

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013266.D
 Acq On : 22 Dec 2020 10:59
 Operator : CG/JU
 Sample : L5124-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20201211

Quant Time: Dec 22 13:13:21 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 22 10:46:43 2020
 Response via : Initial Calibration

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

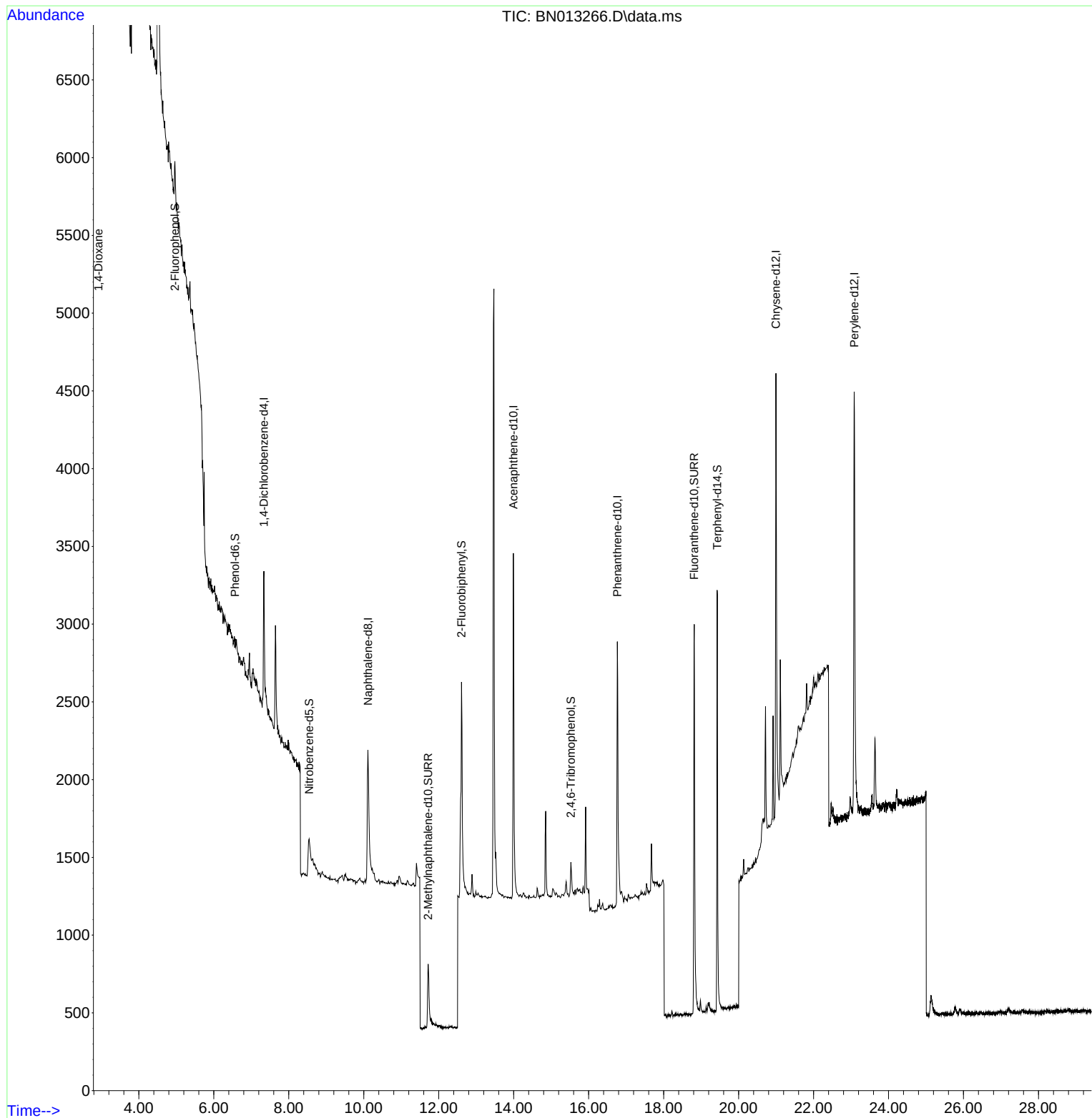
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	637	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2204	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1515	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	3276	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3719	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	4230	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	292	0.11	ng	0.00
5) Phenol-d6	6.565	99	114	0.04	ng	0.02
8) Nitrobenzene-d5	8.540	82	582	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	11.719	152	1059	0.27	ng	0.01
14) 2,4,6-Tribromophenol	15.526	330	230	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1635	0.26	ng	0.00
27) Fluoranthene-d10	18.816	212	3990	0.37	ng	0.00
31) Terphenyl-d14	19.431	244	3403	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.925	88	2328	2.10	ng	Qvalue 99

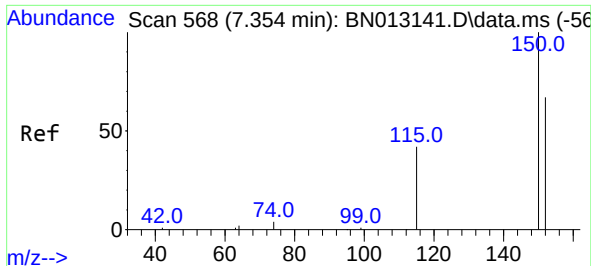
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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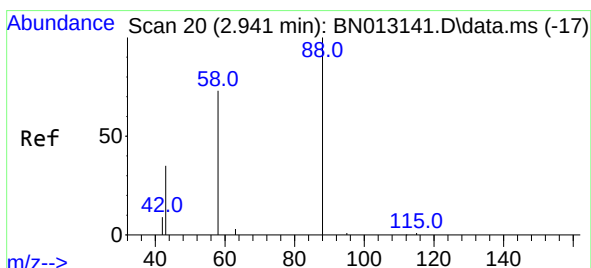
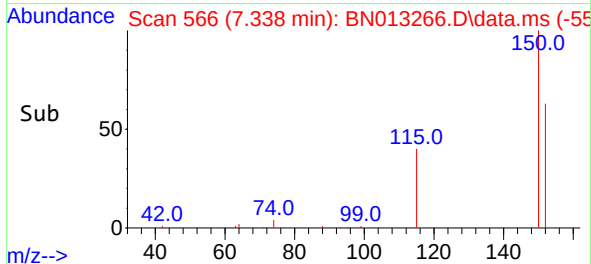
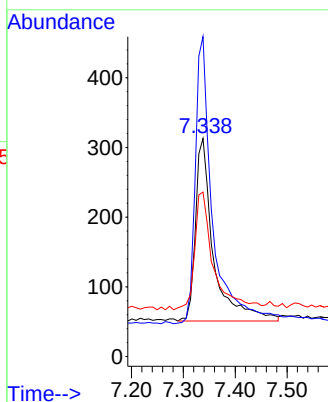
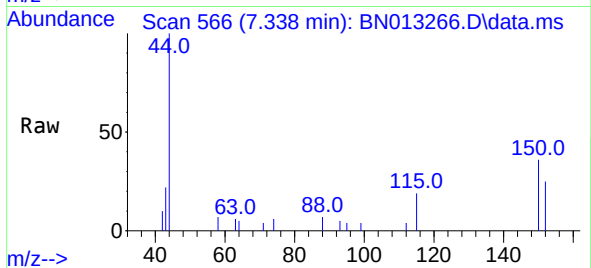




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

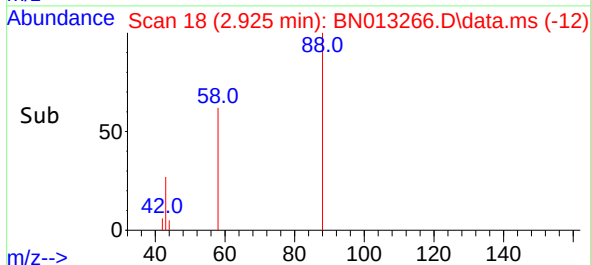
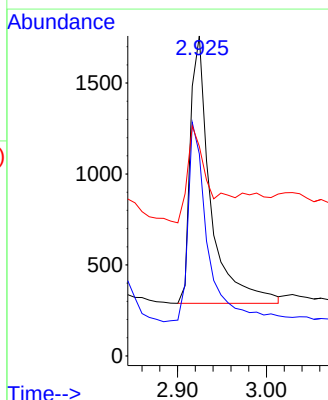
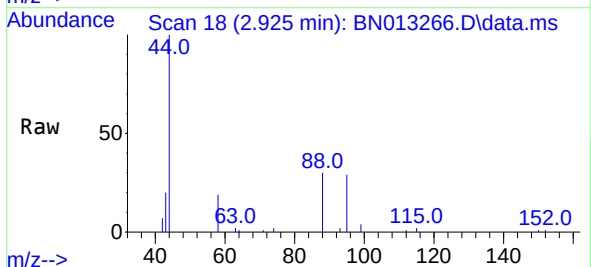
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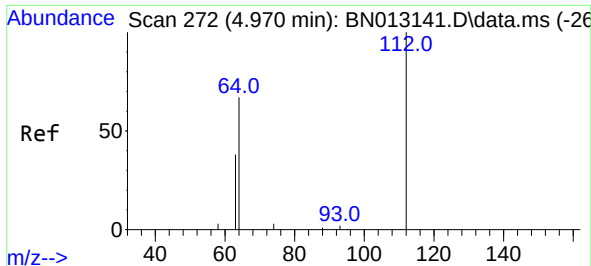
Tgt Ion:152 Resp: 637
Ion Ratio Lower Upper
152 100
150 146.6 116.6 174.8
115 75.4 52.9 79.3



#2
1,4-Dioxane
Concen: 2.10 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

Tgt Ion: 88 Resp: 2328
Ion Ratio Lower Upper
88 100
58 73.8 59.4 89.2
43 40.1 32.3 48.5

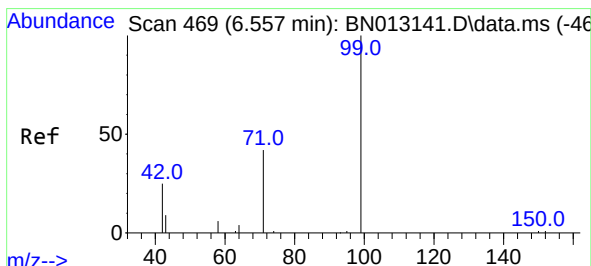
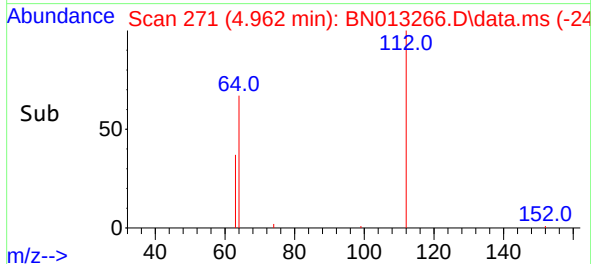
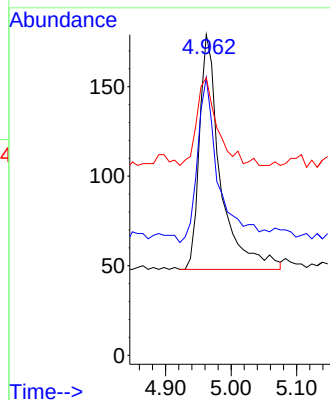
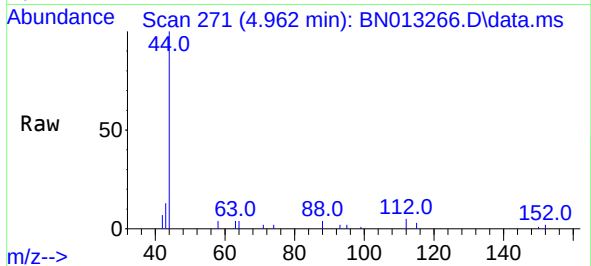




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

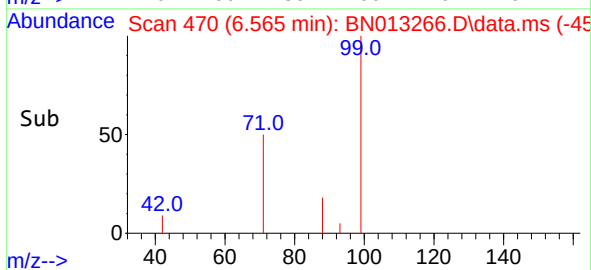
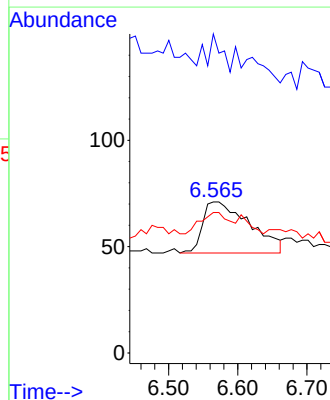
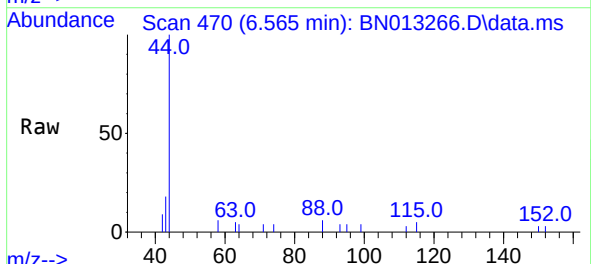
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ClientSampleId :
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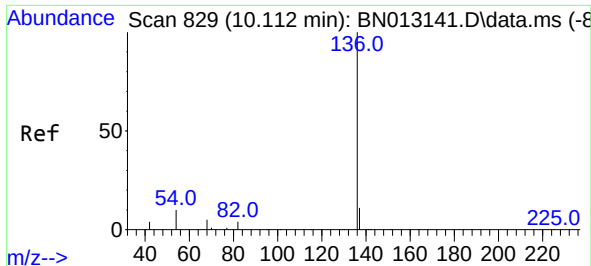
Tgt Ion:112 Resp: 292
Ion Ratio Lower Upper
112 100
64 72.3 49.5 74.3
63 40.4 32.0 48.0



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

Tgt Ion: 99 Resp: 114
Ion Ratio Lower Upper
99 100
42 22.8 22.4 33.6
71 25.4 37.8 56.6#

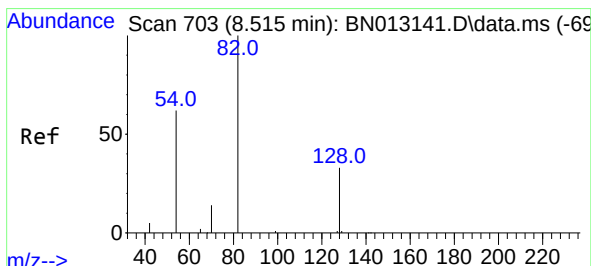
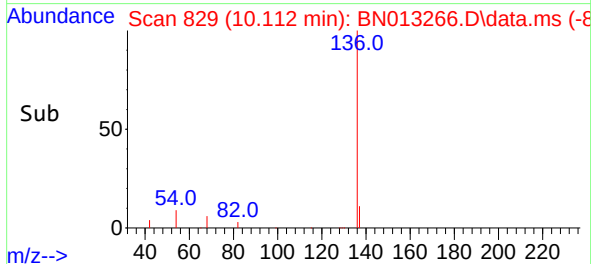
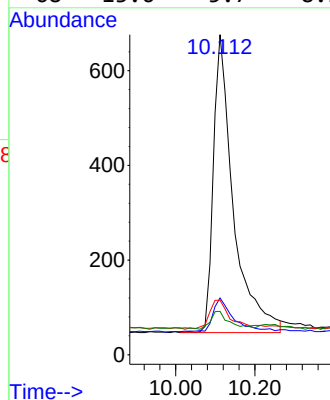
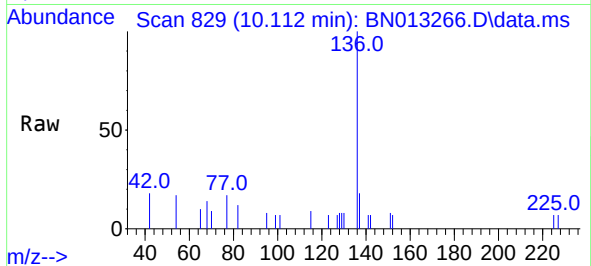




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

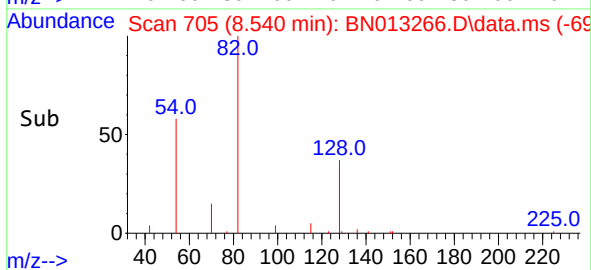
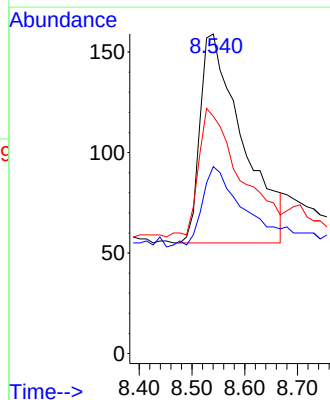
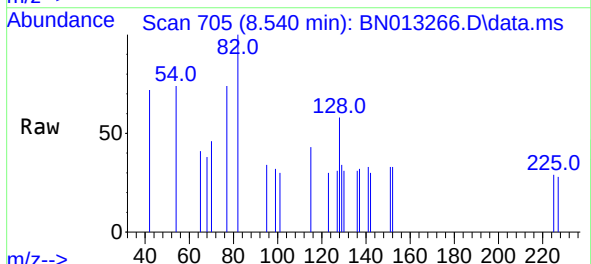
Instrument :
BNA_N
ClientSampleId :
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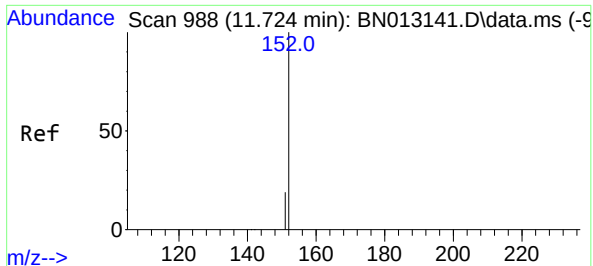
Tgt Ion:	136	Resp:	2204
Ion	Ratio	Lower	Upper
136	100		
137	17.8	10.6	15.8#
54	17.0	8.6	12.8#
68	13.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

Tgt Ion:	82	Resp:	582
Ion	Ratio	Lower	Upper
82	100		
128	58.5	30.6	46.0#
54	74.2	48.3	72.5#

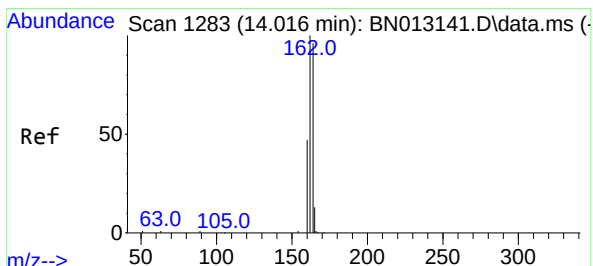
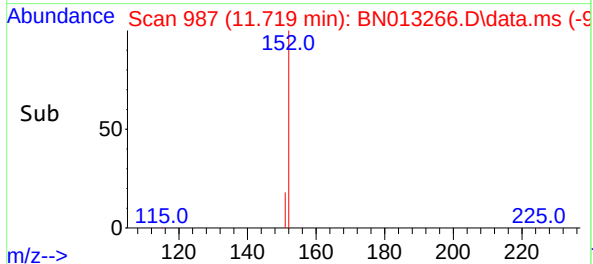
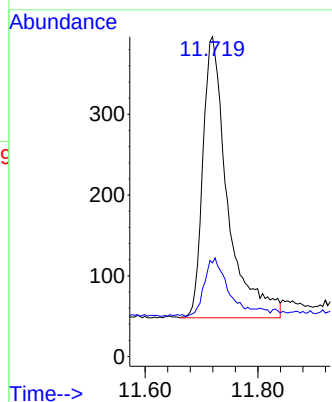
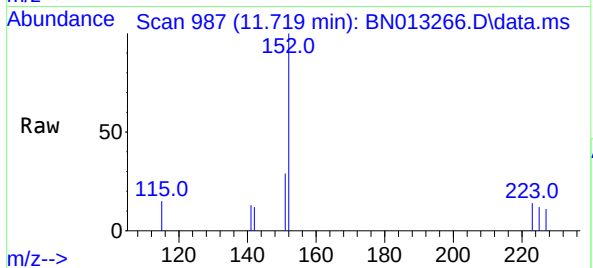




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

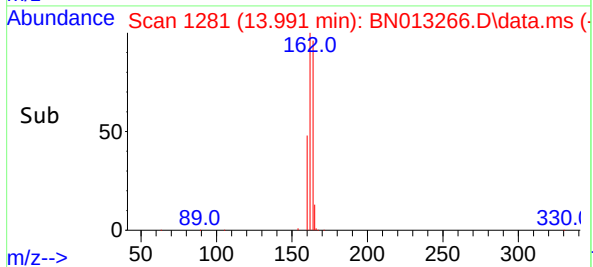
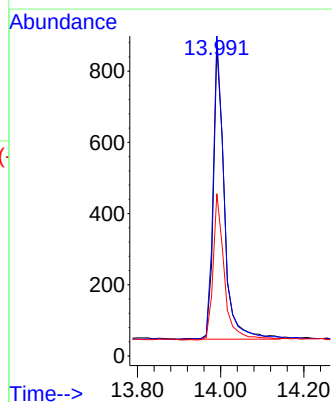
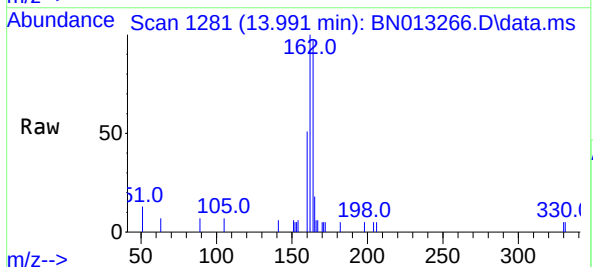
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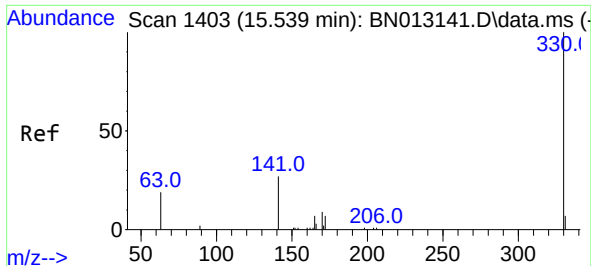
Tgt Ion:152 Resp: 1059
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

Tgt Ion:164 Resp: 1515
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 52.5 39.5 59.3

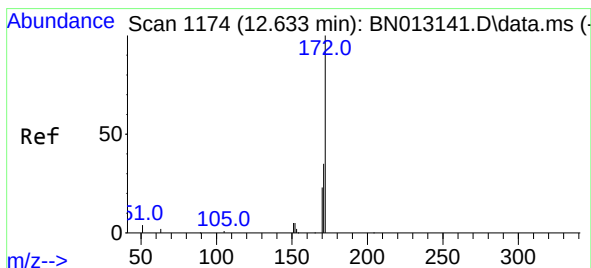
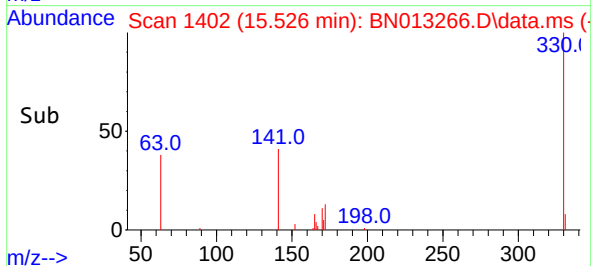
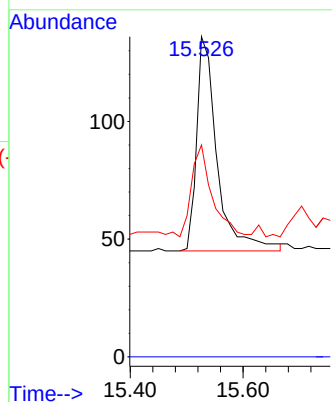
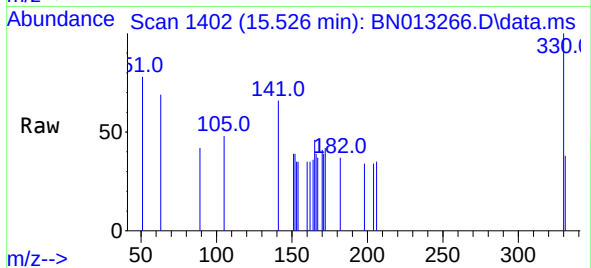




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

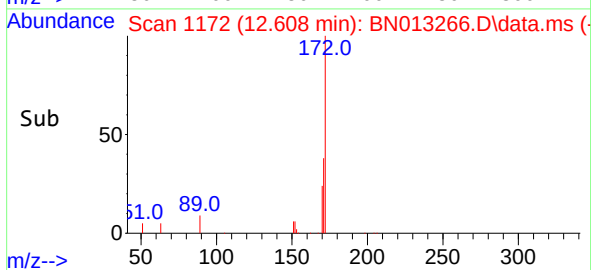
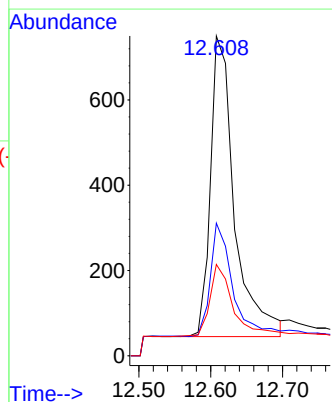
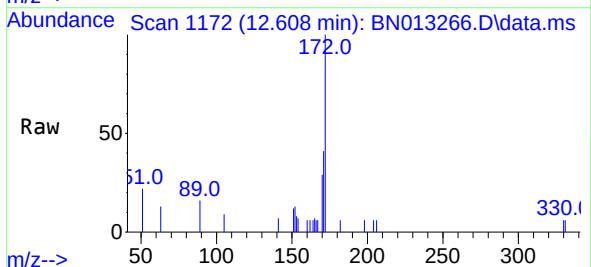
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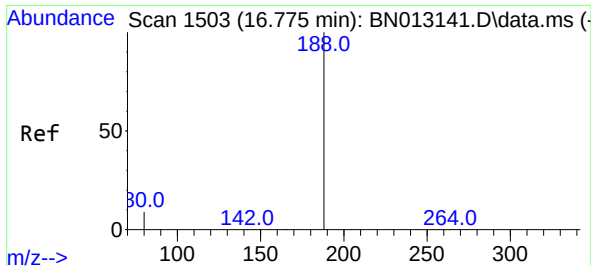
Tgt Ion:330 Resp: 230
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.7 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

Tgt Ion:172 Resp: 1635
Ion Ratio Lower Upper
172 100
171 41.5 28.2 42.4
170 28.5 20.0 30.0

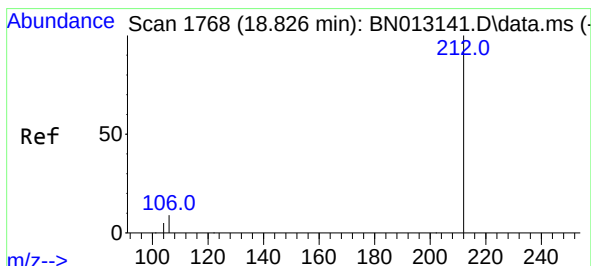
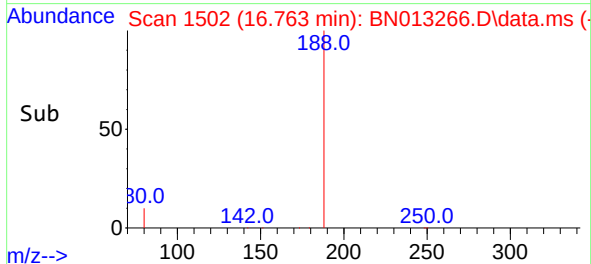
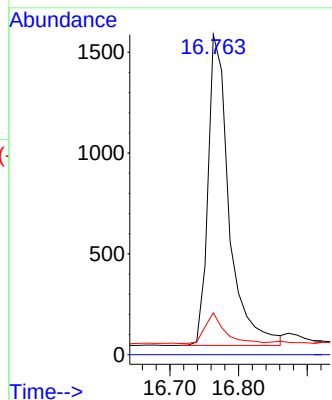
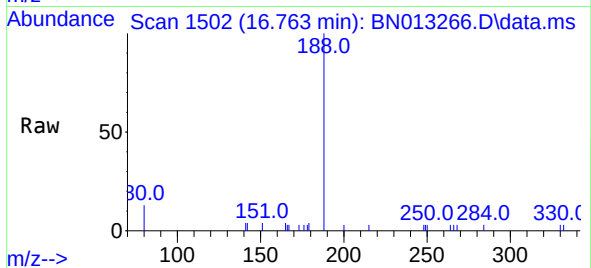




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

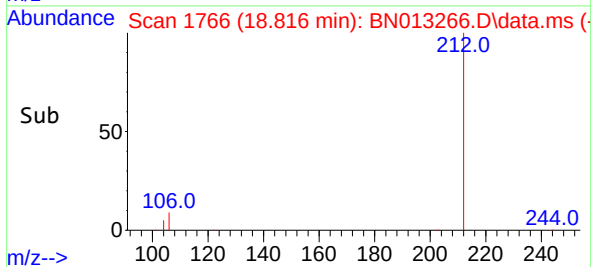
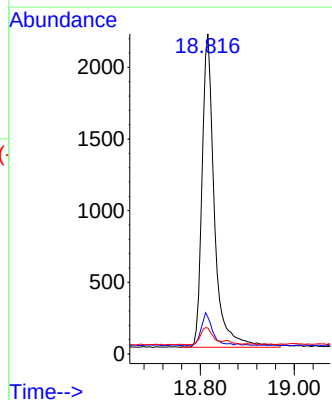
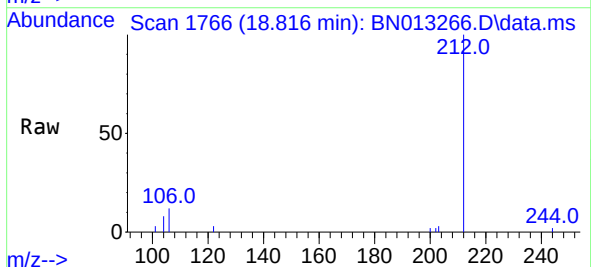
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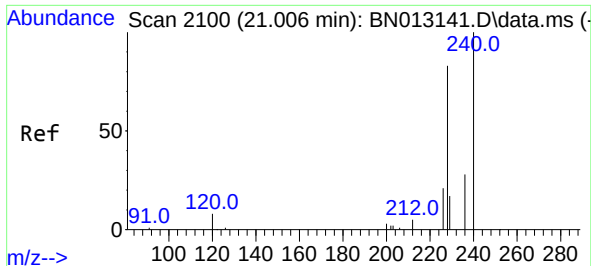
Tgt Ion:188 Resp: 3276
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 5.0 7.4#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

Tgt Ion:212 Resp: 3990
Ion Ratio Lower Upper
212 100
106 9.4 6.8 10.2
104 5.5 4.1 6.1

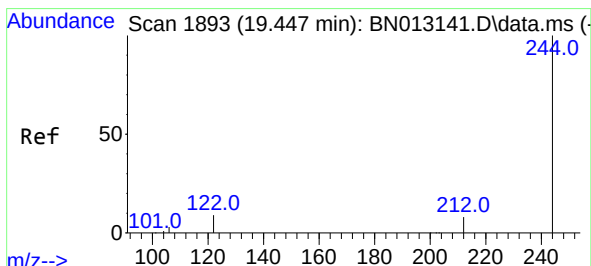
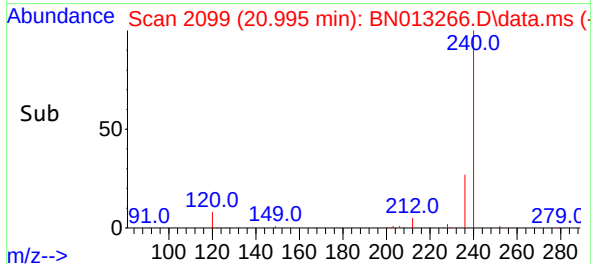
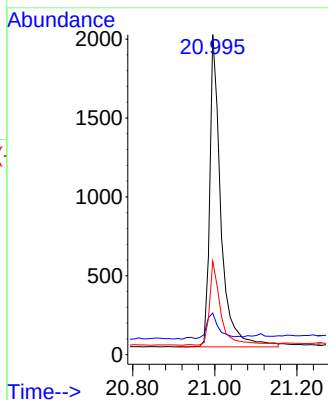
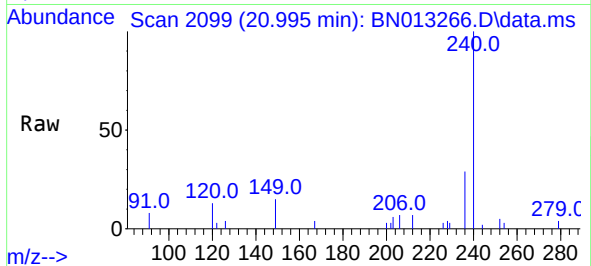




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

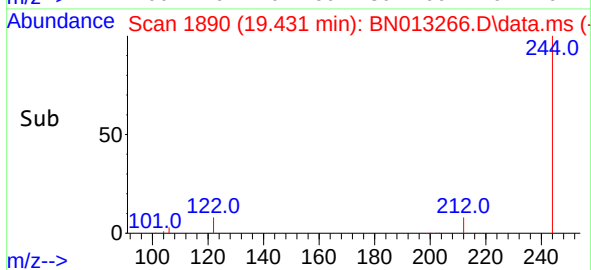
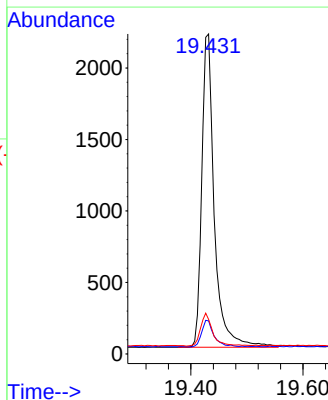
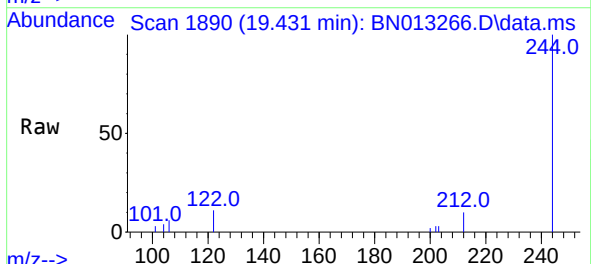
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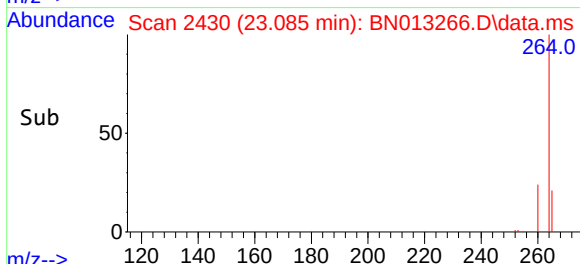
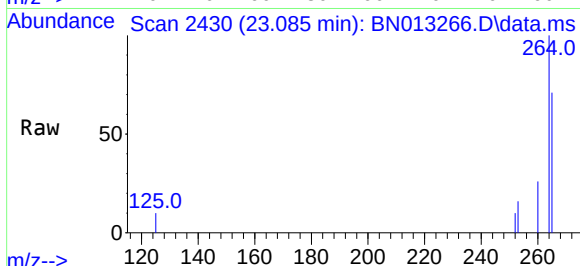
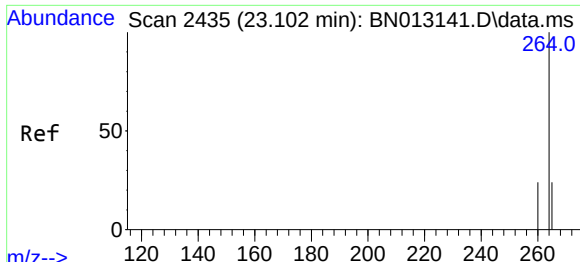
Tgt Ion:240 Resp: 3719
Ion Ratio Lower Upper
240 100
120 13.0 5.3 7.9#
236 29.2 21.8 32.8



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.431 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

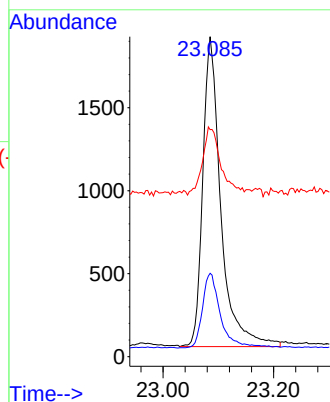
Tgt Ion:244 Resp: 3403
Ion Ratio Lower Upper
244 100
212 10.4 7.3 10.9
122 10.8 7.3 10.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.085 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN013266.D
Acq: 22 Dec 2020 10:59

Tgt Ion:264	Resp:	4230
Ion	Ratio	Lower Upper
264	100	
260	26.0	19.8 29.6
265	71.0	51.4 77.0



Instrument :
BNA_N
ClientSampleId :
DUP05-20201211