

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013205.D
 Acq On : 18 Dec 2020 05:07
 Operator : CG/JU
 Sample : L4996-19DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20201208DL

Quant Time: Dec 18 06:01:51 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)

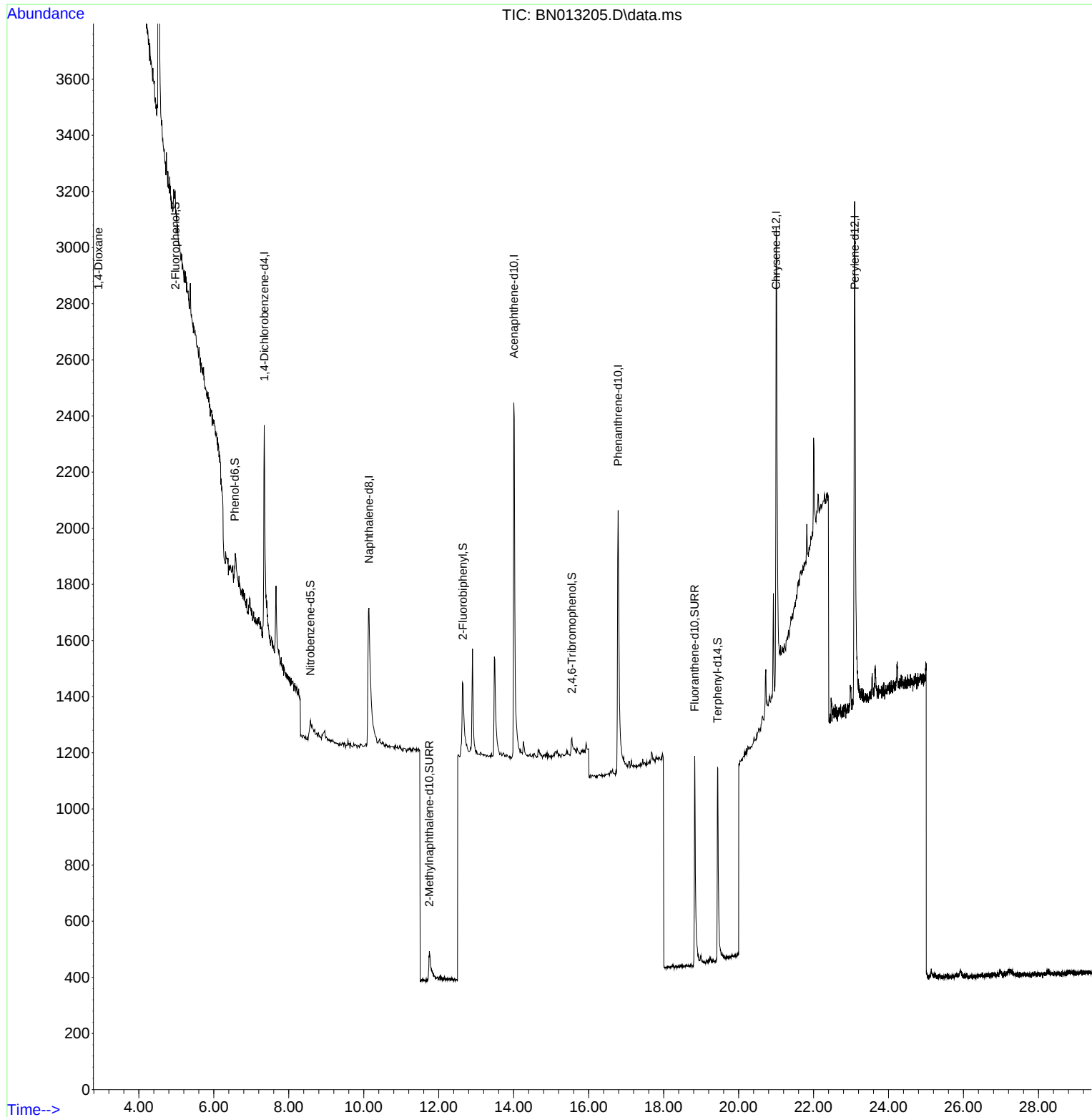
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	620	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1782	0.40	ng	# 0.03
13) Acenaphthene-d10	14.004	164	1203	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2716	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2828	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	3175	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	106	0.04	ng	0.00
5) Phenol-d6	6.557	99	52	0.02	ng	0.00
8) Nitrobenzene-d5	8.578	82	163	0.09	ng	0.06
11) 2-Methylnaphthalene-d10	11.751	152	363	0.12	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	85	0.11	ng	0.01
15) 2-Fluorobiphenyl	12.646	172	538	0.11	ng	0.01
27) Fluoranthene-d10	18.828	212	1479	0.17	ng	0.00
31) Terphenyl-d14	19.439	244	1247	0.17	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	3733	3.45	ng	Qvalue 94

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

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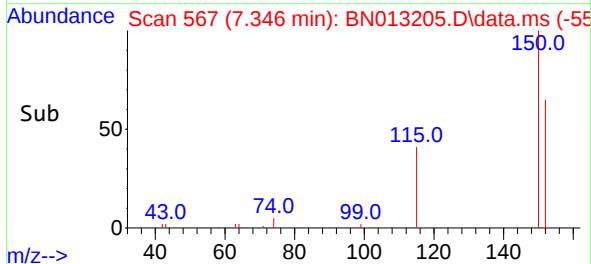
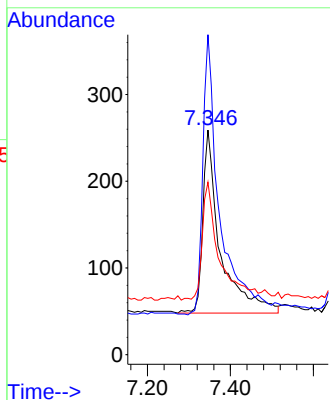
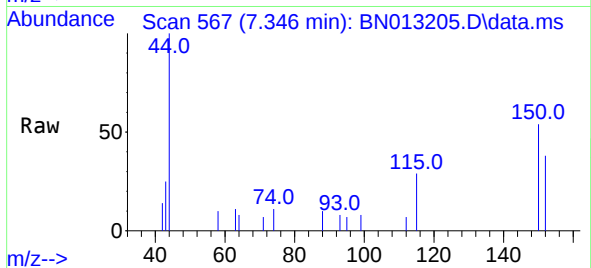


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208DL

Tgt Ion:152 Resp: 620

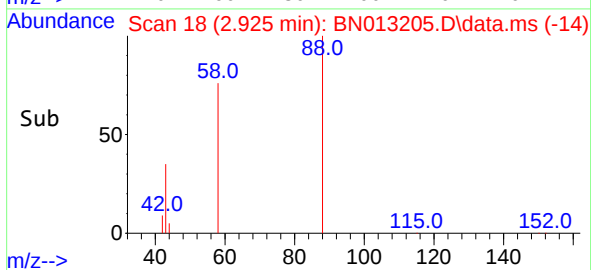
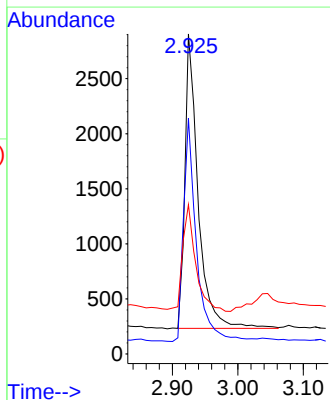
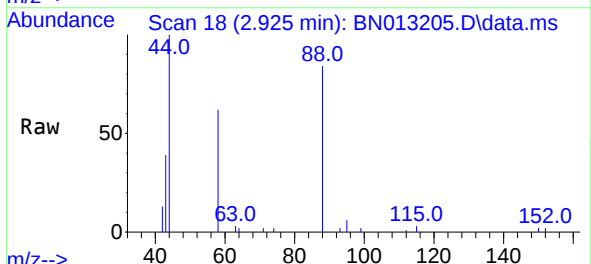
Ion	Ratio	Lower	Upper
152	100		
150	142.5	116.6	174.8
115	76.8	52.9	79.3



#2
1,4-Dioxane
Concen: 3.45 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion: 88 Resp: 3733

Ion	Ratio	Lower	Upper
88	100		
58	69.9	59.4	89.2
43	34.9	32.3	48.5

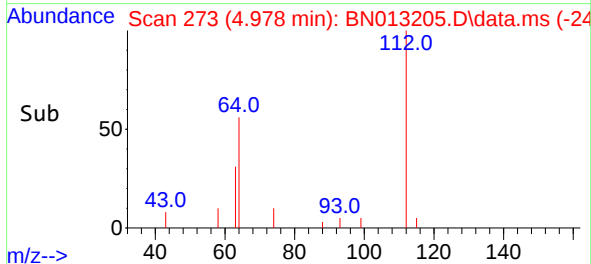
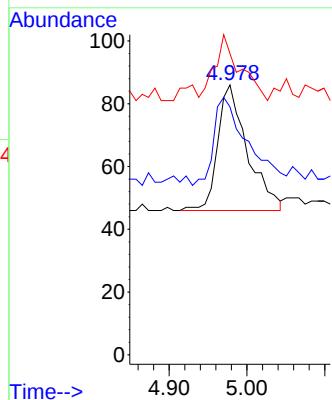
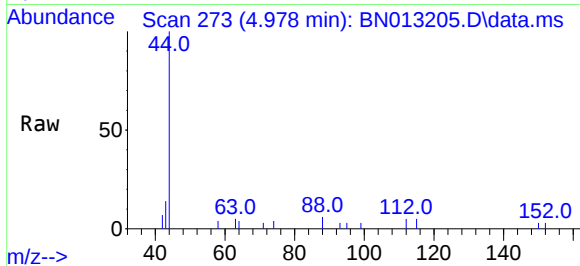




#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

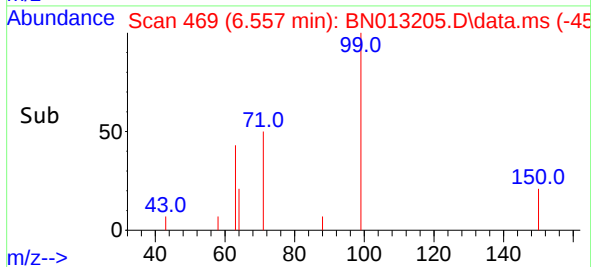
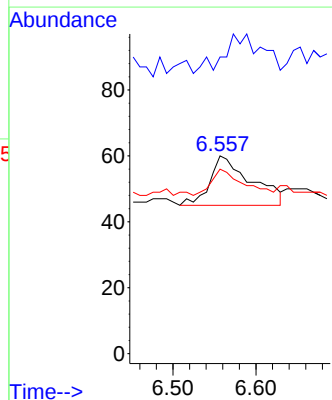
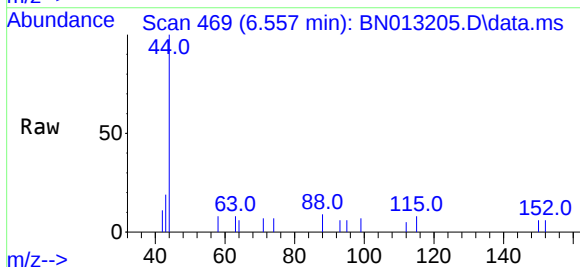
Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208DL

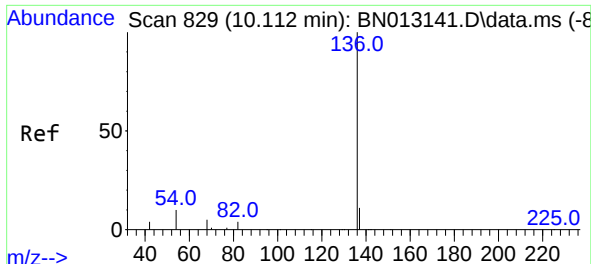
Tgt Ion:112 Resp: 106
Ion Ratio Lower Upper
112 100
64 80.2 49.5 74.3#
63 44.3 32.0 48.0



#5
Phenol-d6
Concen: 0.02 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion: 99 Resp: 52
Ion Ratio Lower Upper
99 100
42 7.7 22.4 33.6#
71 40.4 37.8 56.6

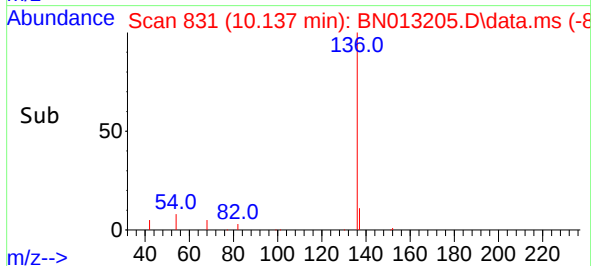
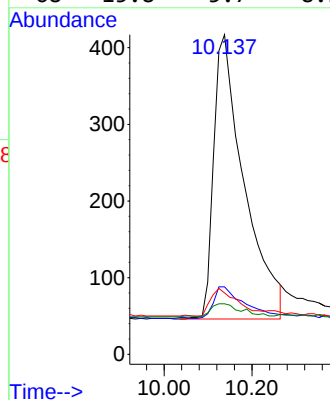
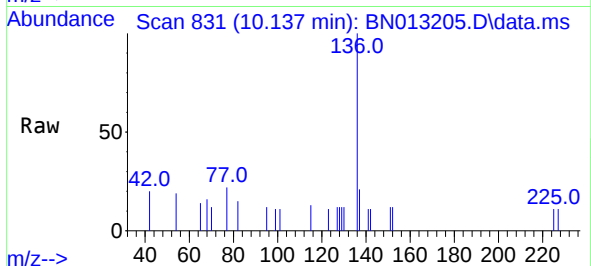




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

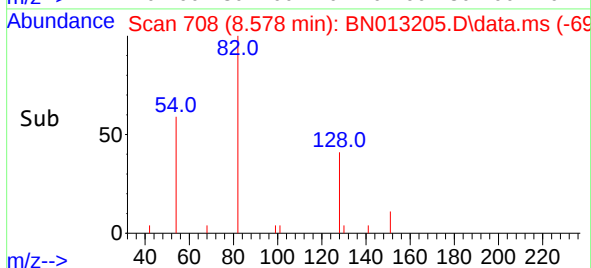
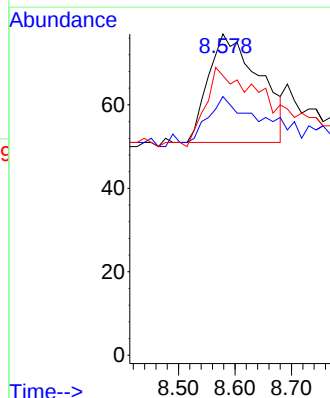
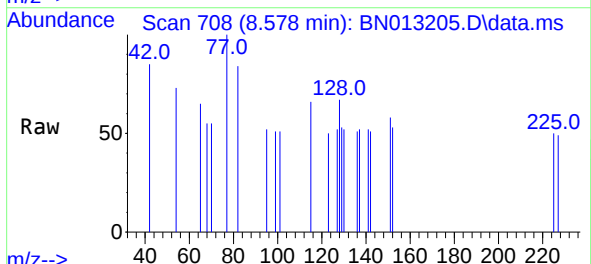
Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208DL

Tgt Ion:	136	Resp:	1782
Ion	Ratio	Lower	Upper
136	100		
137	21.1	10.6	15.8#
54	19.2	8.6	12.8#
68	15.8	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.578 min Scan# 708
Delta R.T. 0.063 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:	82	Resp:	163
Ion	Ratio	Lower	Upper
82	100		
128	80.5	30.6	46.0#
54	87.0	48.3	72.5#

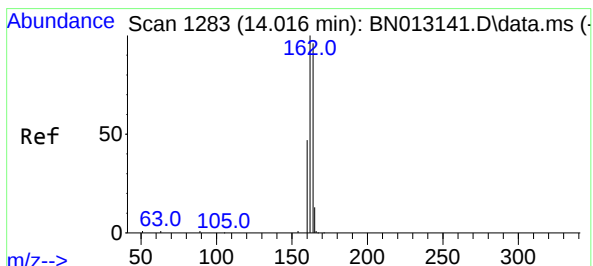
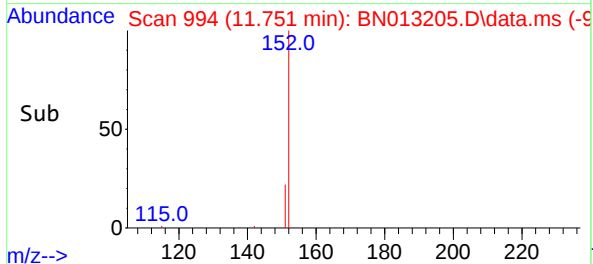
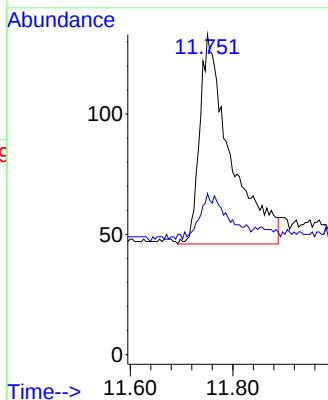
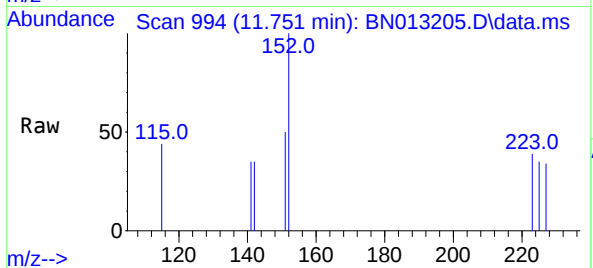




#11
2-Methylnaphthalene-d10
Concen: 0.12 ng
RT: 11.751 min Scan# 994
Delta R.T. 0.022 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

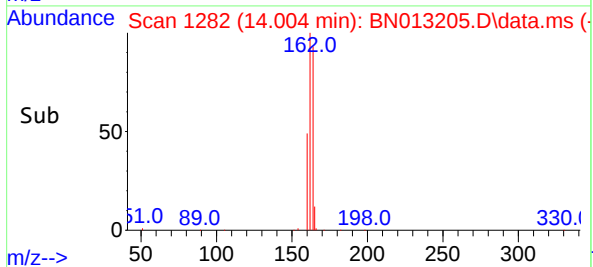
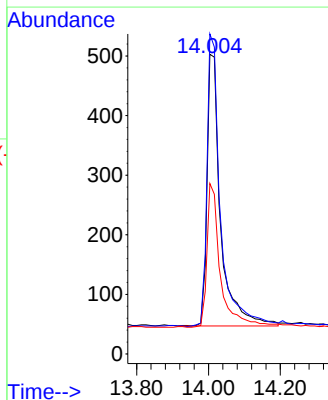
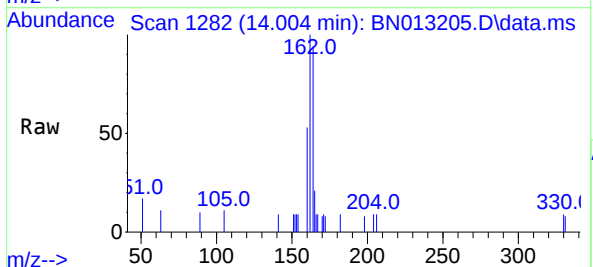
Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208DL

Tgt Ion:152 Resp: 363
Ion Ratio Lower Upper
152 100
151 8.5 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:164 Resp: 1203
Ion Ratio Lower Upper
164 100
162 106.8 80.6 120.8
160 56.9 39.5 59.3

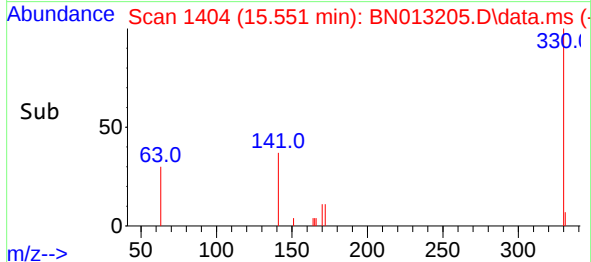
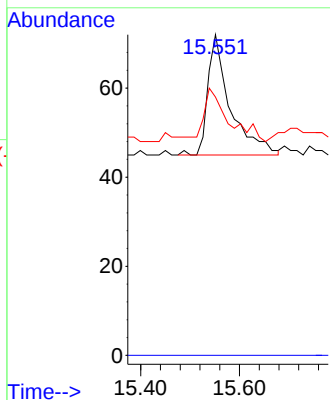
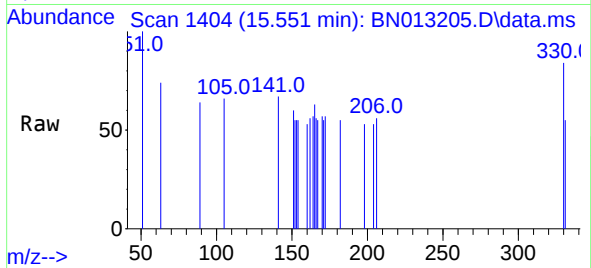




#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

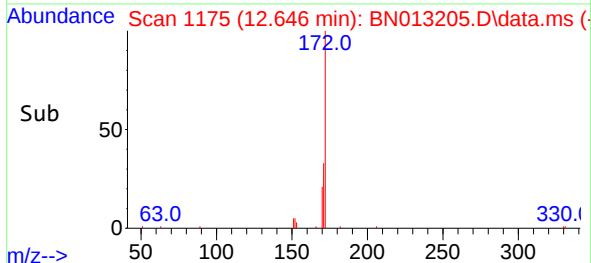
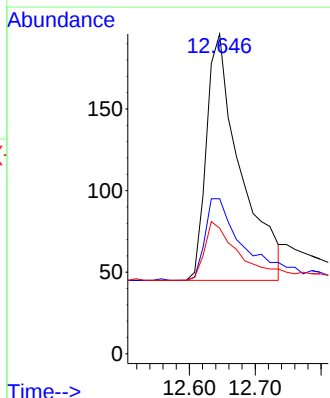
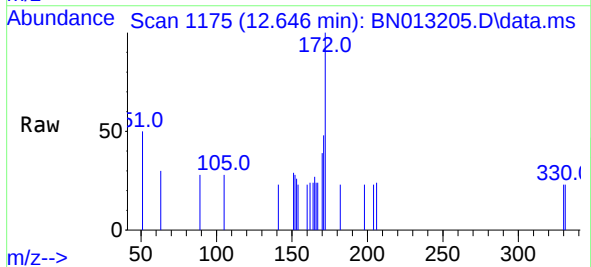
Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208DL

Tgt Ion:330 Resp: 85
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.1 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:172 Resp: 538
Ion Ratio Lower Upper
172 100
171 48.5 28.2 42.4#
170 39.3 20.0 30.0#

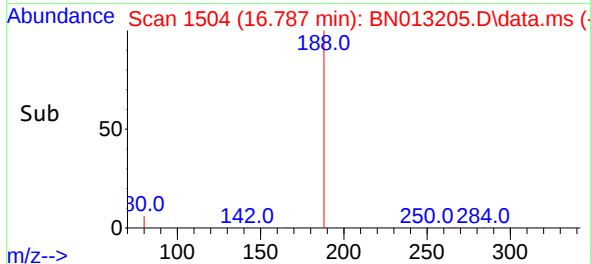
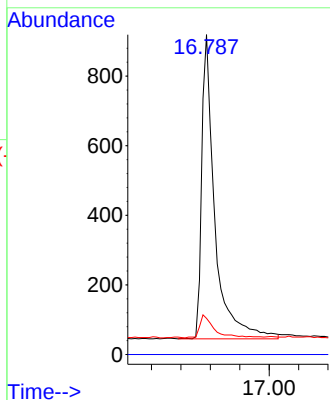
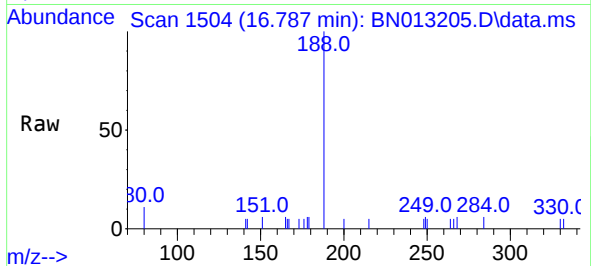




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

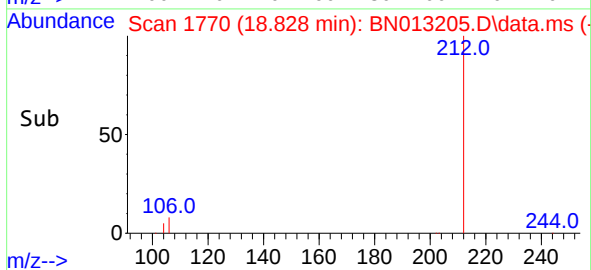
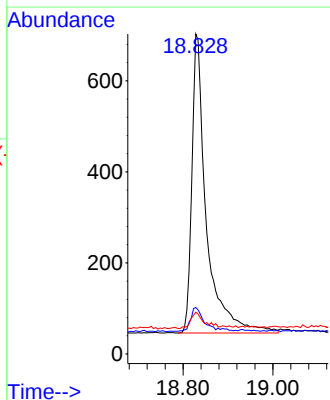
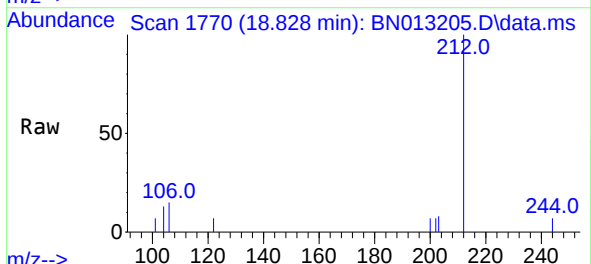
Instrument :
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RE134D3-20201208DL

Tgt Ion:188	Resp:	2716
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.3	5.0



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:212	Resp:	1479
Ion Ratio	Lower	Upper
212	100	
106	6.9	6.8
104	4.3	4.1

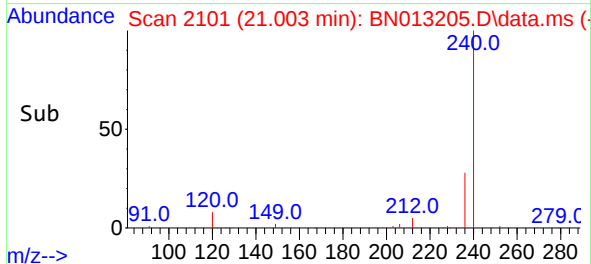
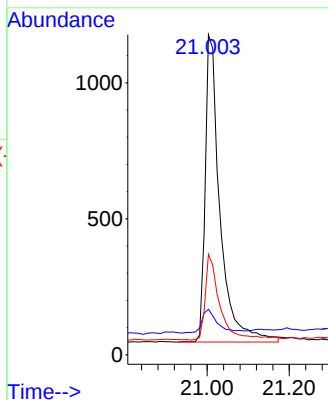
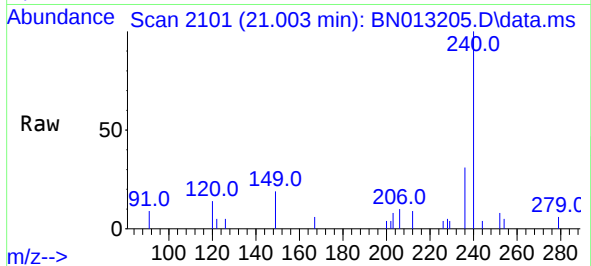




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

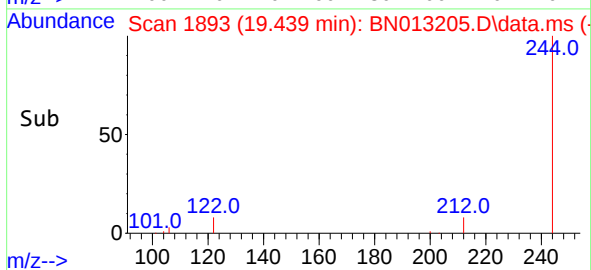
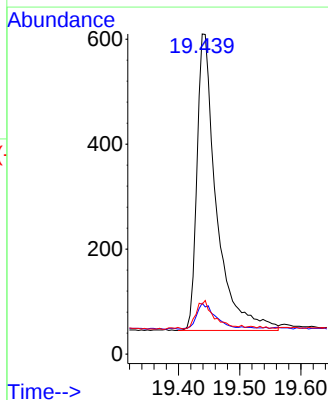
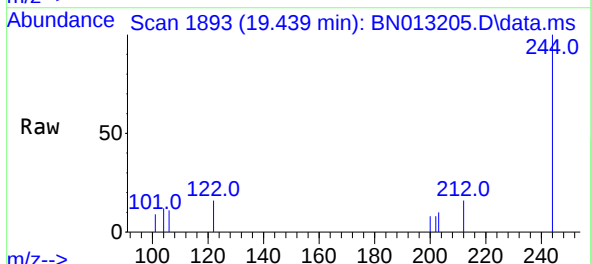
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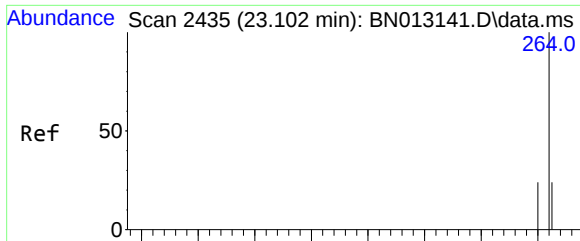
Tgt Ion:240 Resp: 2828
Ion Ratio Lower Upper
240 100
120 14.2 5.3 7.9#
236 31.4 21.8 32.8



#31
Terphenyl-d14
Concen: 0.17 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:244 Resp: 1247
Ion Ratio Lower Upper
244 100
212 15.9 7.3 10.9#
122 15.6 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.096 min Scan# 2435
 Delta R.T. -0.003 min
 Lab File: BN013205.D
 Acq: 18 Dec 2020 05:07

Instrument :
 BNA_N
ClientSampleId :
 RE134D3-20201208DL

Tgt Ion:264 Resp: 3175

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.8	29.6
265	79.8	51.4	77.0#

