

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013162.D
 Acq On : 16 Dec 2020 10:43
 Operator : CG/JU
 Sample : L4996-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20201208

Quant Time: Dec 16 12:37:34 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)

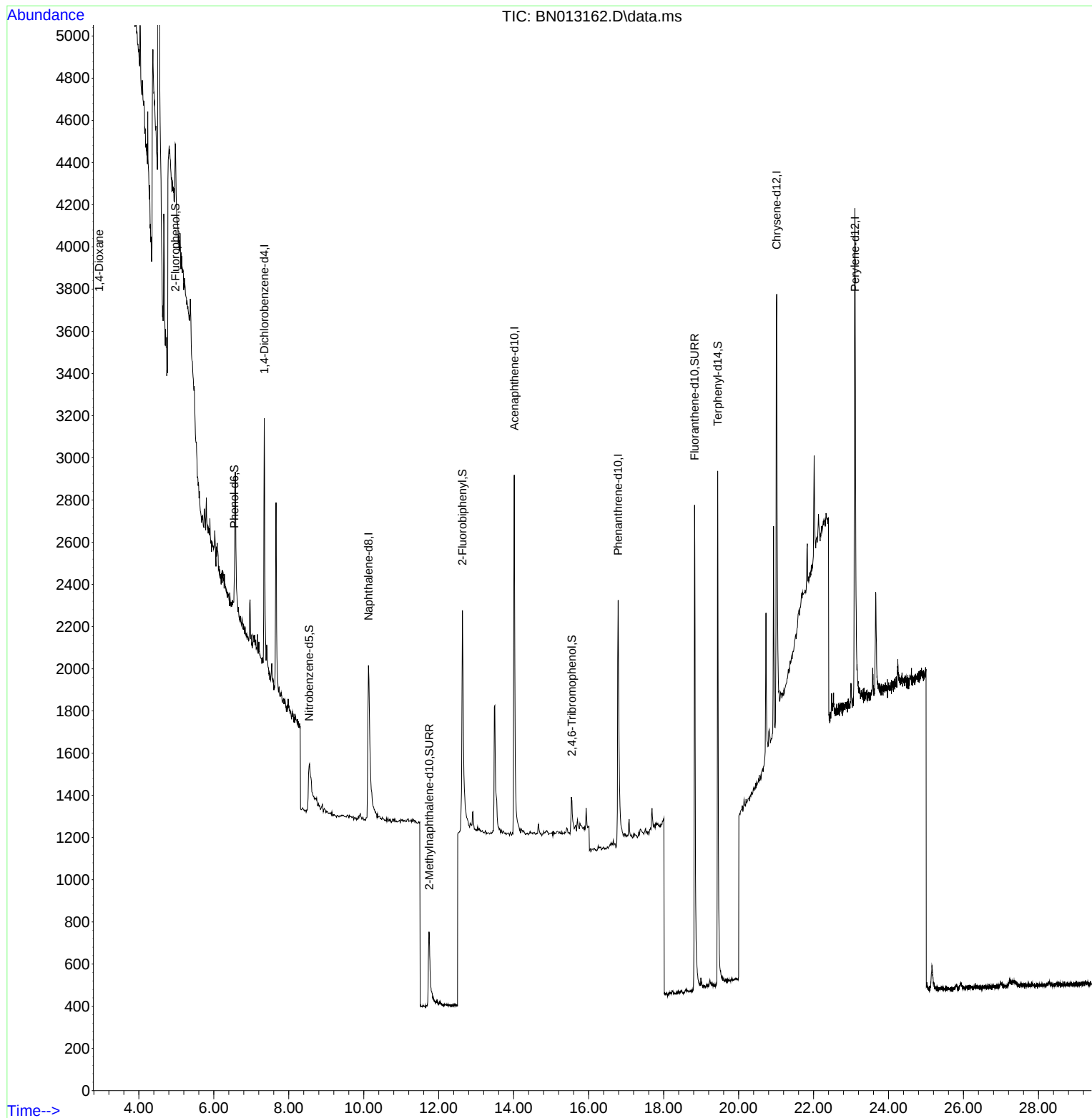
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	675	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2104	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1373	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	2943	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	3140	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3693	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	329	0.12	ng	0.00
5) Phenol-d6	6.549	99	157	0.06	ng	0.00
8) Nitrobenzene-d5	8.541	82	622	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	11.746	152	1082	0.29	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	222	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1625	0.28	ng	0.00
27) Fluoranthene-d10	18.826	212	3952	0.41	ng	0.00
31) Terphenyl-d14	19.442	244	3459	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.941	88	223	0.19	ng	# 73

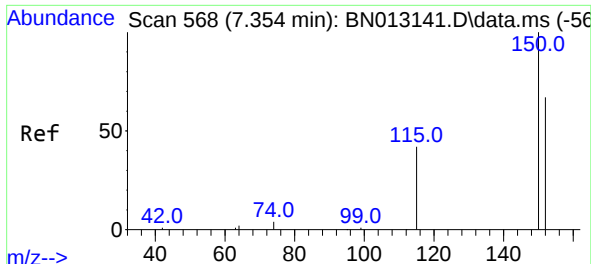
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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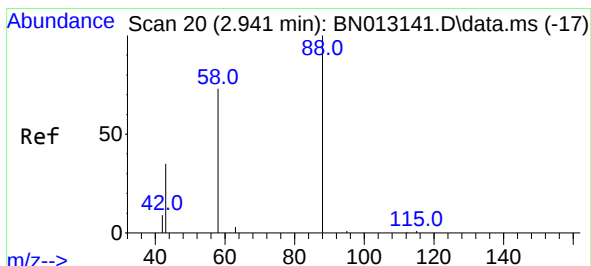
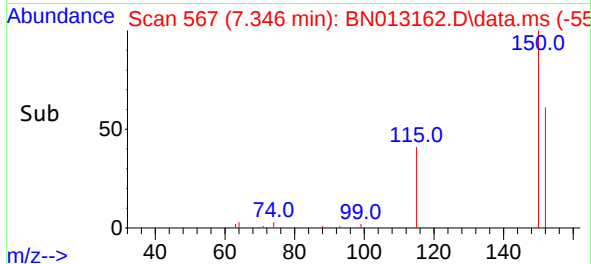
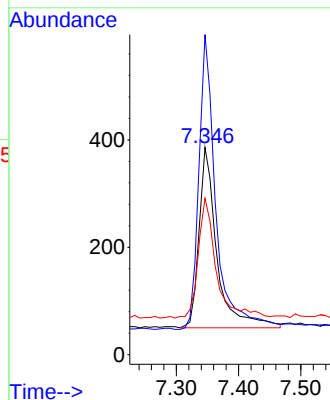
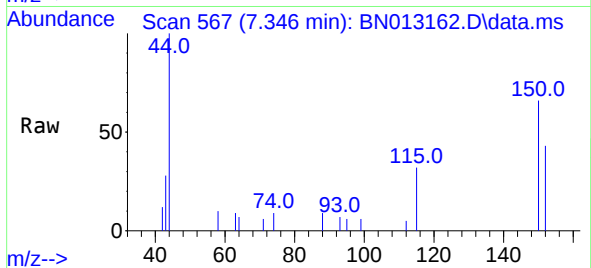




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

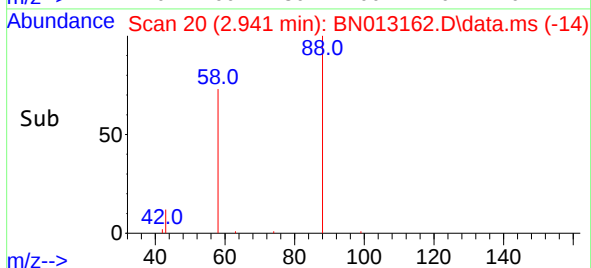
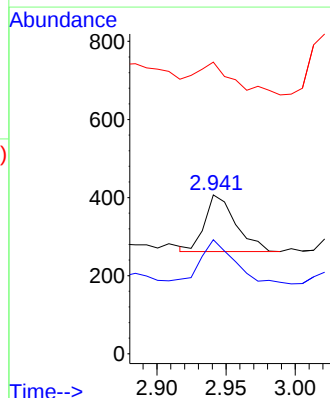
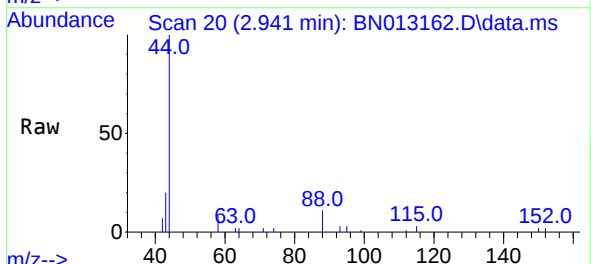
Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

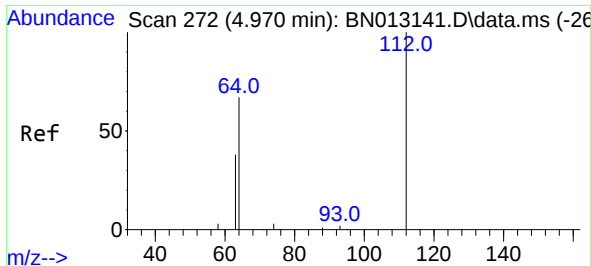
Tgt Ion:152 Resp: 675
Ion Ratio Lower Upper
152 100
150 154.4 116.6 174.8
115 75.4 52.9 79.3



#2
1,4-Dioxane
Concen: 0.19 ng
RT: 2.941 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion: 88 Resp: 223
Ion Ratio Lower Upper
88 100
58 86.5 59.4 89.2
43 71.7 32.3 48.5

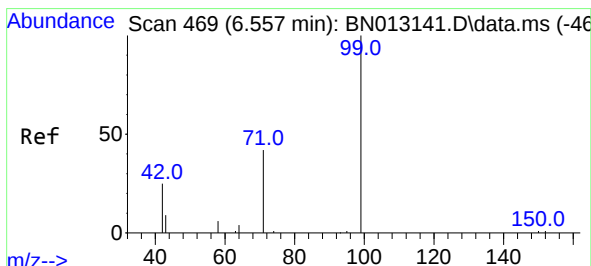
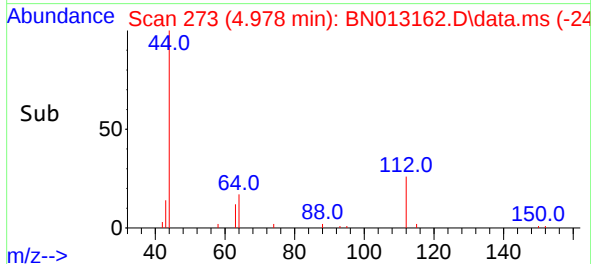
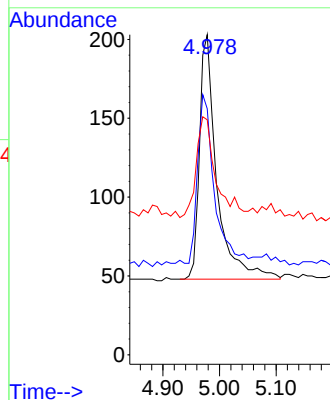
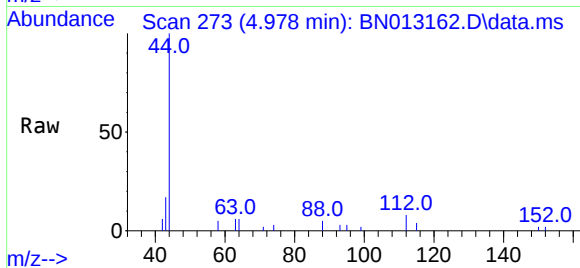




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

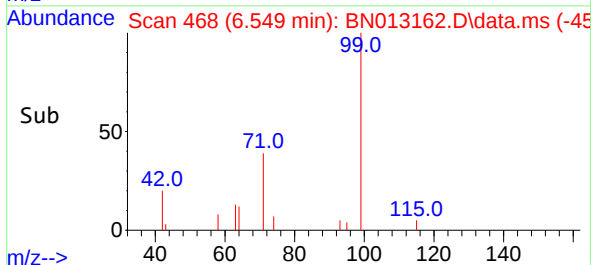
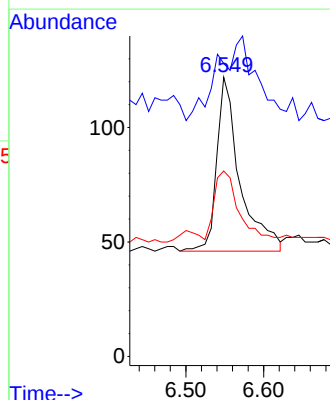
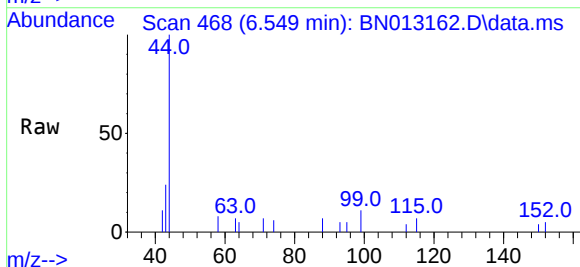
Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

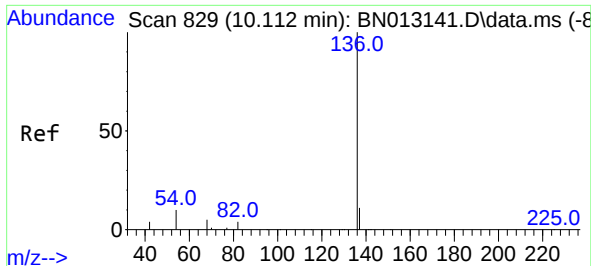
Tgt Ion:112 Resp: 329
Ion Ratio Lower Upper
112 100
64 73.9 49.5 74.3
63 46.8 32.0 48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion: 99 Resp: 157
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 40.8 37.8 56.6



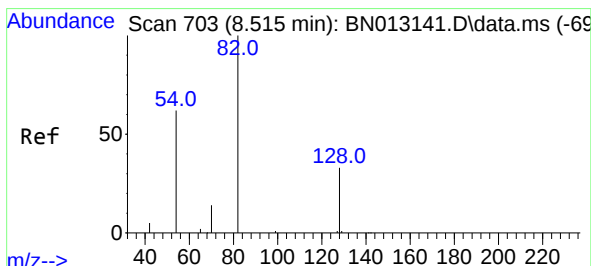
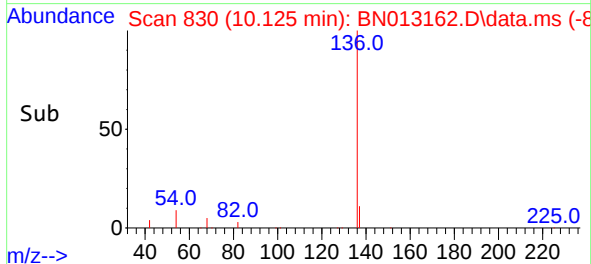
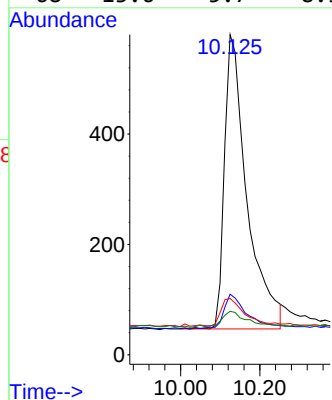
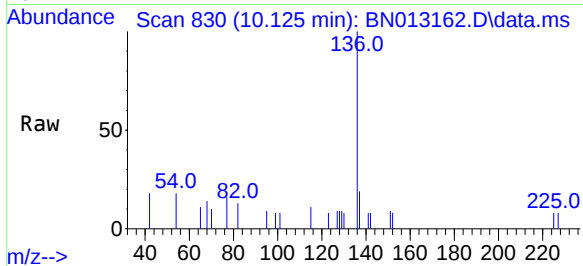


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

Tgt Ion:136 Resp: 2104

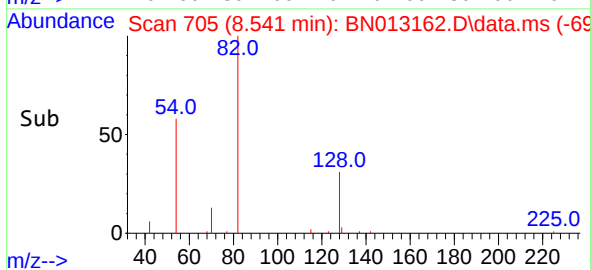
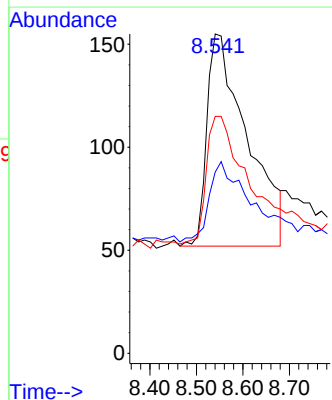
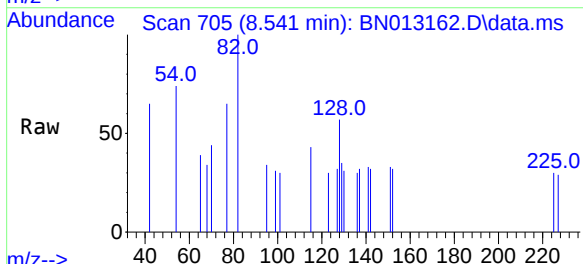
Ion	Ratio	Lower	Upper
136	100		
137	19.0	10.6	15.8#
54	17.6	8.6	12.8#
68	13.6	5.7	8.5#

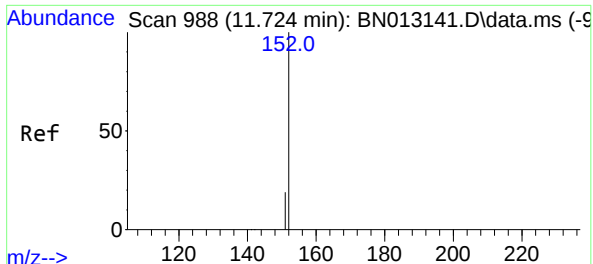


#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion: 82 Resp: 622

Ion	Ratio	Lower	Upper
82	100		
128	56.8	30.6	46.0#
54	74.2	48.3	72.5#

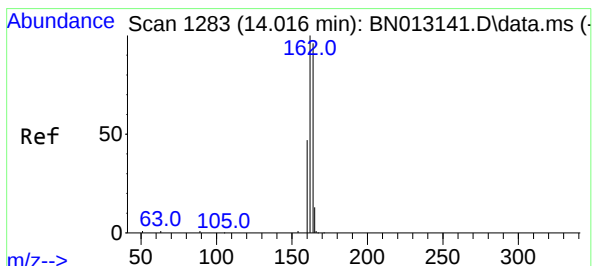
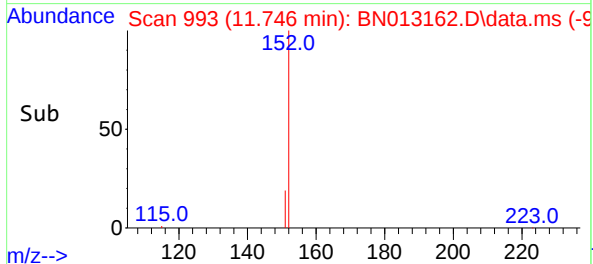
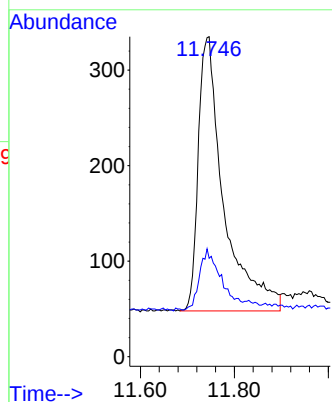
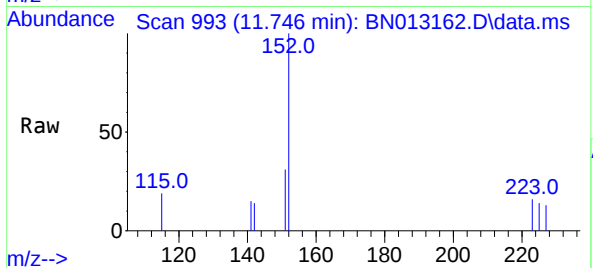




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.022 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

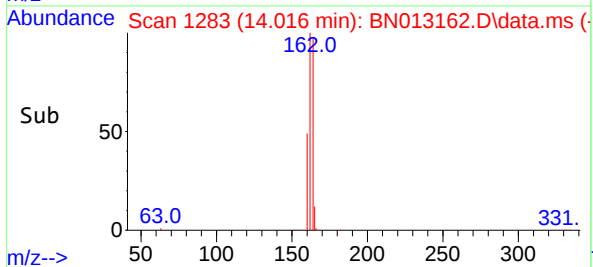
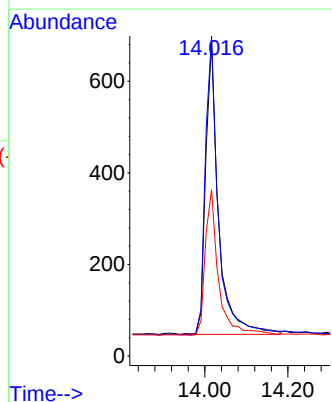
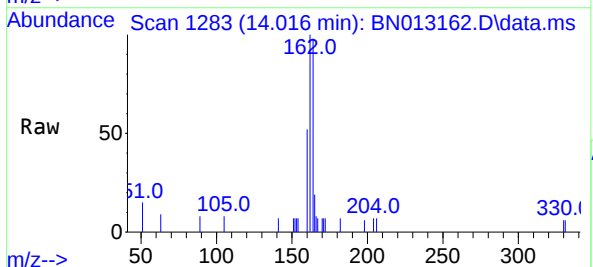
Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

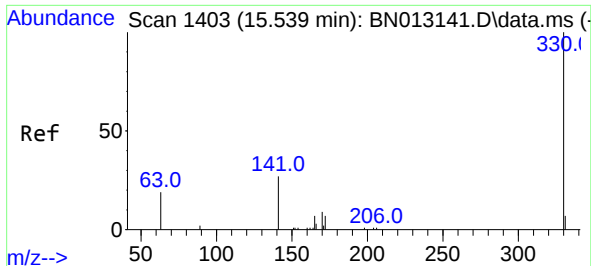
Tgt Ion:152 Resp: 1082
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:164 Resp: 1373
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 53.0 39.5 59.3

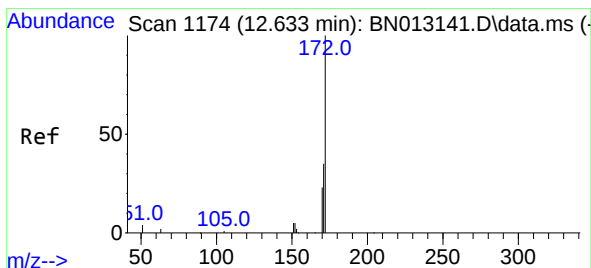
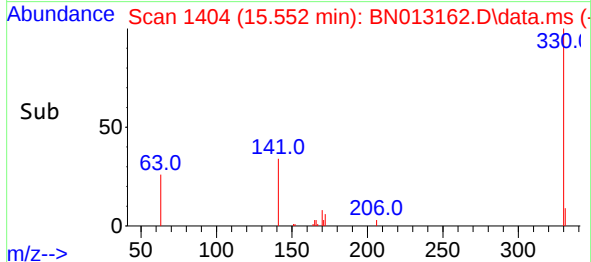
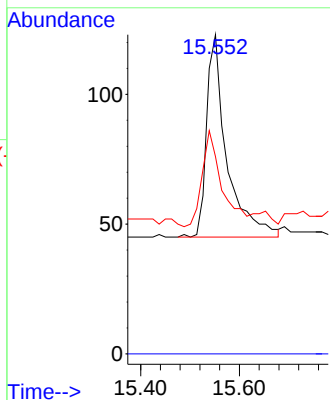
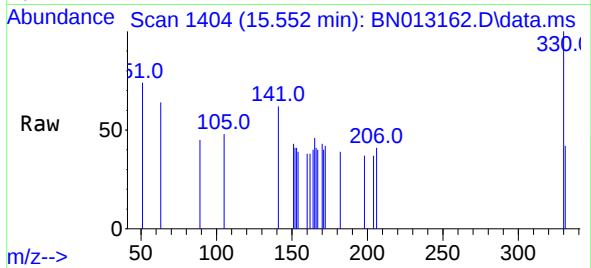




#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

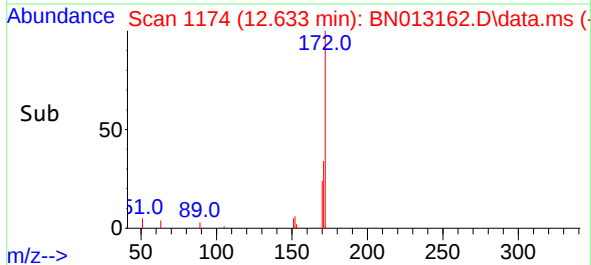
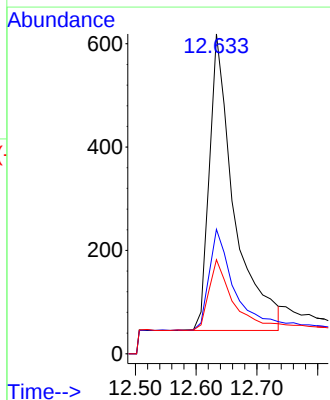
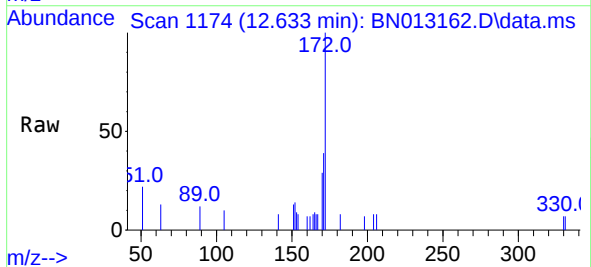
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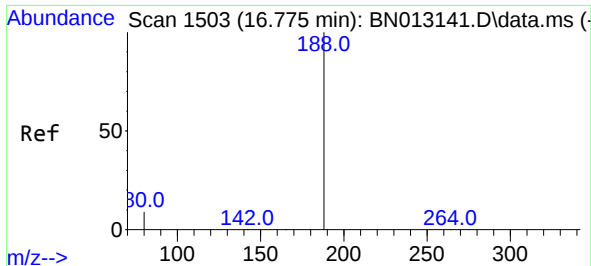
Tgt Ion:330 Resp: 222
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.2 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:172 Resp: 1625
Ion Ratio Lower Upper
172 100
171 38.9 28.2 42.4
170 29.4 20.0 30.0

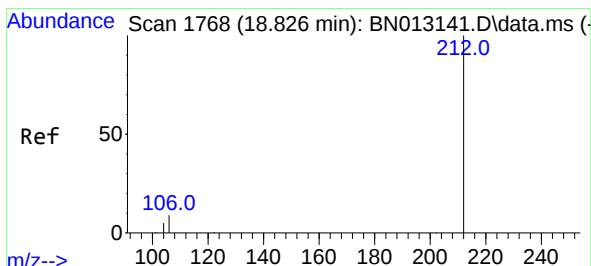
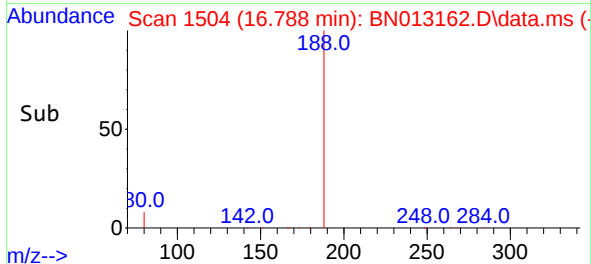
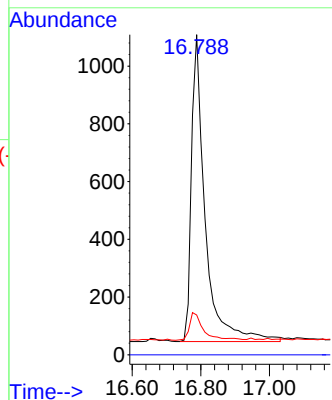
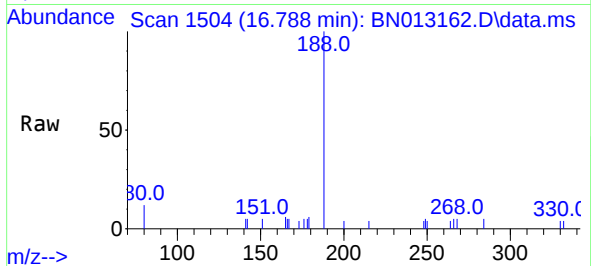




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

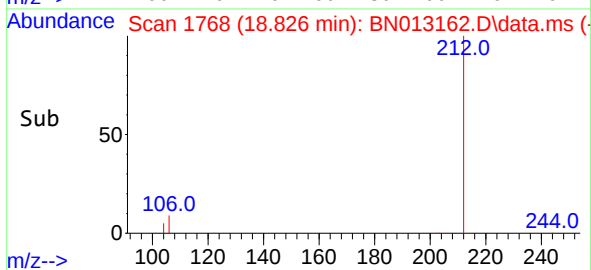
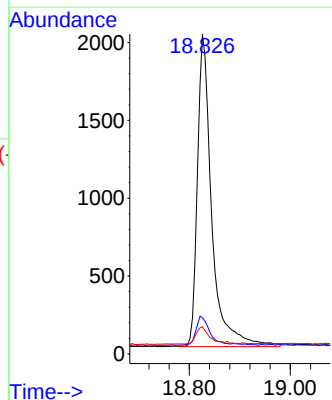
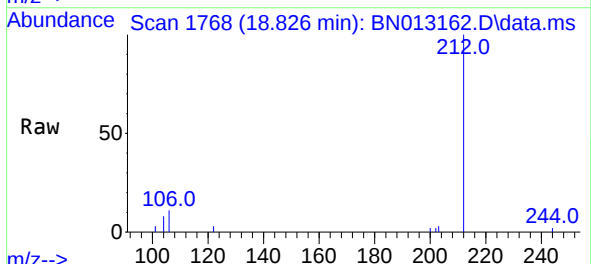
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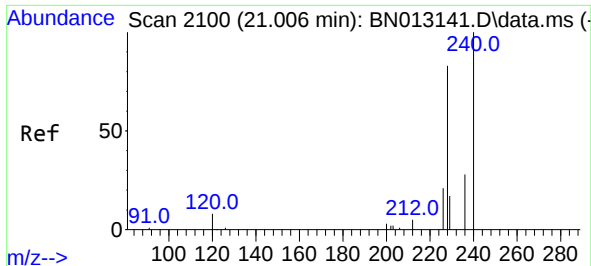
Tgt Ion:188	Resp:	2943
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.4	5.0



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:212	Resp:	3952
Ion Ratio	Lower	Upper
212	100	
106	8.7	6.8
104	5.4	4.1

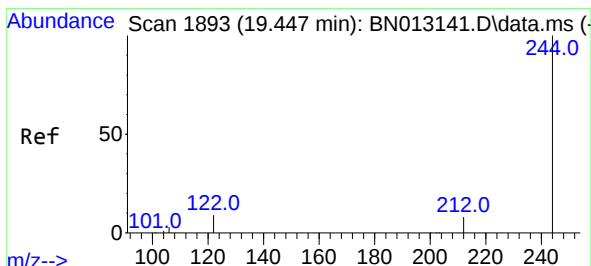
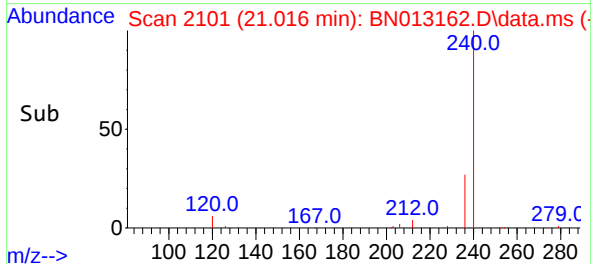
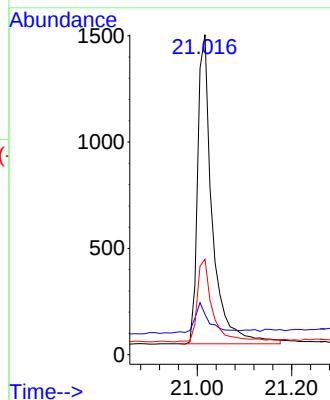
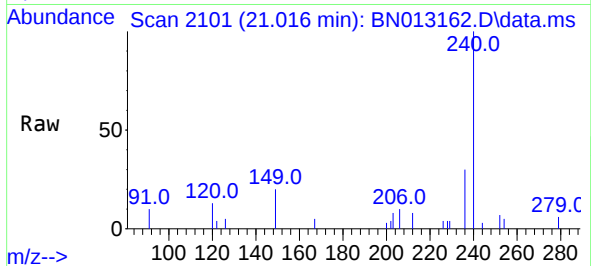




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

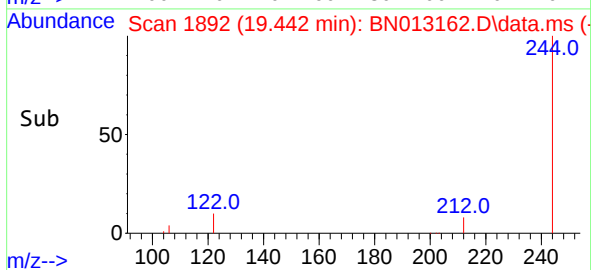
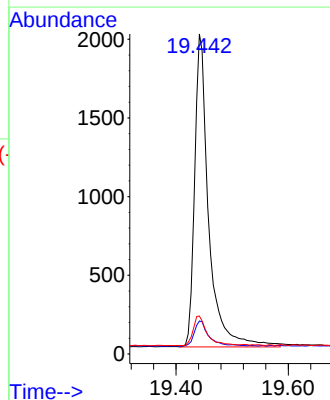
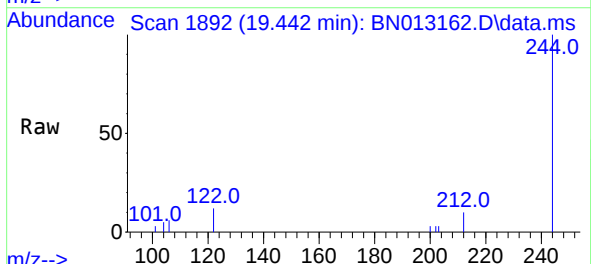
Instrument :
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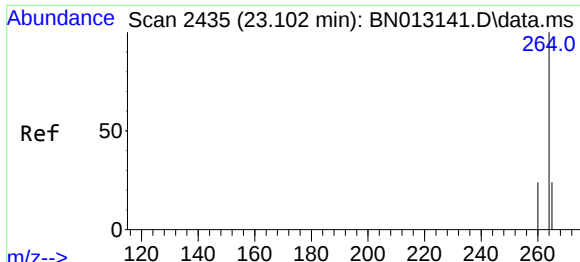
Tgt Ion:240 Resp: 3140
Ion Ratio Lower Upper
240 100
120 12.6 5.3 7.9#
236 29.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:244 Resp: 3459
Ion Ratio Lower Upper
244 100
212 10.3 7.3 10.9
122 11.8 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: BN013162.D
 Acq: 16 Dec 2020 10:43

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20201208

Tgt Ion:264 Resp: 3693

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.8	29.6
265	85.0	51.4	77.0#

