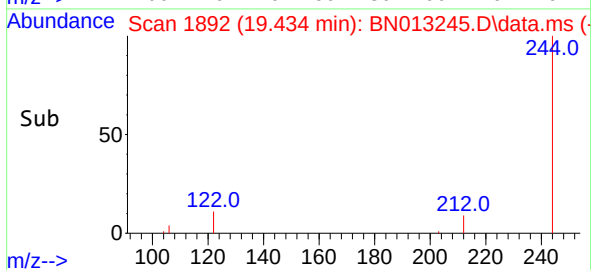
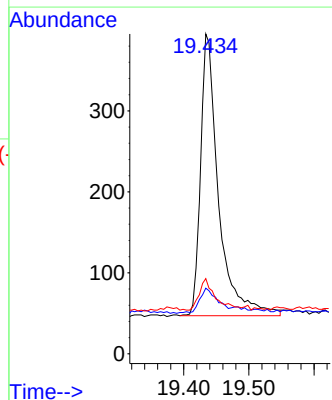
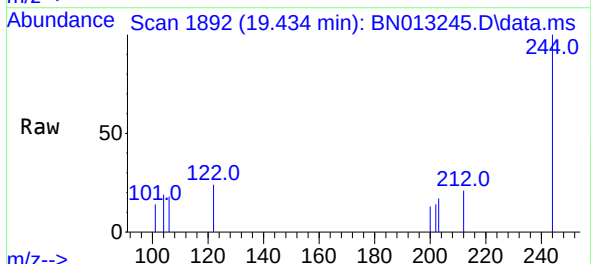
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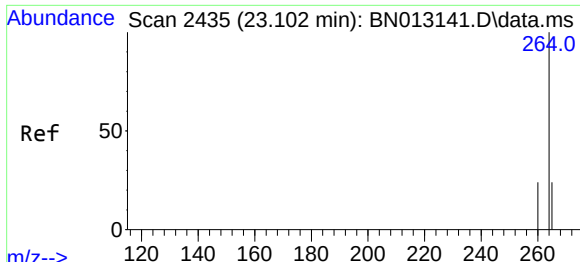
Tgt Ion:240 Resp: 3657
Ion Ratio Lower Upper
240 100
120 13.5 5.3 7.9#
236 29.0 21.8 32.8



#31
Terphenyl-d14
Concen: 0.07 ng
RT: 19.434 min Scan# 1892
Delta R.T. -0.013 min
Lab File: BN013245.D
Acq: 21 Dec 2020 20:28

Tgt Ion:244 Resp: 668
Ion Ratio Lower Upper
244 100
212 20.5 7.3 10.9#
122 23.5 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.089 min Scan# 2433
 Delta R.T. -0.006 min
 Lab File: BN013245.D
 Acq: 21 Dec 2020 20:28

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20201211

Tgt Ion:264 Resp: 4353

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.8	29.6
265	77.5	51.4	77.0#

