

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013173.D
 Acq On : 16 Dec 2020 19:44
 Operator : CG/JU
 Sample : L5053-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20201209

Quant Time: Dec 17 03:07:21 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 15 16:49:20 2020
 Response via : Initial Calibration

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

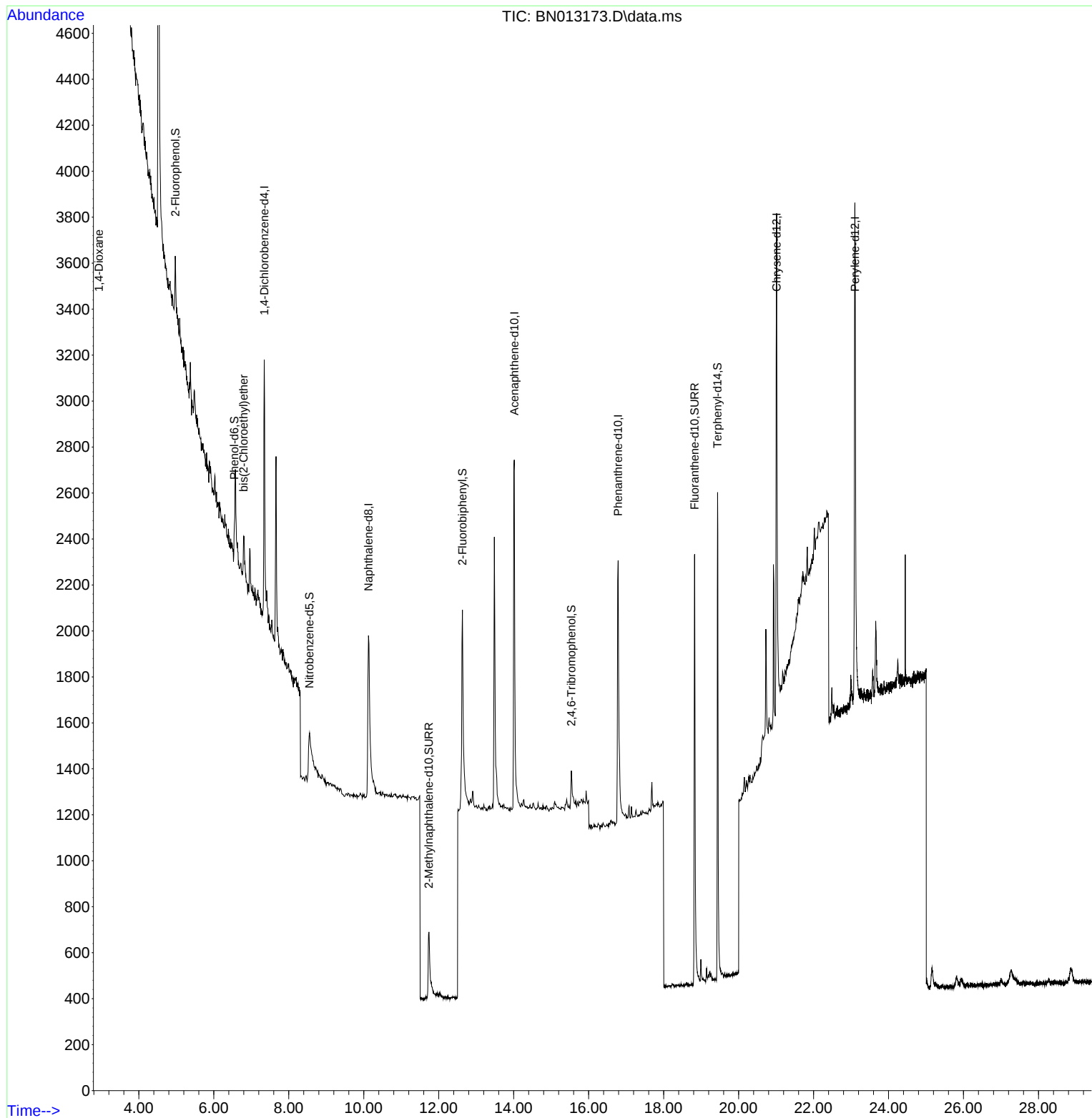
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	718	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1970	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1287	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2836	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	3049	0.40	ng	# 0.00
36) Perylene-d12	23.103	264	3450	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	253	0.09	ng	0.00
5) Phenol-d6	6.549	99	139	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	547	0.27	ng	0.04
11) 2-Methylnaphthalene-d10	11.733	152	873	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	175	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1322	0.24	ng	0.00
27) Fluoranthene-d10	18.828	212	3055	0.33	ng	0.00
31) Terphenyl-d14	19.439	244	2745	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	1936	1.55	ng	97
6) bis(2-Chloroethyl)ether	6.798	93	200	0.11	ng	97

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

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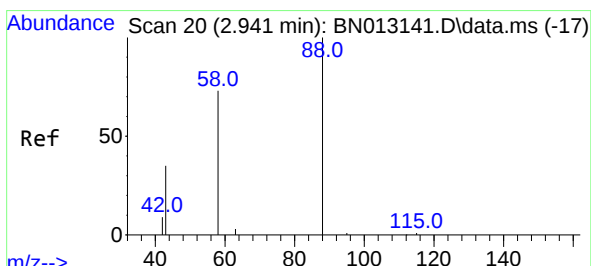
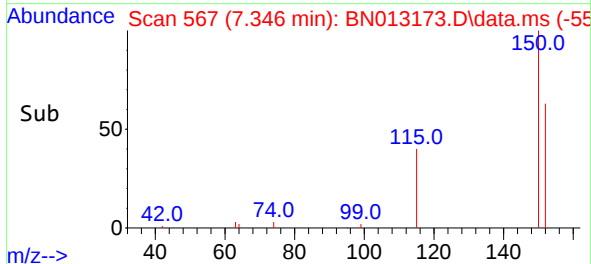
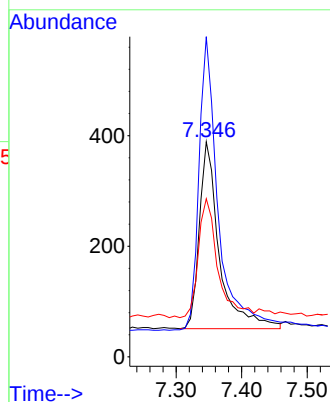
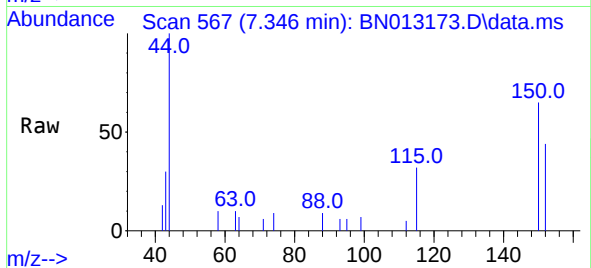


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. -0.008 min
 Lab File: BN013173.D
 Acq: 16 Dec 2020 19:44

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20201209

Tgt Ion: 152 Resp: 718

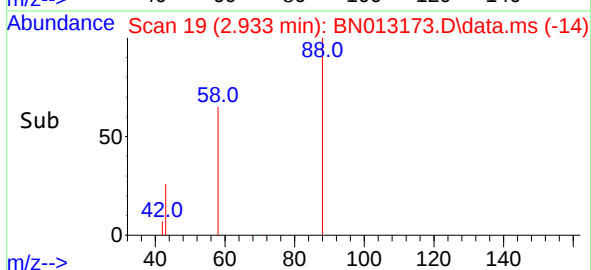
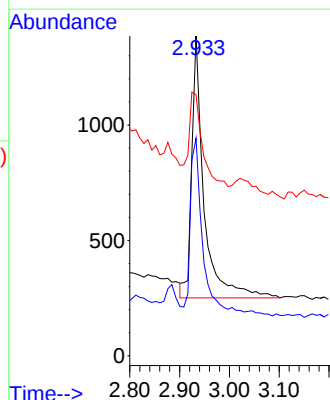
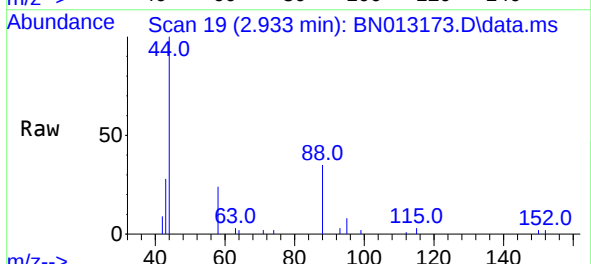
Ion	Ratio	Lower	Upper
152	100		
150	148.8	116.6	174.8
115	73.5	52.9	79.3



#2
 1,4-Dioxane
 Concen: 1.55 ng
 RT: 2.933 min Scan# 19
 Delta R.T. -0.008 min
 Lab File: BN013173.D
 Acq: 16 Dec 2020 19:44

Tgt Ion: 88 Resp: 1936

Ion	Ratio	Lower	Upper
88	100		
58	70.2	59.4	89.2
43	39.9	32.3	48.5

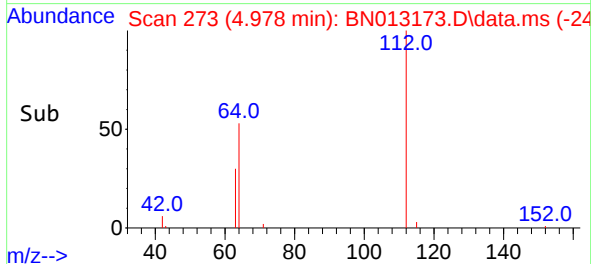
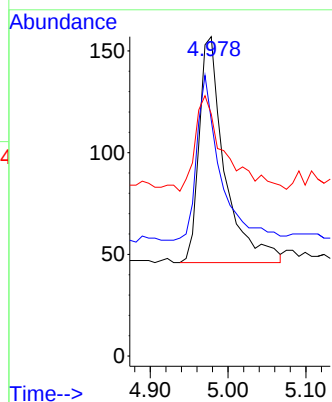
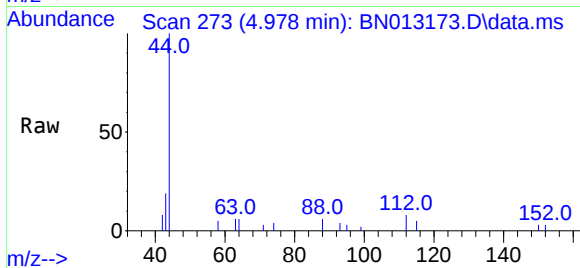




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

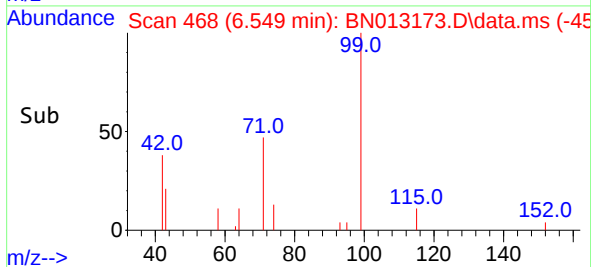
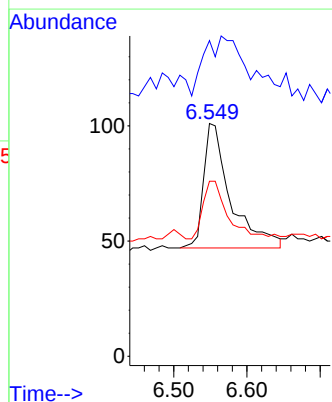
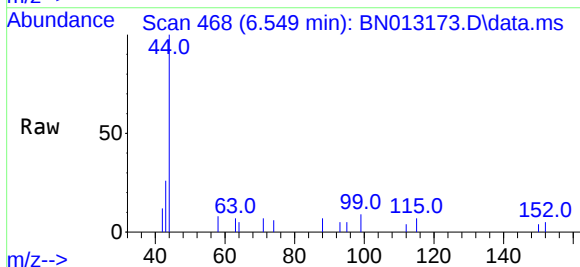
Instrument :
BNA_N
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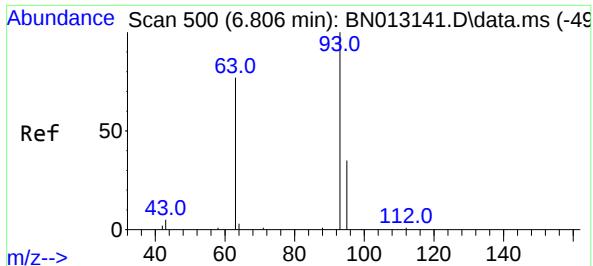
Tgt Ion:	112	Resp:	253
Ion	Ratio	Lower	Upper
112	100		
64	67.2	49.5	74.3
63	49.8	32.0	48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:	99	Resp:	139
Ion	Ratio	Lower	Upper
99	100		
42	75.5	22.4	33.6
71	42.4	37.8	56.6

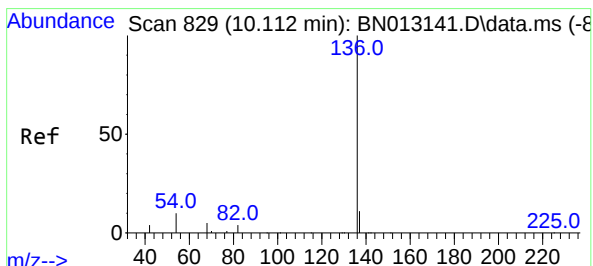
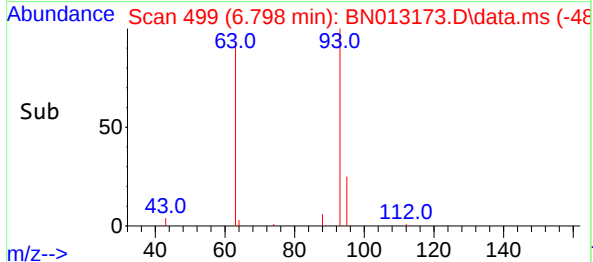
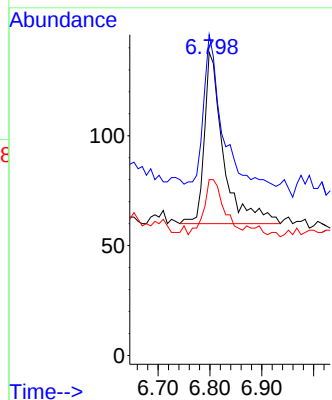
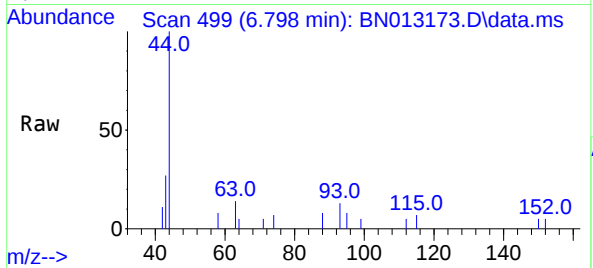




#6
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.798 min Scan# 499
Delta R.T. -0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

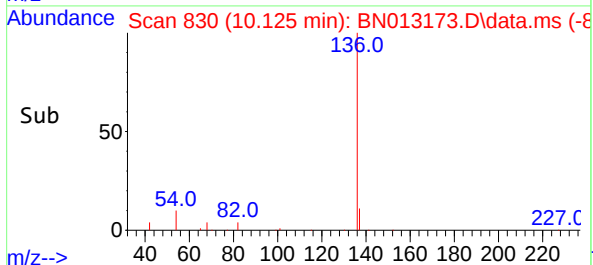
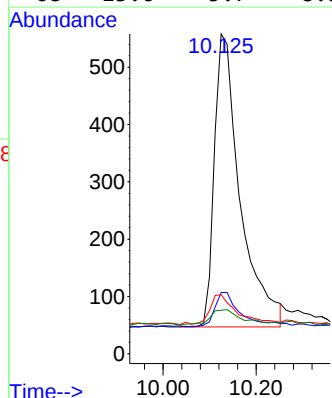
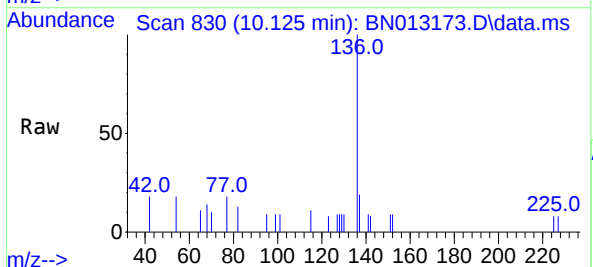
Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

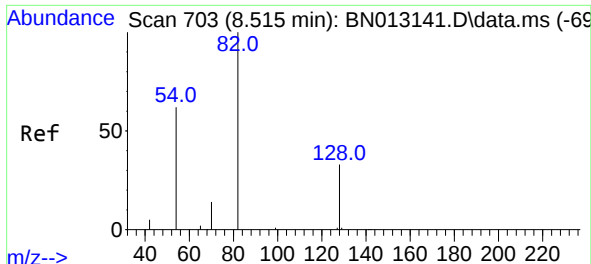
Tgt Ion:	93	Resp:	200
Ion	Ratio	Lower	Upper
93	100		
63	82.5	63.1	94.7
95	33.5	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:	136	Resp:	1970
Ion	Ratio	Lower	Upper
136	100		
137	19.2	10.6	15.8#
54	18.5	8.6	12.8#
68	13.6	5.7	8.5#

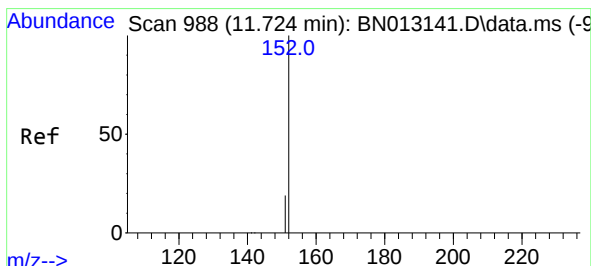
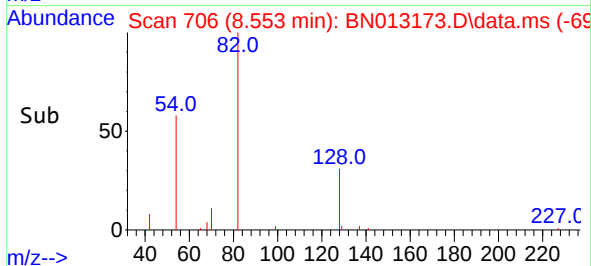
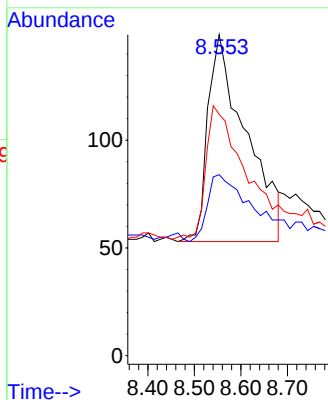
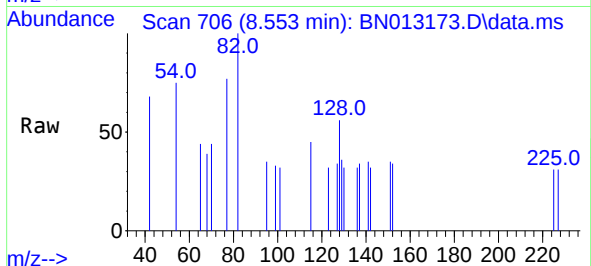




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

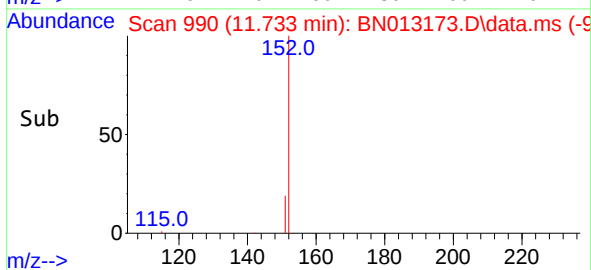
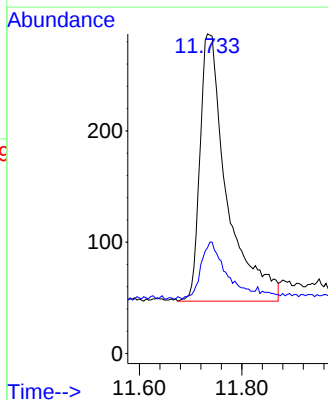
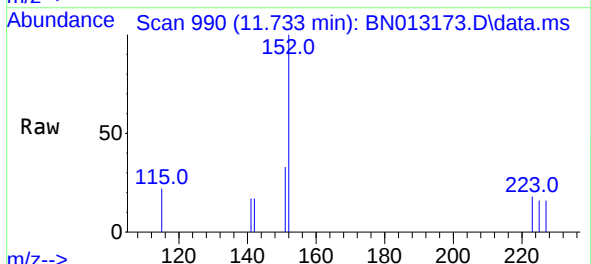
Instrument :
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ClientSampleId :
RE104D2-20201209

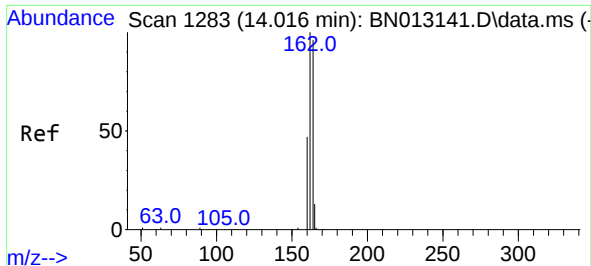
Tgt Ion:	82	Resp:	547
Ion	Ratio	Lower	Upper
82	100		
128	56.4	30.6	46.0#
54	75.2	48.3	72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.009 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:	152	Resp:	873
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.7	25.1



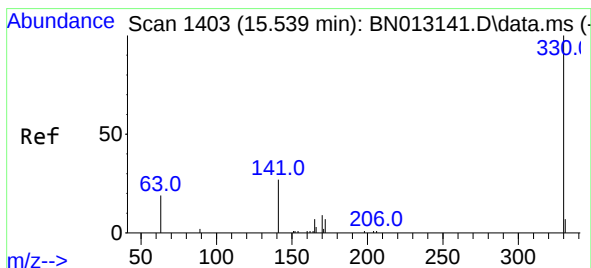
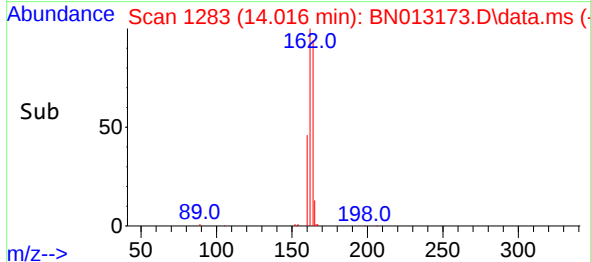
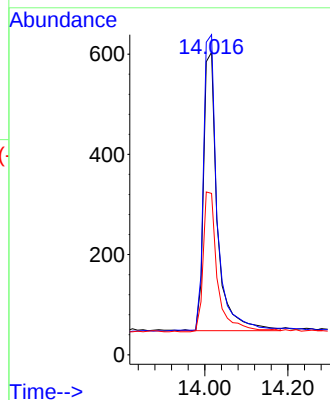
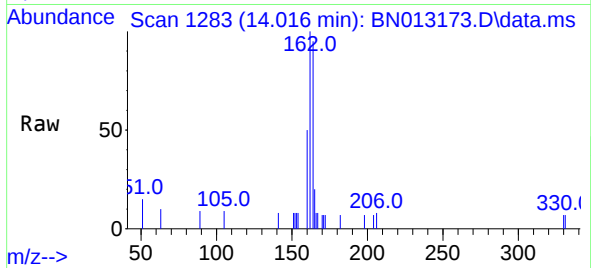


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

Tgt Ion:164 Resp: 1287

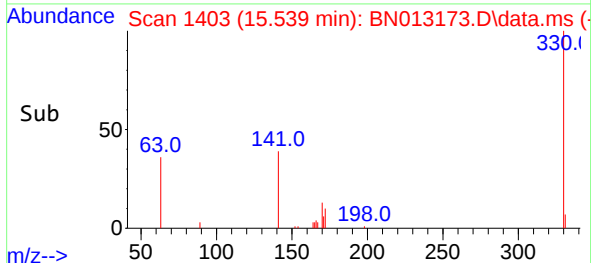
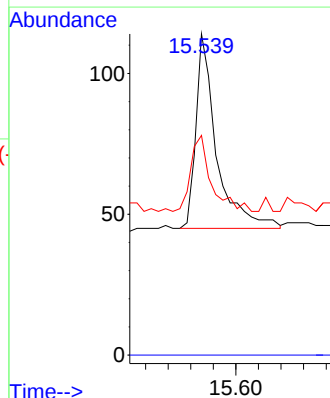
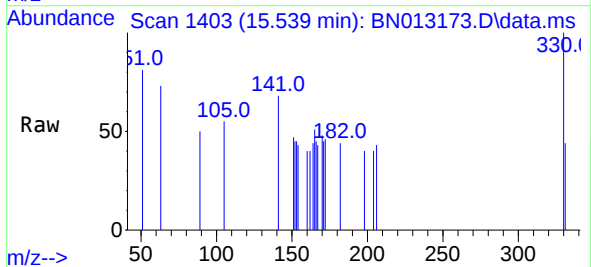
Ion	Ratio	Lower	Upper
164	100		
162	105.8	80.6	120.8
160	53.3	39.5	59.3

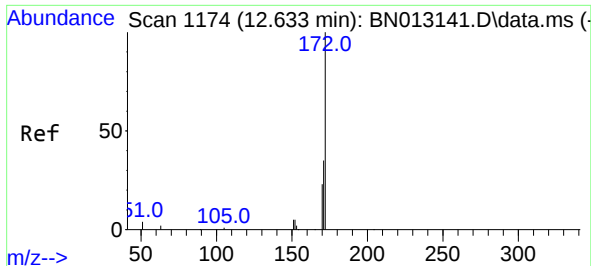


#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:330 Resp: 175

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	34.4	51.6

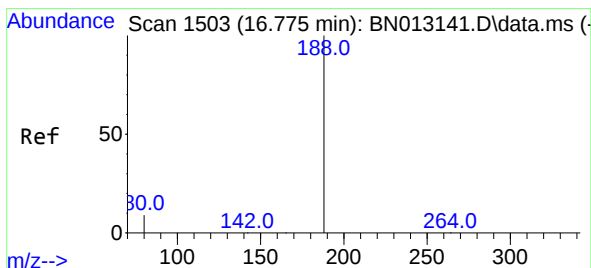
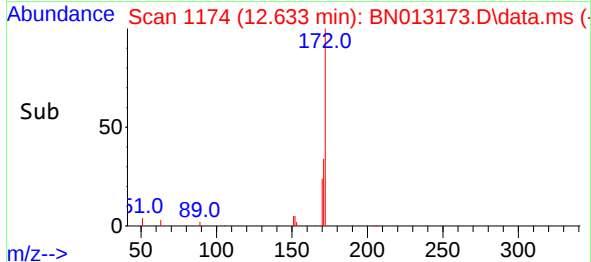
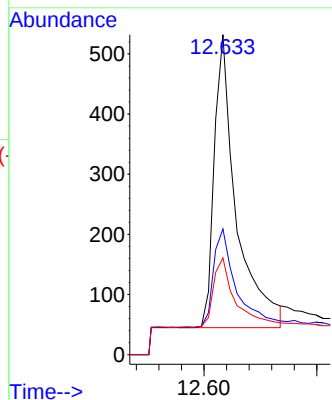
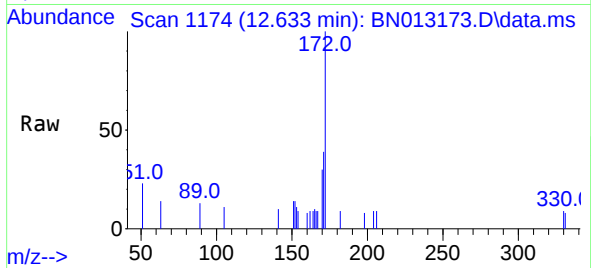




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

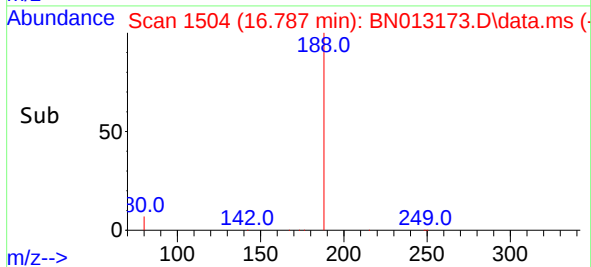
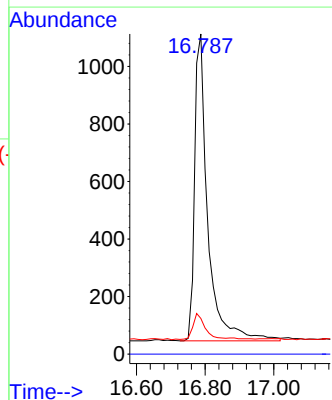
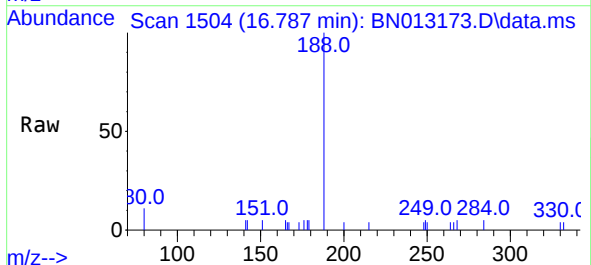
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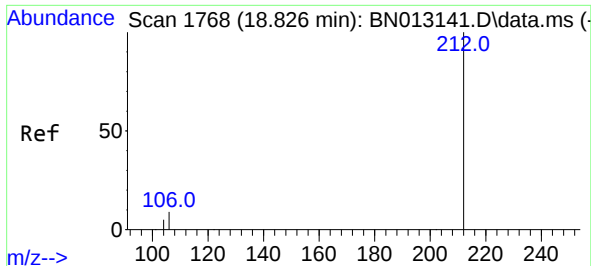
Tgt Ion:	172	Resp:	1322
Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.2	42.4
170	30.3	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:	188	Resp:	2836
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	5.0	7.4#

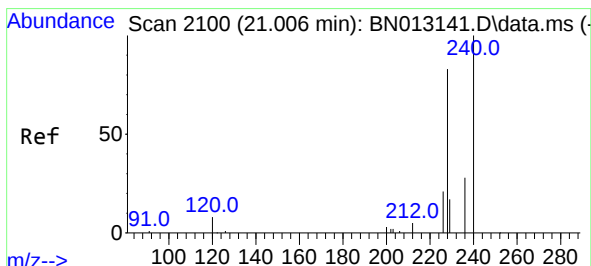
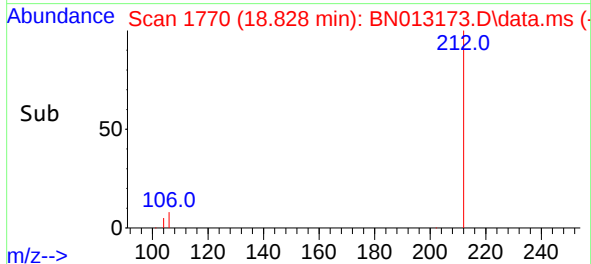
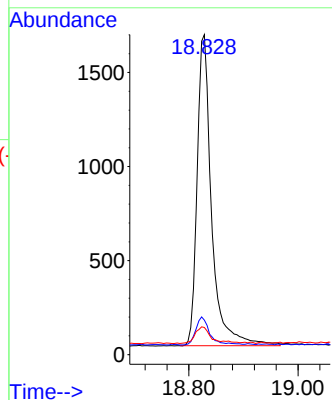
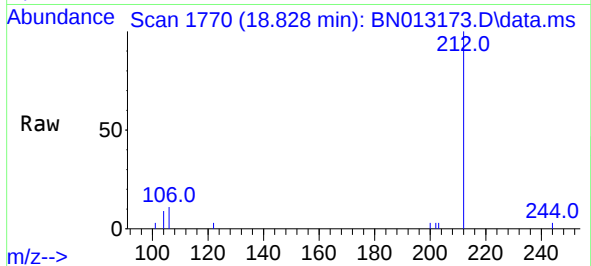




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

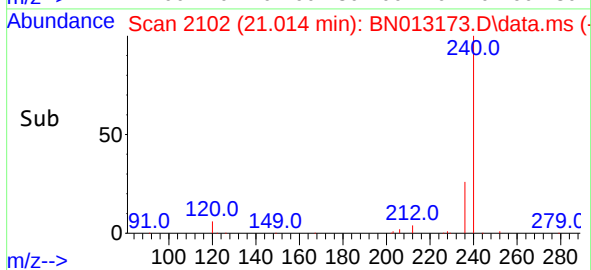
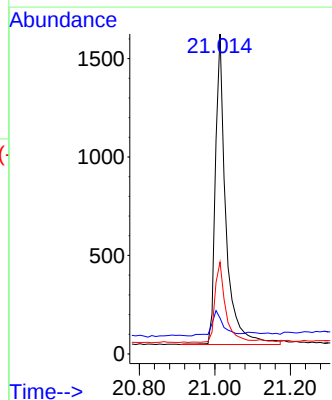
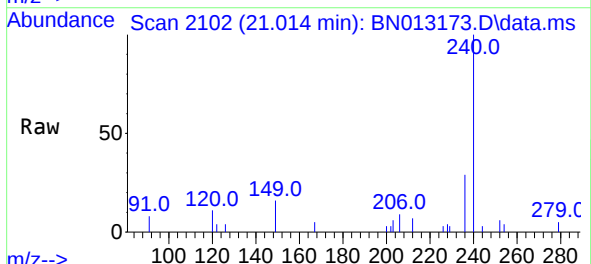
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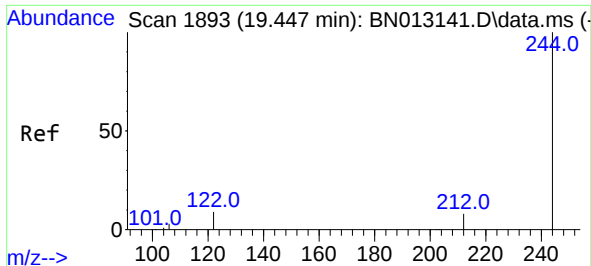
Tgt Ion:212 Resp: 3055
Ion Ratio Lower Upper
212 100
106 8.6 6.8 10.2
104 5.2 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:240 Resp: 3049
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 28.7 21.8 32.8

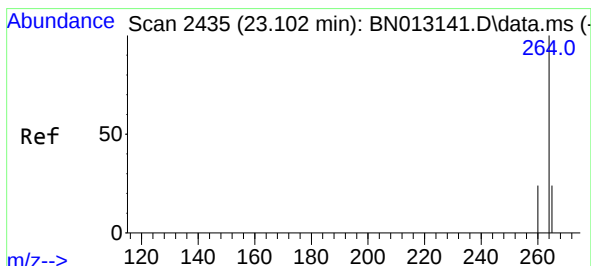
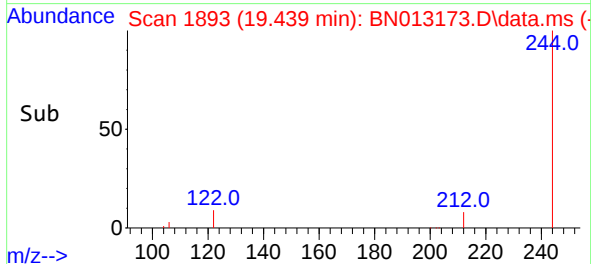
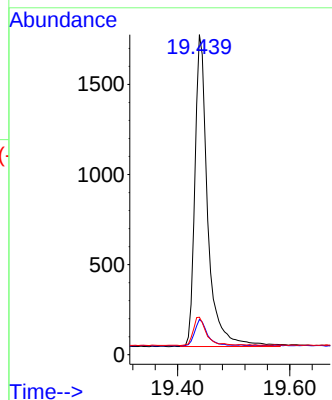
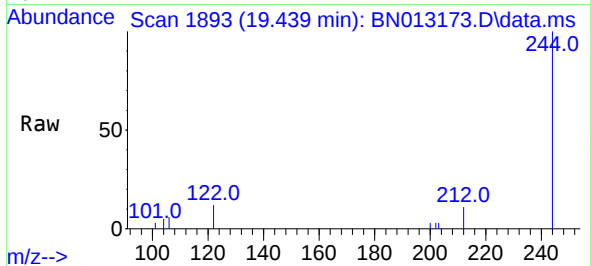




#31
 Terphenyl-d14
 Concen: 0.35 ng
 RT: 19.439 min Scan# 1893
 Delta R.T. -0.008 min
 Lab File: BN013173.D
 Acq: 16 Dec 2020 19:44

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20201209

Tgt Ion:244 Resp: 2745
 Ion Ratio Lower Upper
 244 100
 212 11.0 7.3 10.9#
 122 11.7 7.3 10.9#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.103 min Scan# 2437
 Delta R.T. 0.001 min
 Lab File: BN013173.D
 Acq: 16 Dec 2020 19:44

Tgt Ion:264 Resp: 3450
 Ion Ratio Lower Upper
 264 100
 260 26.2 19.8 29.6
 265 82.2 51.4 77.0#

