

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013187.D
 Acq On : 17 Dec 2020 15:49
 Operator : CG/JU
 Sample : L5053-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20201210

Quant Time: Dec 17 16:17:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

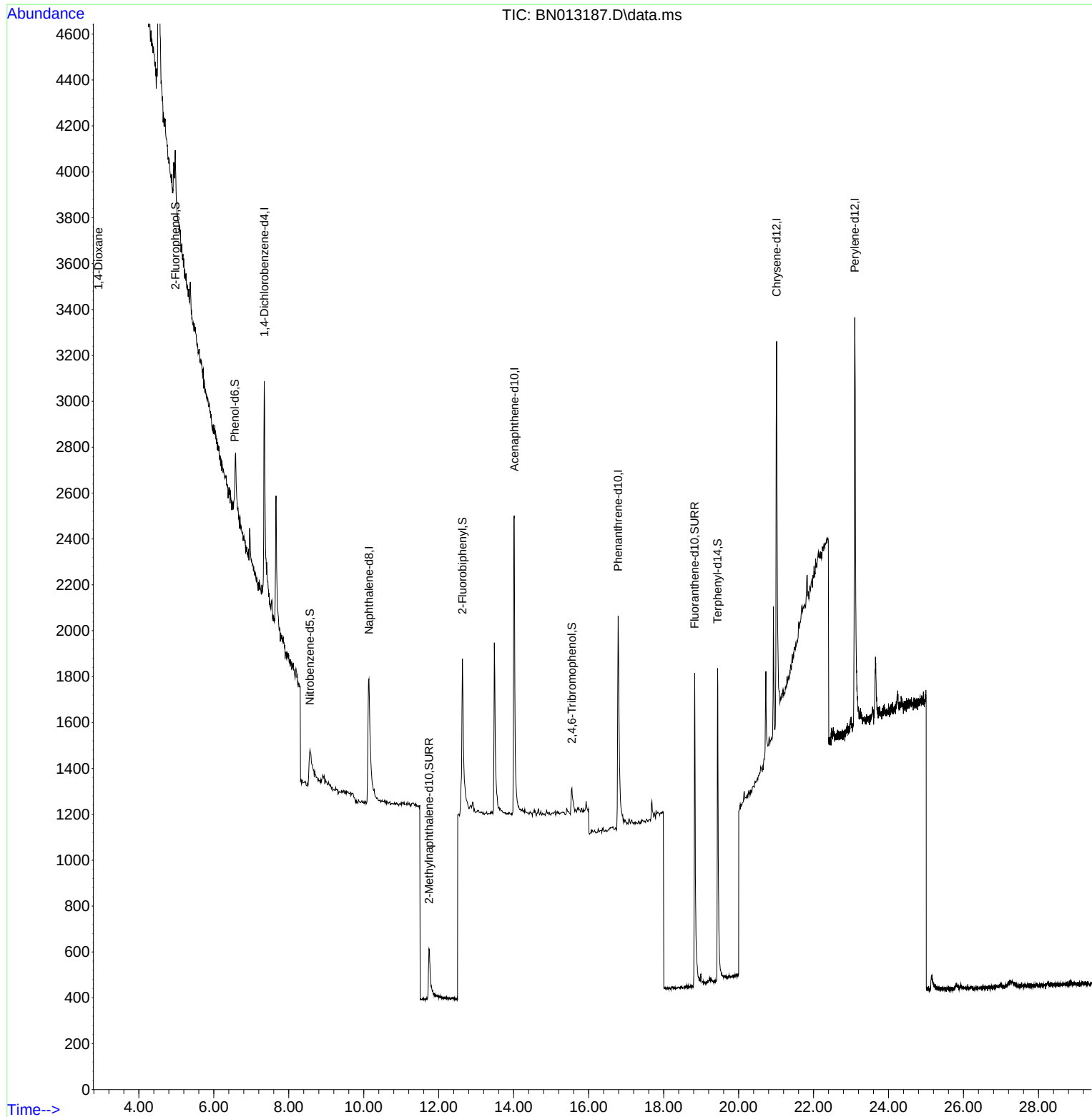
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	734	0.40	ng	# 0.00
7) Naphthalene-d8	10.137	136	1767	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1211	0.40	ng	0.01
19) Phenanthrene-d10	16.787	188	2572	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	2678	0.40	ng	# 0.00
36) Perylene-d12	23.100	264	3071	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	219	0.07	ng	0.00
5) Phenol-d6	6.557	99	104	0.03	ng	0.00
8) Nitrobenzene-d5	8.566	82	448	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	11.742	152	681	0.22	ng	0.01
14) 2,4,6-Tribromophenol	15.552	330	144	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1116	0.22	ng	0.00
27) Fluoranthene-d10	18.828	212	2452	0.29	ng	0.00
31) Terphenyl-d14	19.439	244	2156	0.32	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	5738	4.48	ng	Qvalue # 93

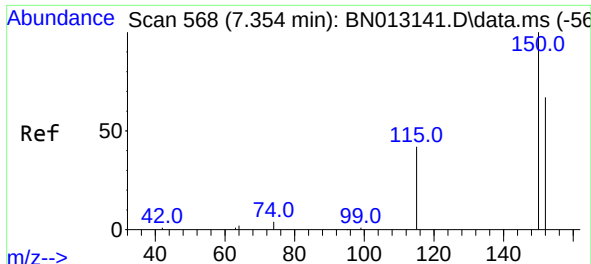
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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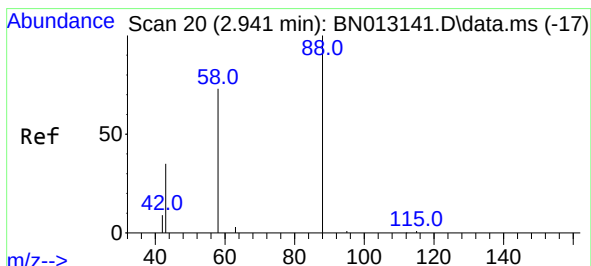
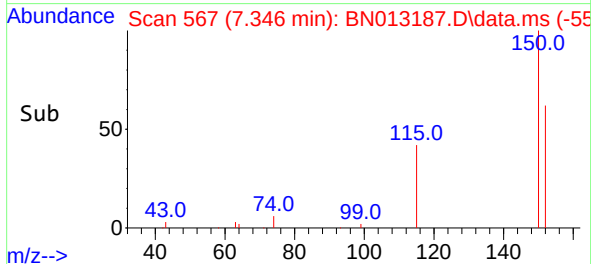
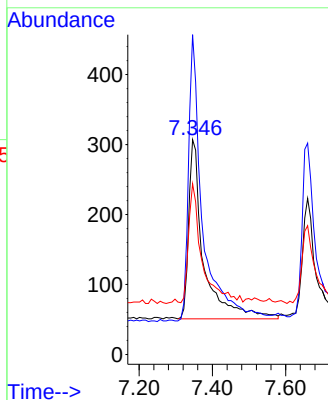
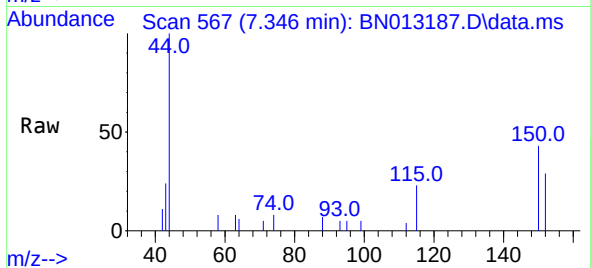


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BN013187.D
 Acq: 17 Dec 2020 15:49

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20201210

Tgt Ion: 152 Resp: 734

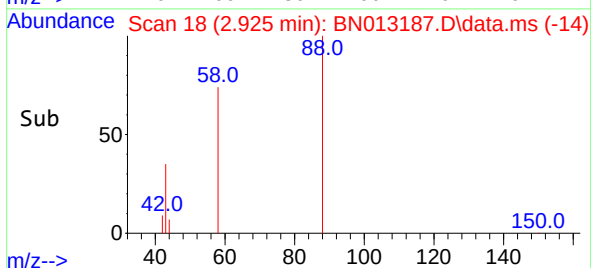
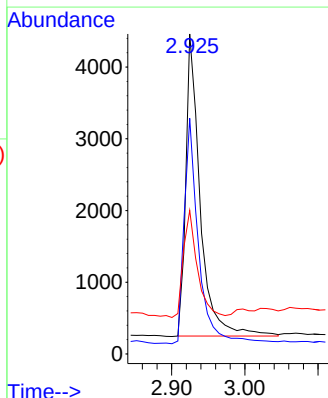
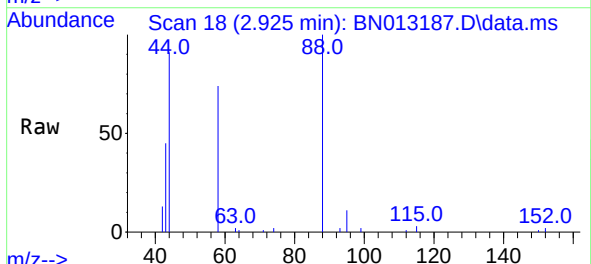
Ion	Ratio	Lower	Upper
152	100		
150	148.9	116.6	174.8
115	79.5	52.9	79.3

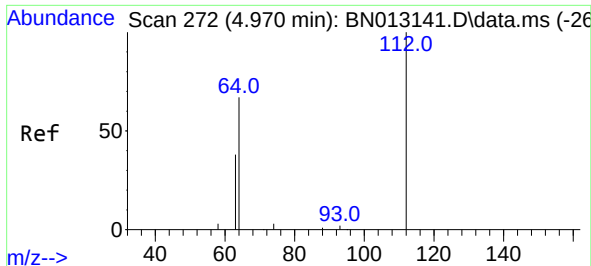


#2
 1,4-Dioxane
 Concen: 4.48 ng
 RT: 2.925 min Scan# 18
 Delta R.T. -0.016 min
 Lab File: BN013187.D
 Acq: 17 Dec 2020 15:49

Tgt Ion: 88 Resp: 5738

Ion	Ratio	Lower	Upper
88	100		
58	70.9	59.4	89.2
43	32.1	32.3	48.5

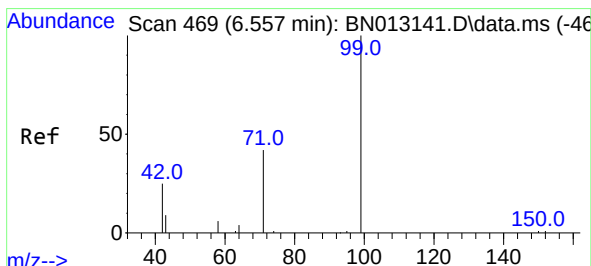
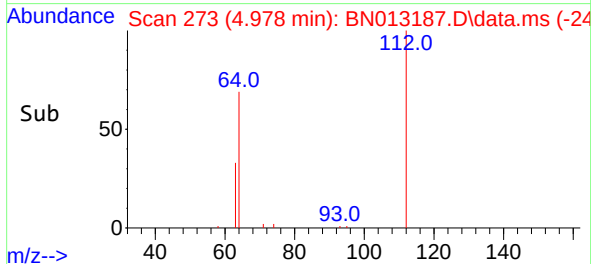
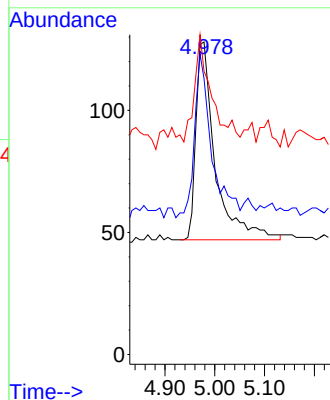
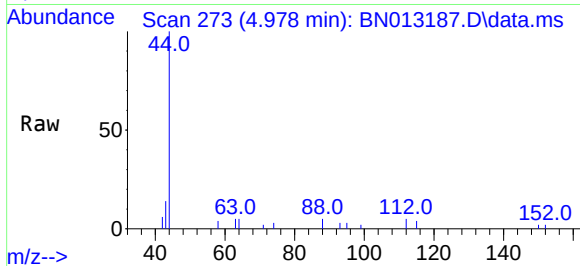




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

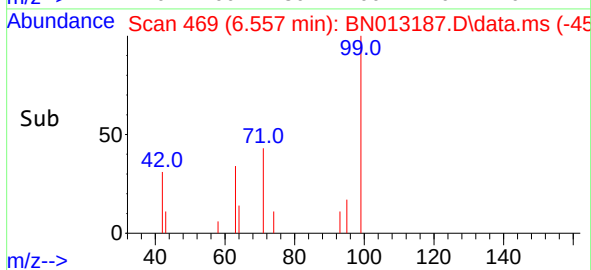
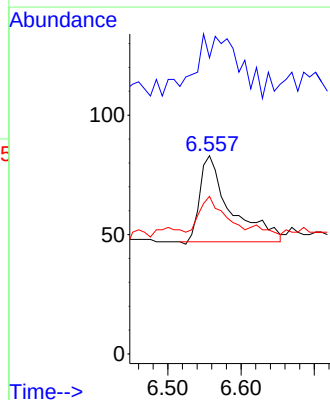
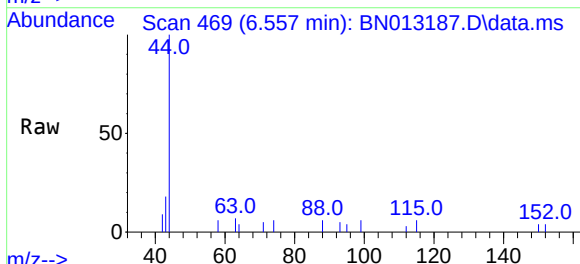
Instrument :
BNA_N
ClientSampleId :
RE125D1-20201210

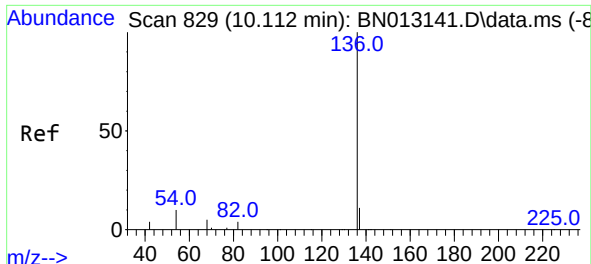
Tgt Ion:112 Resp: 219
Ion Ratio Lower Upper
112 100
64 72.6 49.5 74.3
63 48.4 32.0 48.0#



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion: 99 Resp: 104
Ion Ratio Lower Upper
99 100
42 99.0 22.4 33.6#
71 33.7 37.8 56.6#



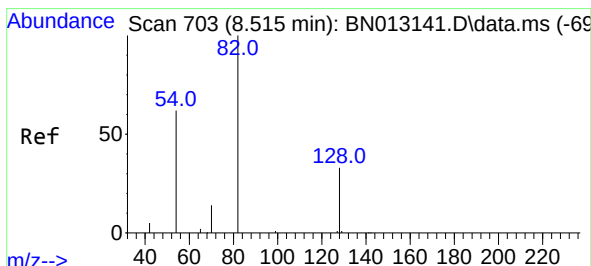
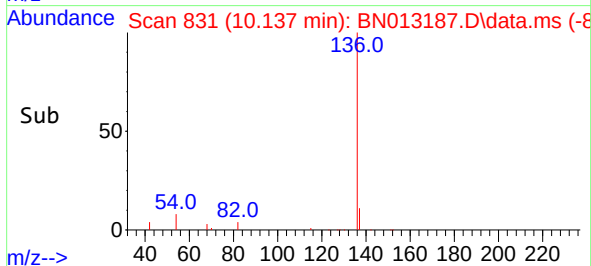
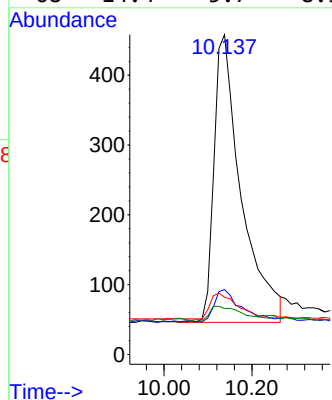
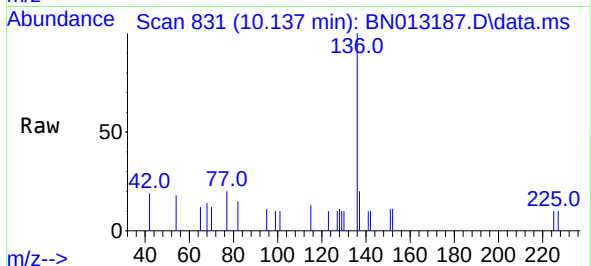


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.026 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Instrument :
BNA_N
ClientSampleId :
RE125D1-20201210

Tgt Ion: 136 Resp: 1767

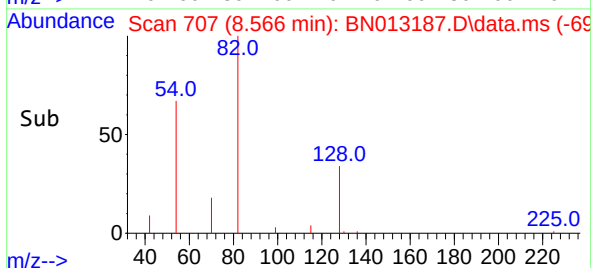
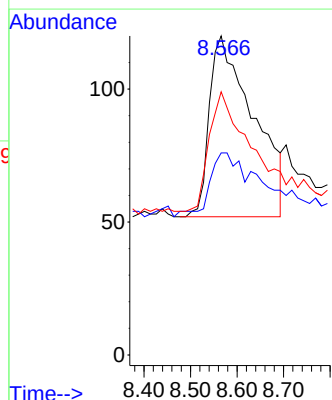
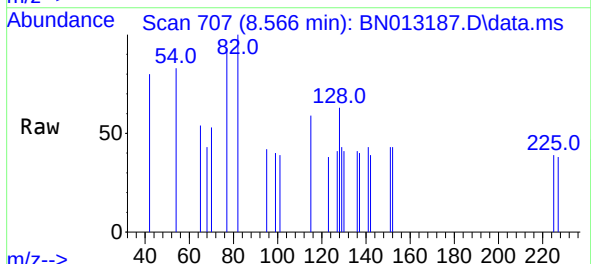
Ion	Ratio	Lower	Upper
136	100		
137	20.3	10.6	15.8#
54	17.9	8.6	12.8#
68	14.4	5.7	8.5#

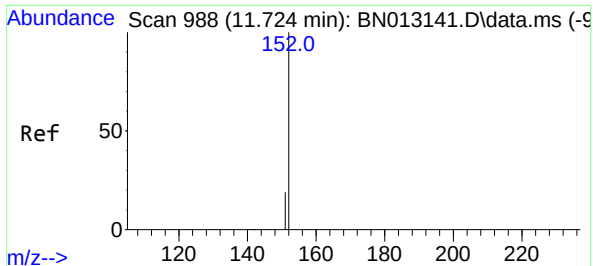


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.051 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion: 82 Resp: 448

Ion	Ratio	Lower	Upper
82	100		
128	63.3	30.6	46.0#
54	82.5	48.3	72.5#

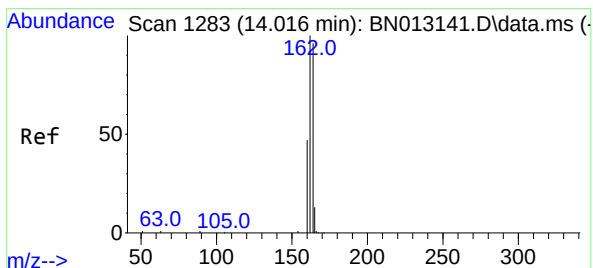
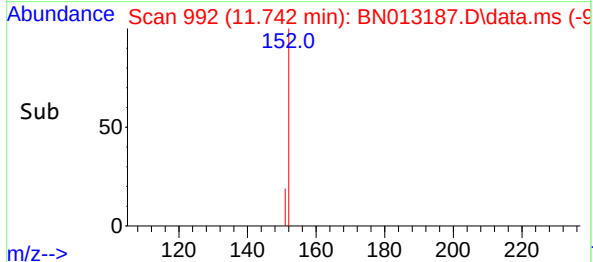
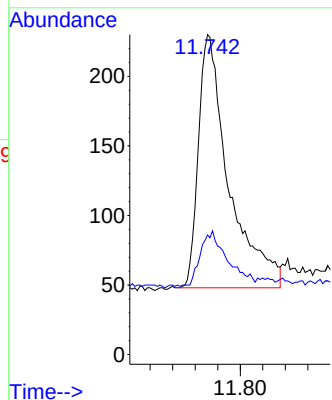
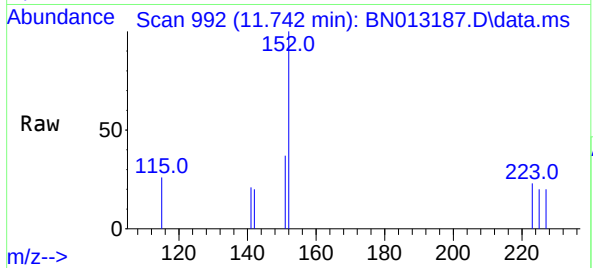




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.014 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

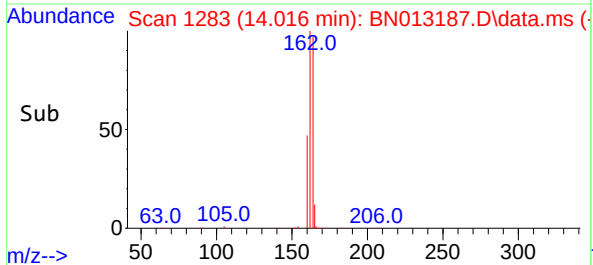
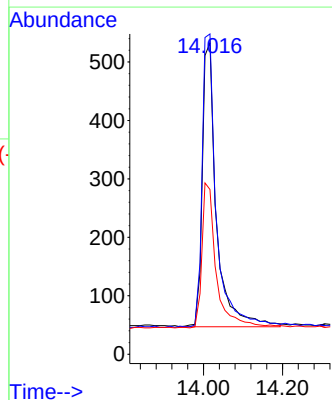
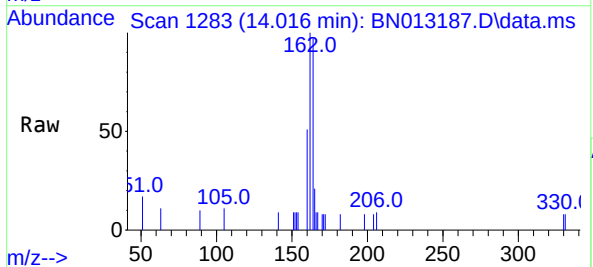
Instrument :
BNA_N
ClientSampleId :
RE125D1-20201210

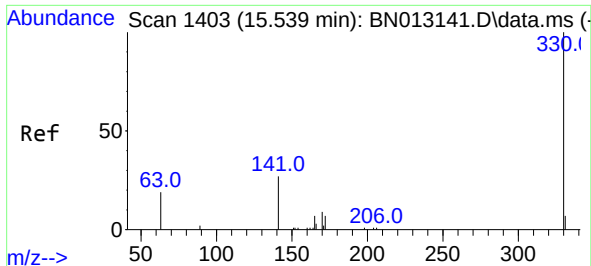
Tgt Ion:152 Resp: 681
Ion Ratio Lower Upper
152 100
151 19.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:164 Resp: 1211
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 52.9 39.5 59.3

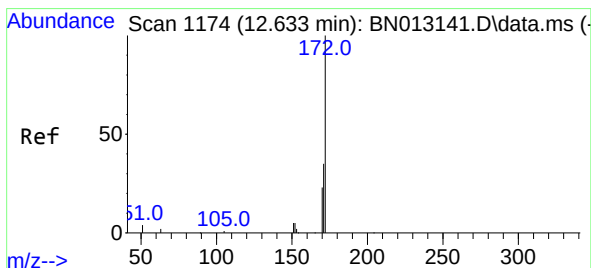
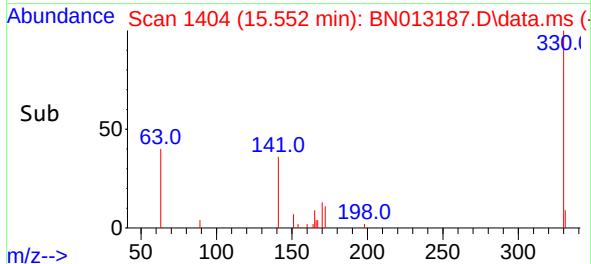
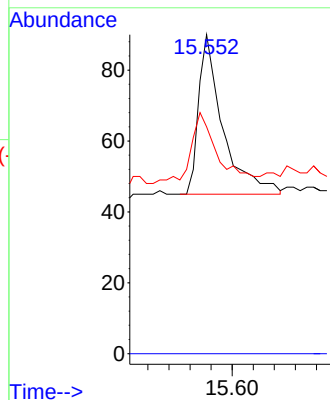
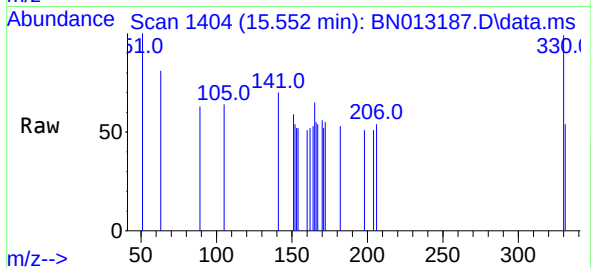




#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

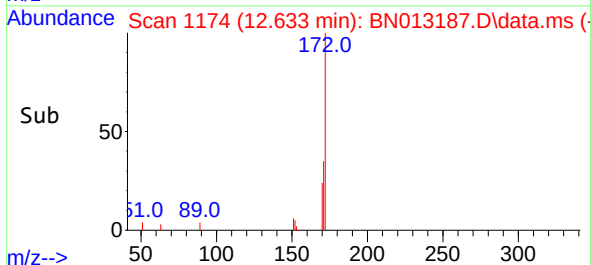
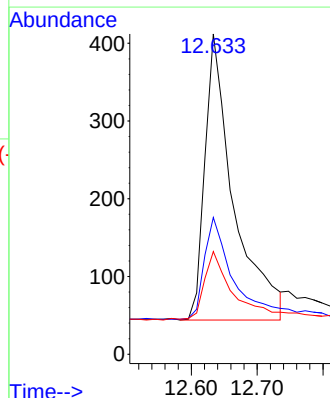
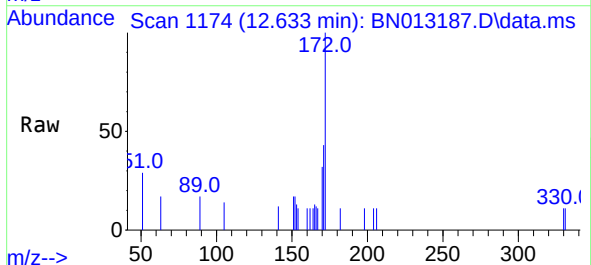
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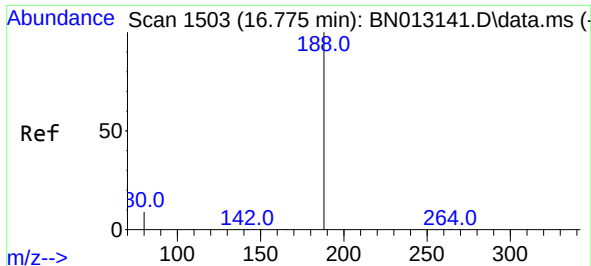
Tgt Ion:330 Resp: 144
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.0 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:172 Resp: 1116
Ion Ratio Lower Upper
172 100
171 42.7 28.2 42.4#
170 32.0 20.0 30.0#

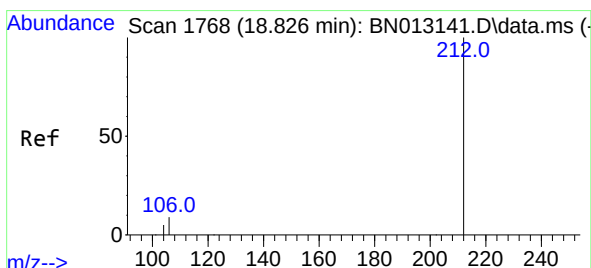
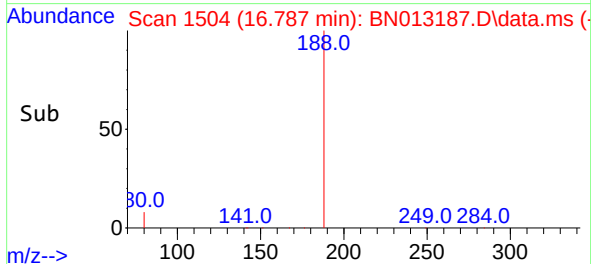
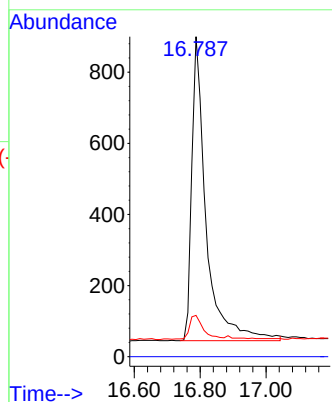
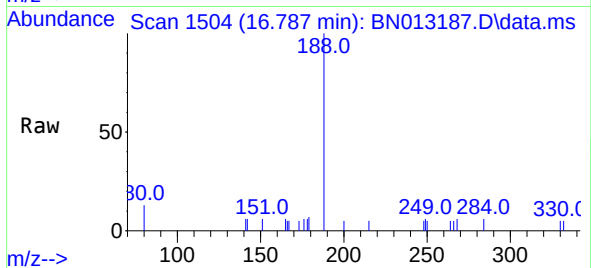




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

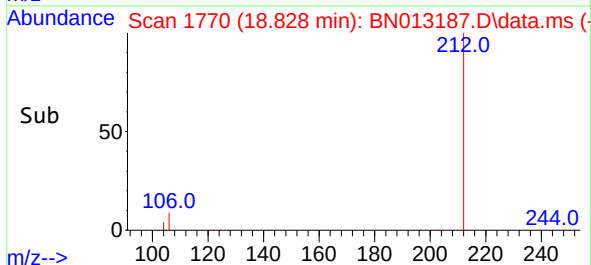
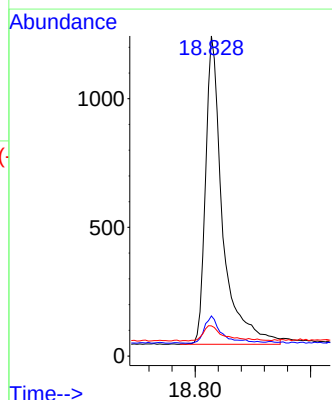
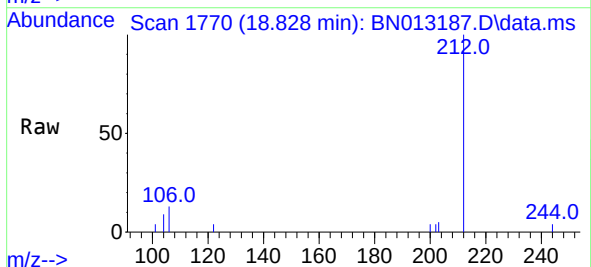
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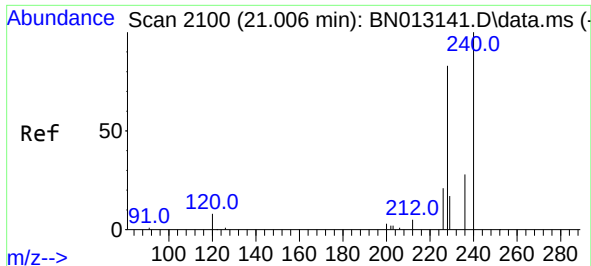
Tgt Ion:	188	Resp:	2572
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	5.0	7.4#



#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:	212	Resp:	2452
Ion	Ratio	Lower	Upper
212	100		
106	8.6	6.8	10.2
104	5.2	4.1	6.1

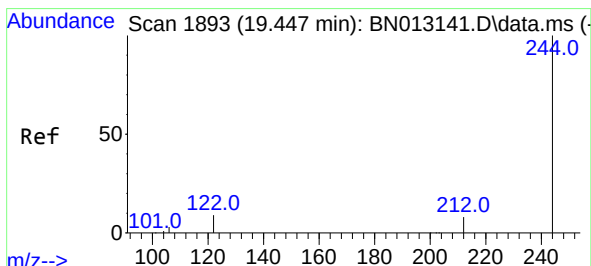
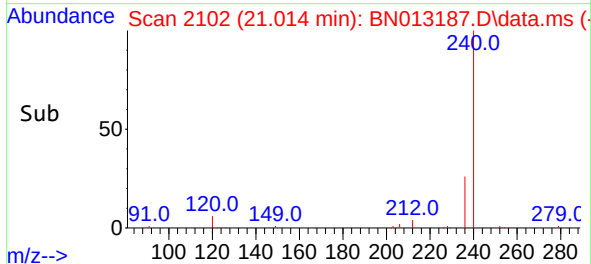
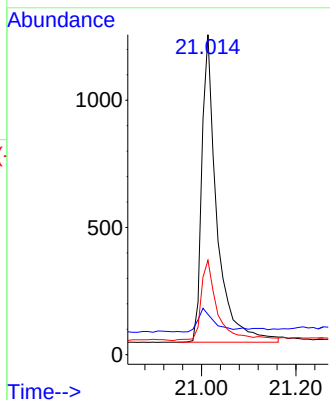
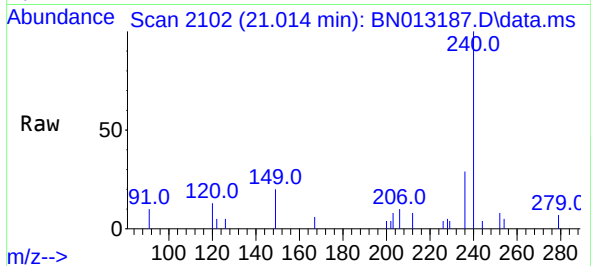




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

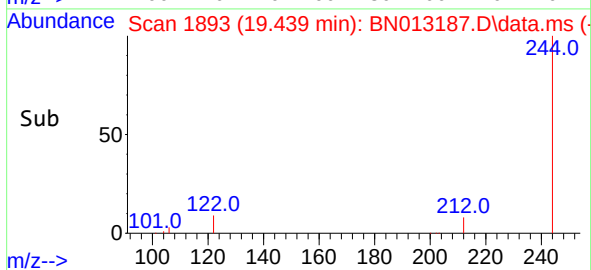
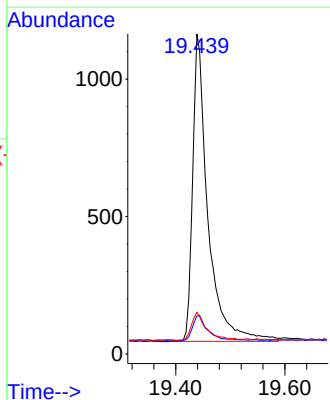
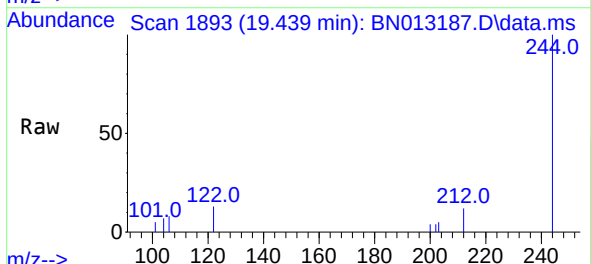
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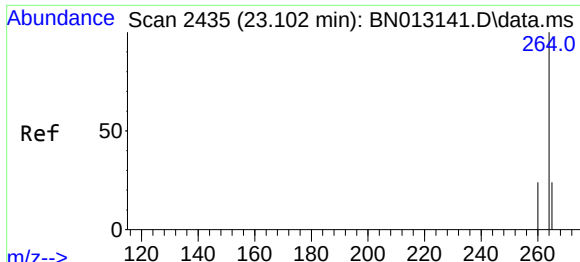
Tgt Ion:240 Resp: 2678
Ion Ratio Lower Upper
240 100
120 12.6 5.3 7.9#
236 29.5 21.8 32.8



#31
Terphenyl-d14
Concen: 0.32 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:244 Resp: 2156
Ion Ratio Lower Upper
244 100
212 11.9 7.3 10.9#
122 13.0 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.100 min Scan# 2436
 Delta R.T. 0.001 min
 Lab File: BN013187.D
 Acq: 17 Dec 2020 15:49

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20201210

Tgt Ion:264 Resp: 3071

Ion	Ratio	Lower	Upper
264	100		
260	27.0	19.8	29.6
265	91.2	51.4	77.0#

