

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013157.D
 Acq On : 16 Dec 2020 07:43
 Operator : CG/JU
 Sample : L4996-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20201207

Quant Time: Dec 16 08:43:30 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)

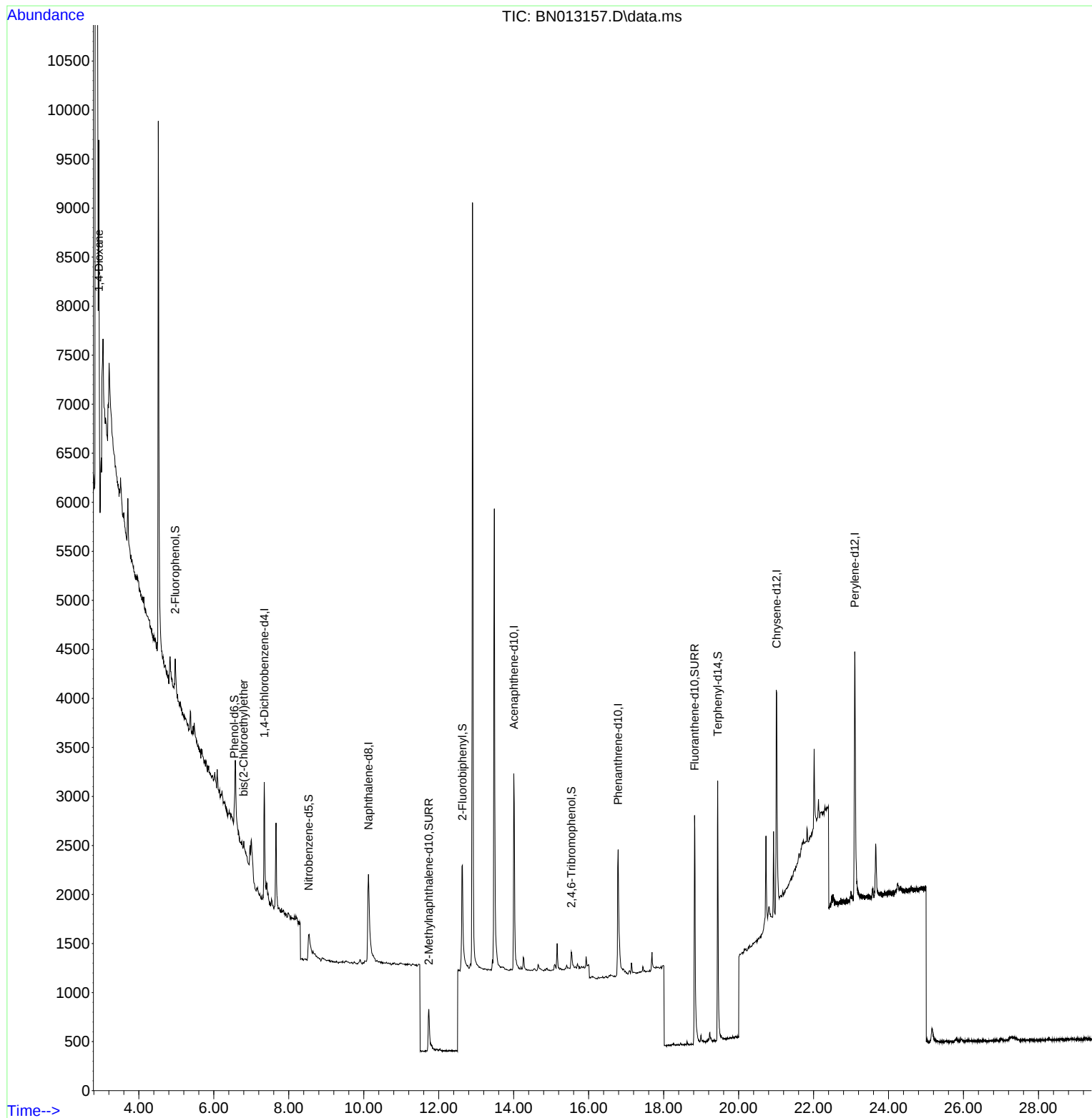
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	718	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2323	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1476	0.40	ng	-0.01
19) Phenanthrene-d10	16.788	188	3159	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	3447	0.40	ng	# 0.01
36) Perylene-d12	23.099	264	3917	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	353	0.12	ng	0.00
5) Phenol-d6	6.549	99	236	0.08	ng	0.00
8) Nitrobenzene-d5	8.528	82	610	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	11.733	152	1062	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	217	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1580	0.26	ng	0.00
27) Fluoranthene-d10	18.826	212	3875	0.37	ng	0.00
31) Terphenyl-d14	19.442	244	3461	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	2059	1.64	ng	# 93
6) bis(2-Chloroethyl)ether	6.798	93	66	0.04	ng	94

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

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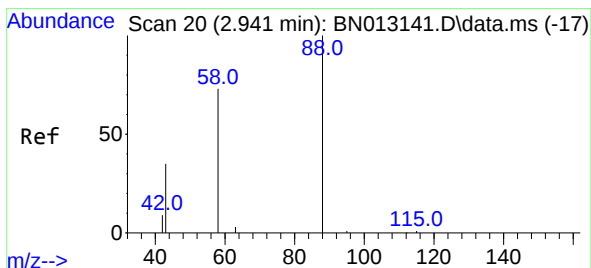
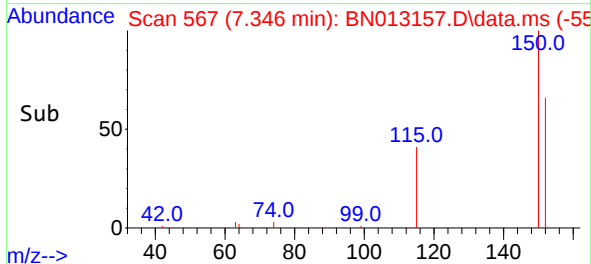
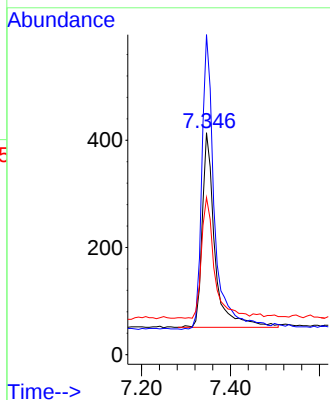
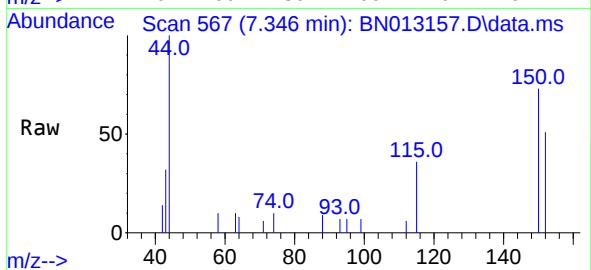


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Instrument :
BNA_N
ClientSampleId :
RE132D7-20201207

Tgt Ion:152 Resp: 718

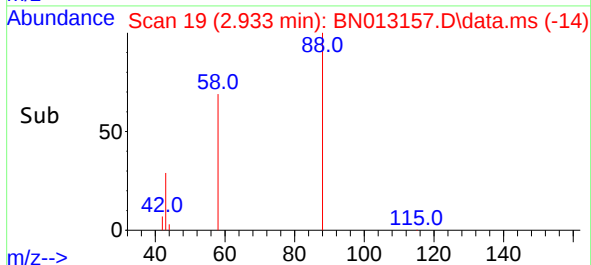
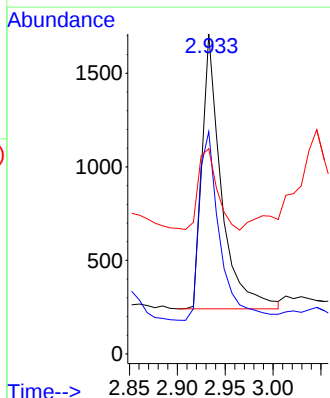
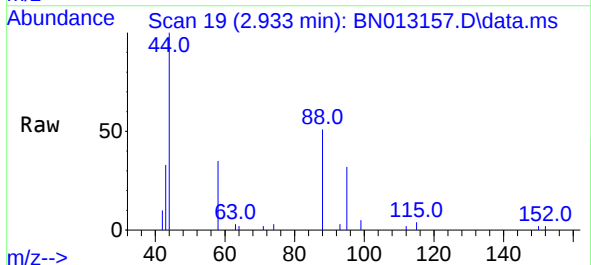
Ion	Ratio	Lower	Upper
152	100		
150	144.2	116.6	174.8
115	70.8	52.9	79.3



#2
1,4-Dioxane
Concen: 1.64 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion: 88 Resp: 2059

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.4	89.2
43	28.8	32.3	48.5



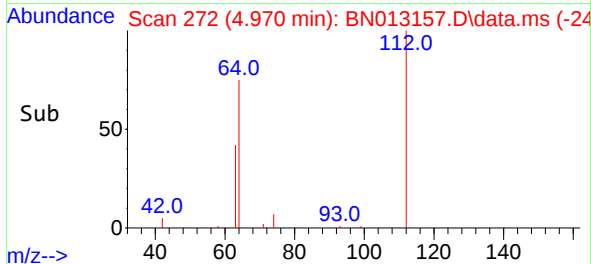
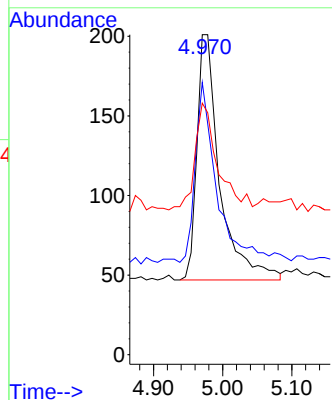
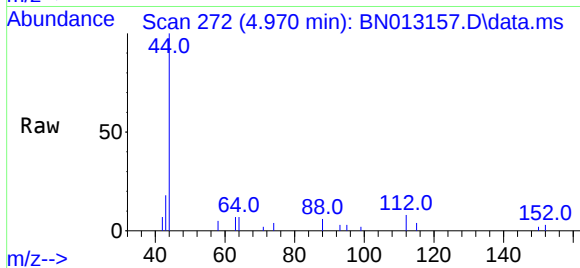


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Instrument :
BNA_N
ClientSampleId :
RE132D7-20201207

Tgt Ion: 112 Resp: 353

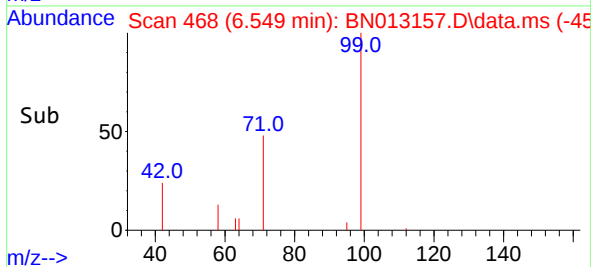
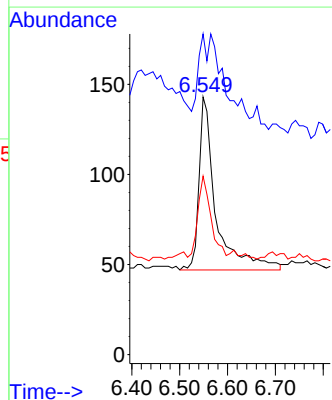
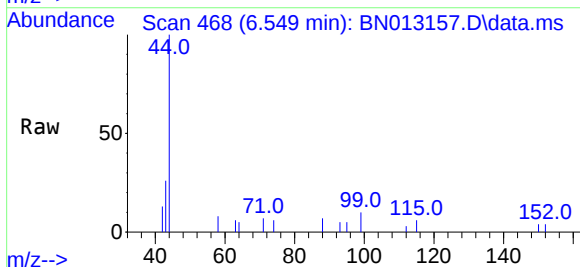
Ion	Ratio	Lower	Upper
112	100		
64	68.6	49.5	74.3
63	43.9	32.0	48.0

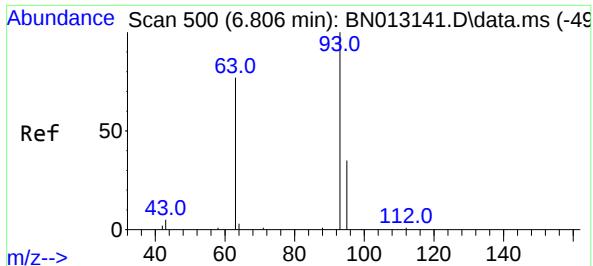


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion: 99 Resp: 236

Ion	Ratio	Lower	Upper
99	100		
42	22.5	22.4	33.6
71	40.7	37.8	56.6

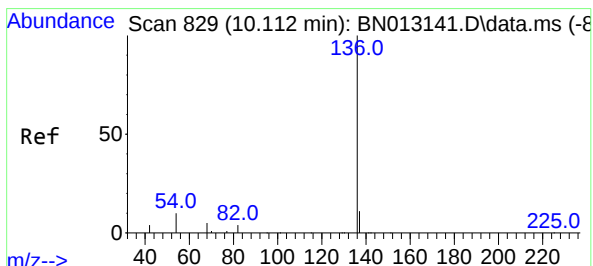
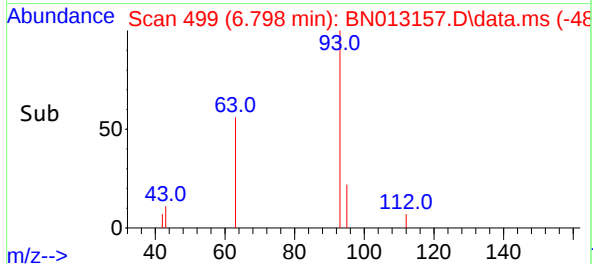
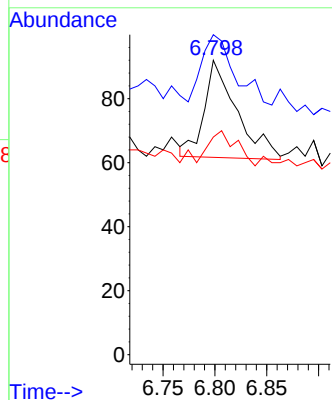
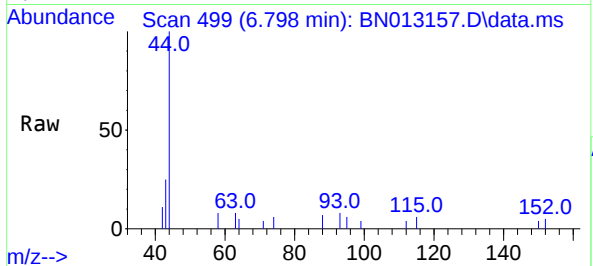




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 6.798 min Scan# 499
Delta R.T. -0.008 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

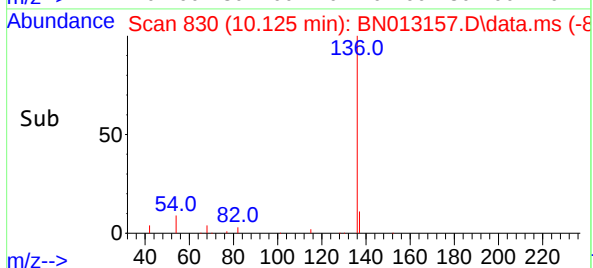
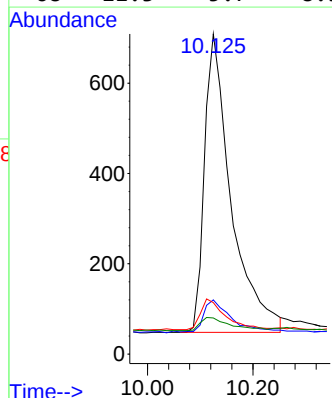
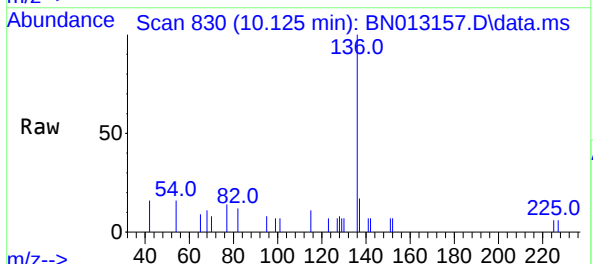
Instrument :
BNA_N
ClientSampleId :
RE132D7-20201207

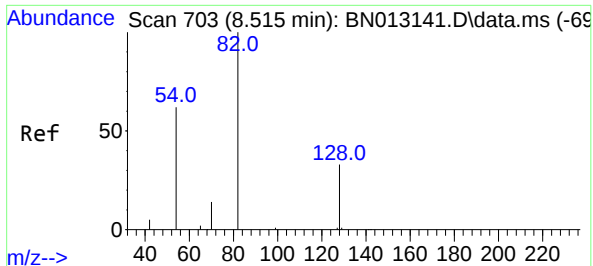
Tgt Ion:	93	Resp:	66
Ion	Ratio	Lower	Upper
93	100		
63	72.7	63.1	94.7
95	30.3	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion:	136	Resp:	2323
Ion	Ratio	Lower	Upper
136	100		
137	16.9	10.6	15.8#
54	16.1	8.6	12.8#
68	11.3	5.7	8.5#

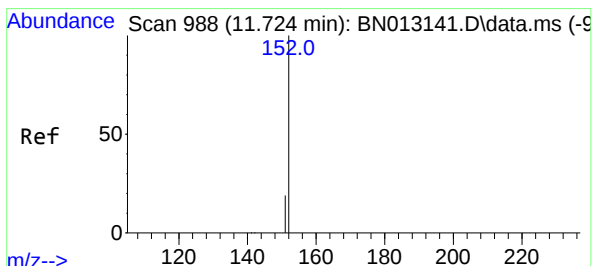
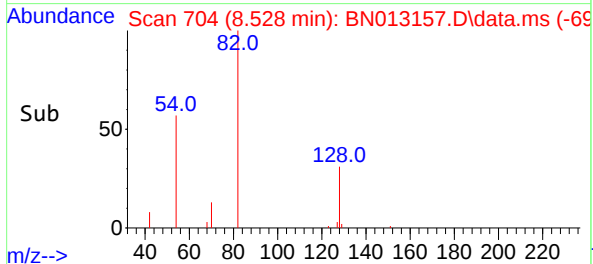
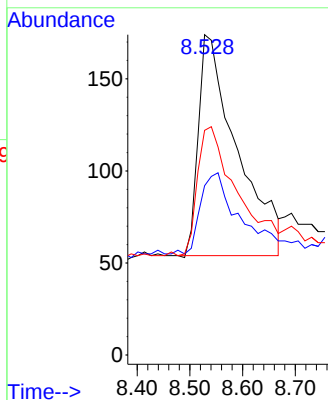
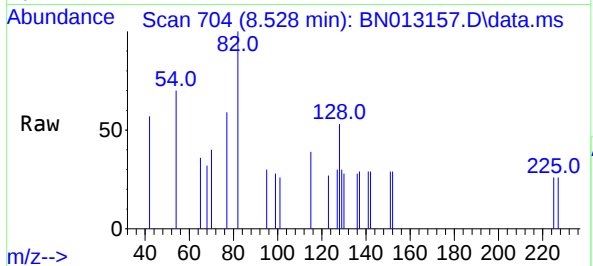




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.013 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

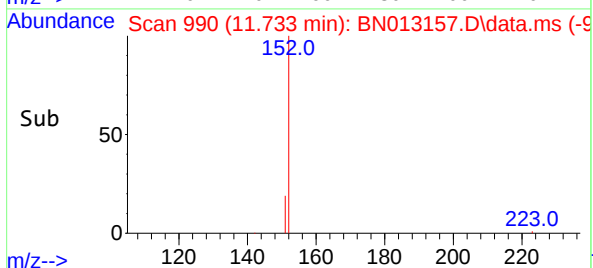
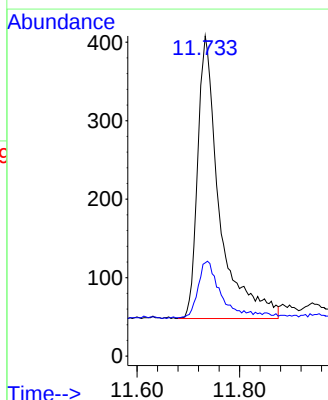
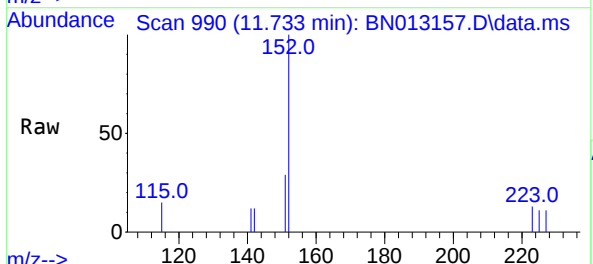
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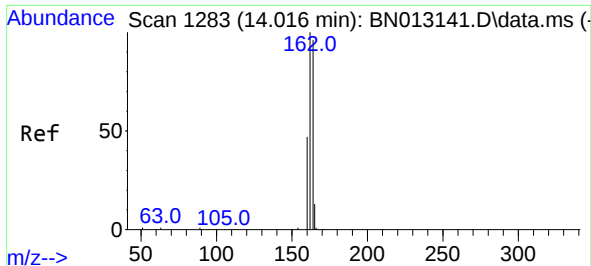
Tgt Ion: 82 Resp: 610
Ion Ratio Lower Upper
82 100
128 52.9 30.6 46.0#
54 70.1 48.3 72.5



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.009 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion: 152 Resp: 1062
Ion Ratio Lower Upper
152 100
151 19.4 16.7 25.1

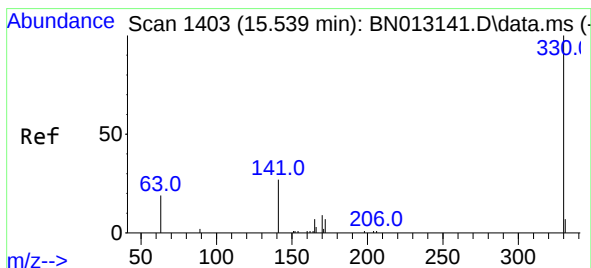
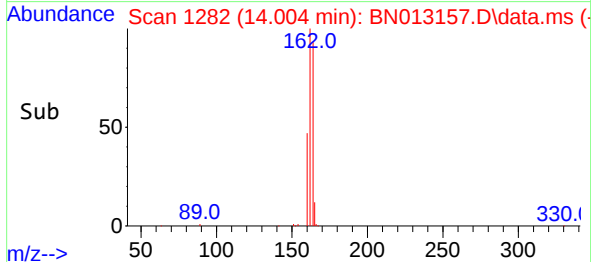
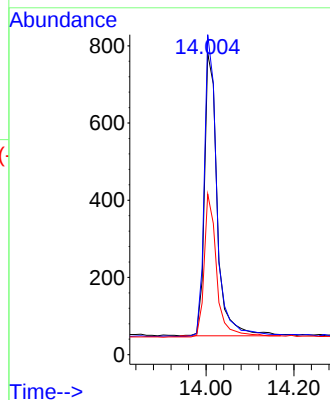
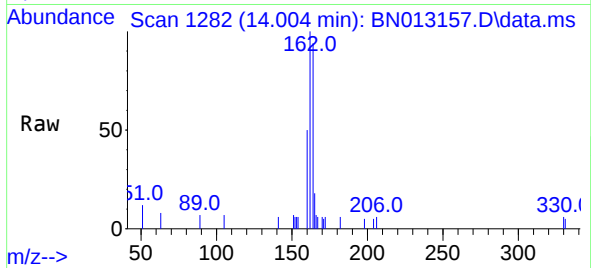




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

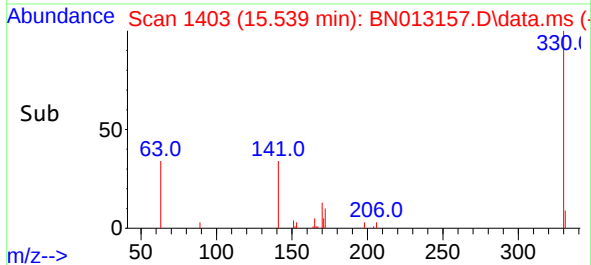
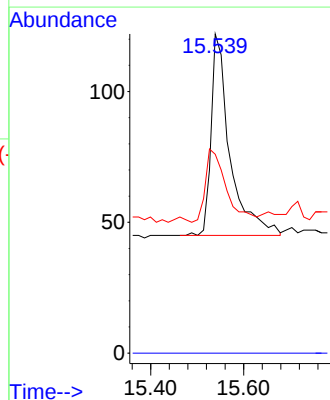
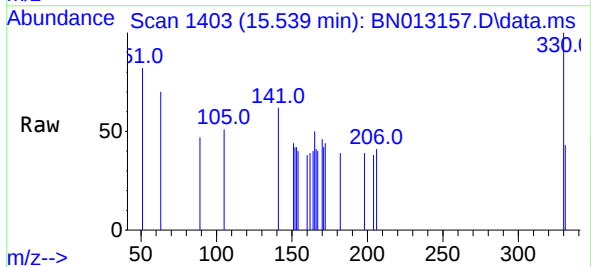
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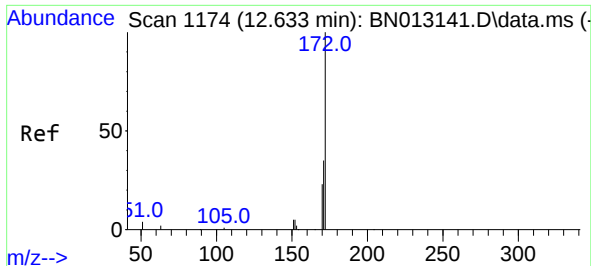
Tgt Ion:164 Resp: 1476
Ion Ratio Lower Upper
164 100
162 106.3 80.6 120.8
160 53.3 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion:330 Resp: 217
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.6 34.4 51.6

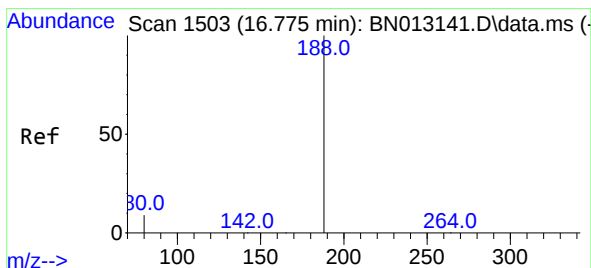
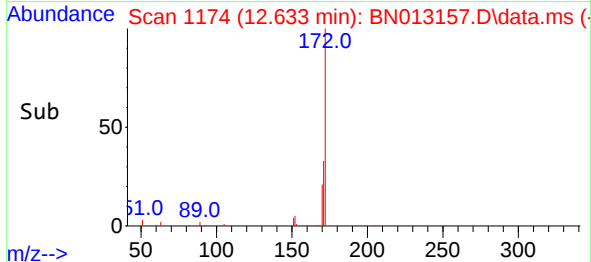
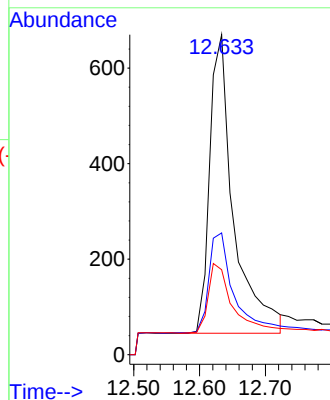
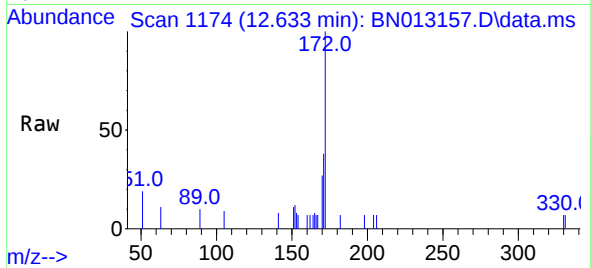




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

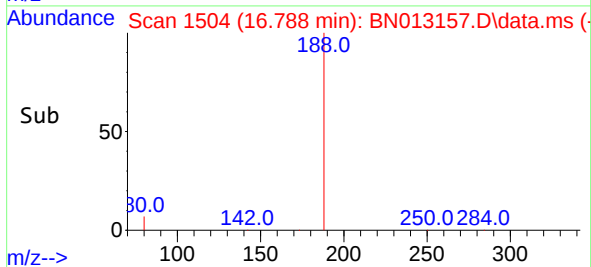
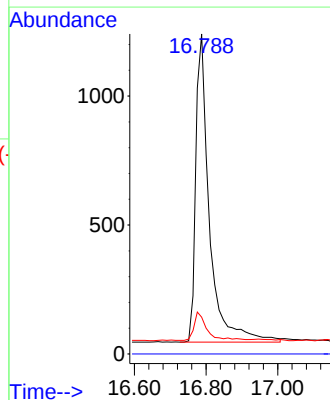
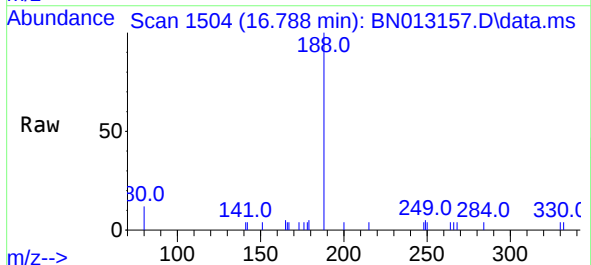
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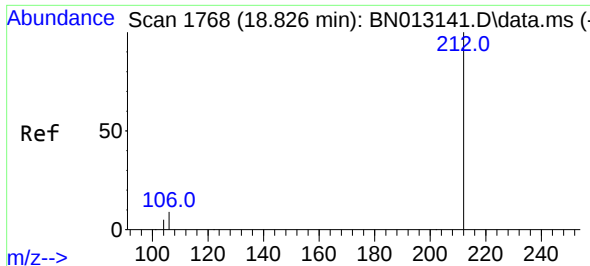
Tgt Ion:	172	Resp:	1580
Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.2	42.4
170	26.6	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion:	188	Resp:	3159
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	5.0	7.4#

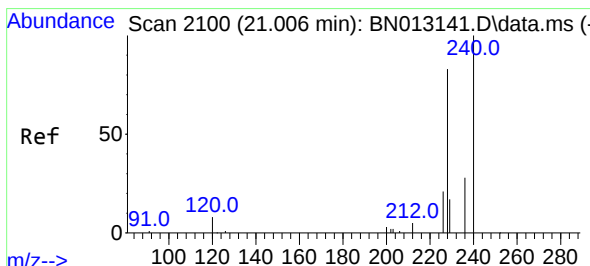
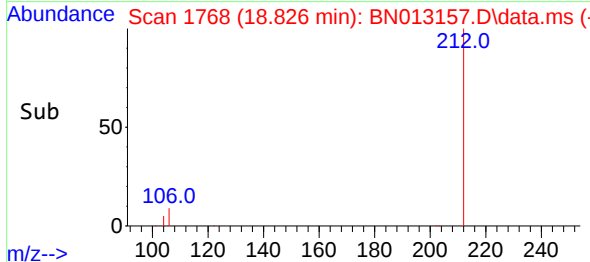
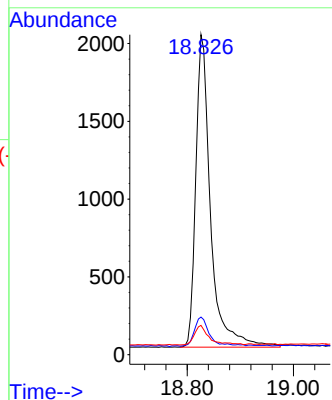
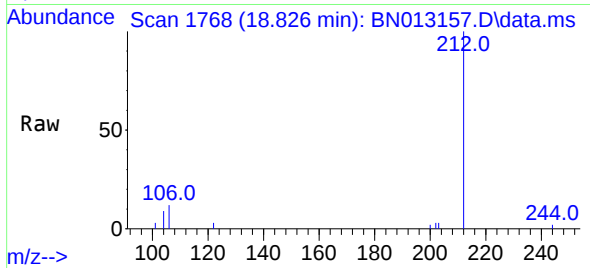




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

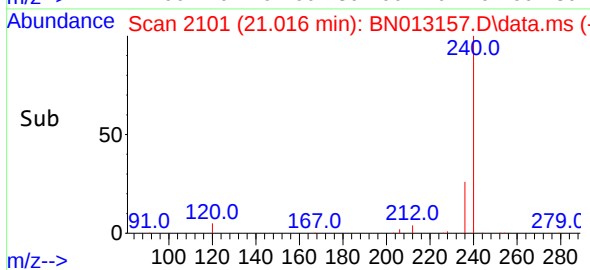
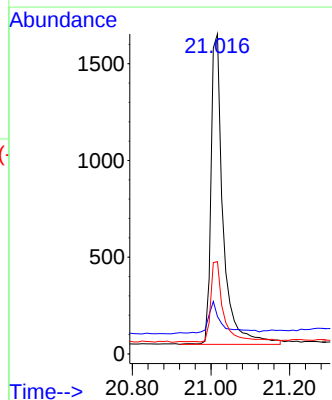
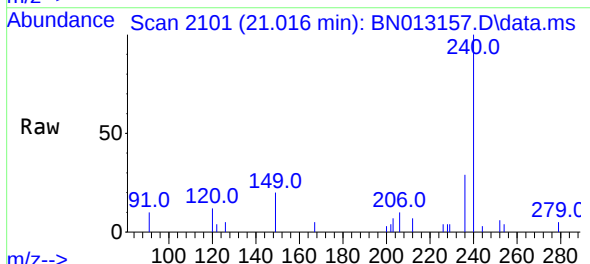
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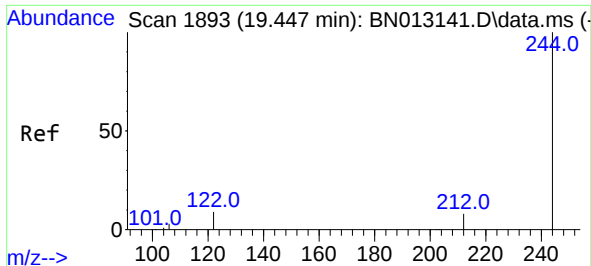
Tgt Ion:212 Resp: 3875
Ion Ratio Lower Upper
212 100
106 9.2 6.8 10.2
104 6.3 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion:240 Resp: 3447
Ion Ratio Lower Upper
240 100
120 11.7 5.3 7.9#
236 28.8 21.8 32.8

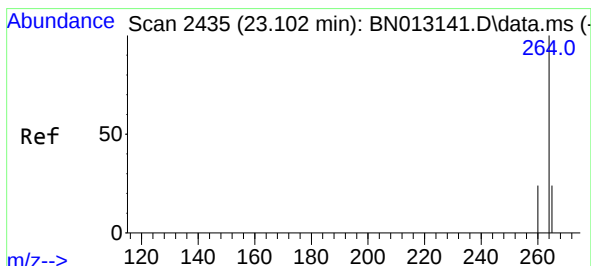
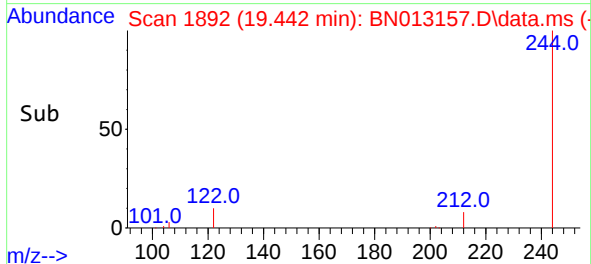
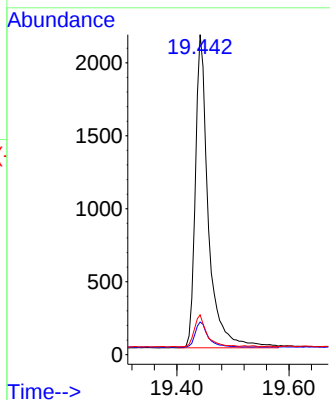
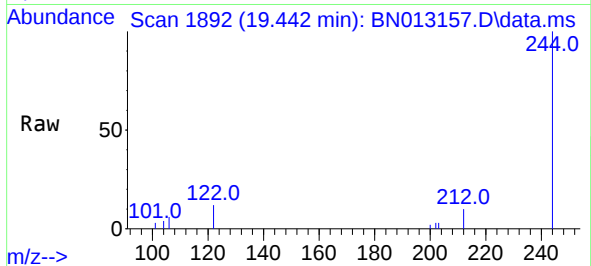




#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Instrument :
BNA_N
ClientSampleId :
RE132D7-20201207

Tgt Ion:244 Resp: 3461
Ion Ratio Lower Upper
244 100
212 10.2 7.3 10.9
122 12.4 7.3 10.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.099 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BN013157.D
Acq: 16 Dec 2020 07:43

Tgt Ion:264 Resp: 3917
Ion Ratio Lower Upper
264 100
260 26.7 19.8 29.6
265 81.5 51.4 77.0#

