

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013160.D
 Acq On : 16 Dec 2020 09:31
 Operator : CG/JU
 Sample : L4996-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20201208

Quant Time: Dec 16 10:11:32 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)

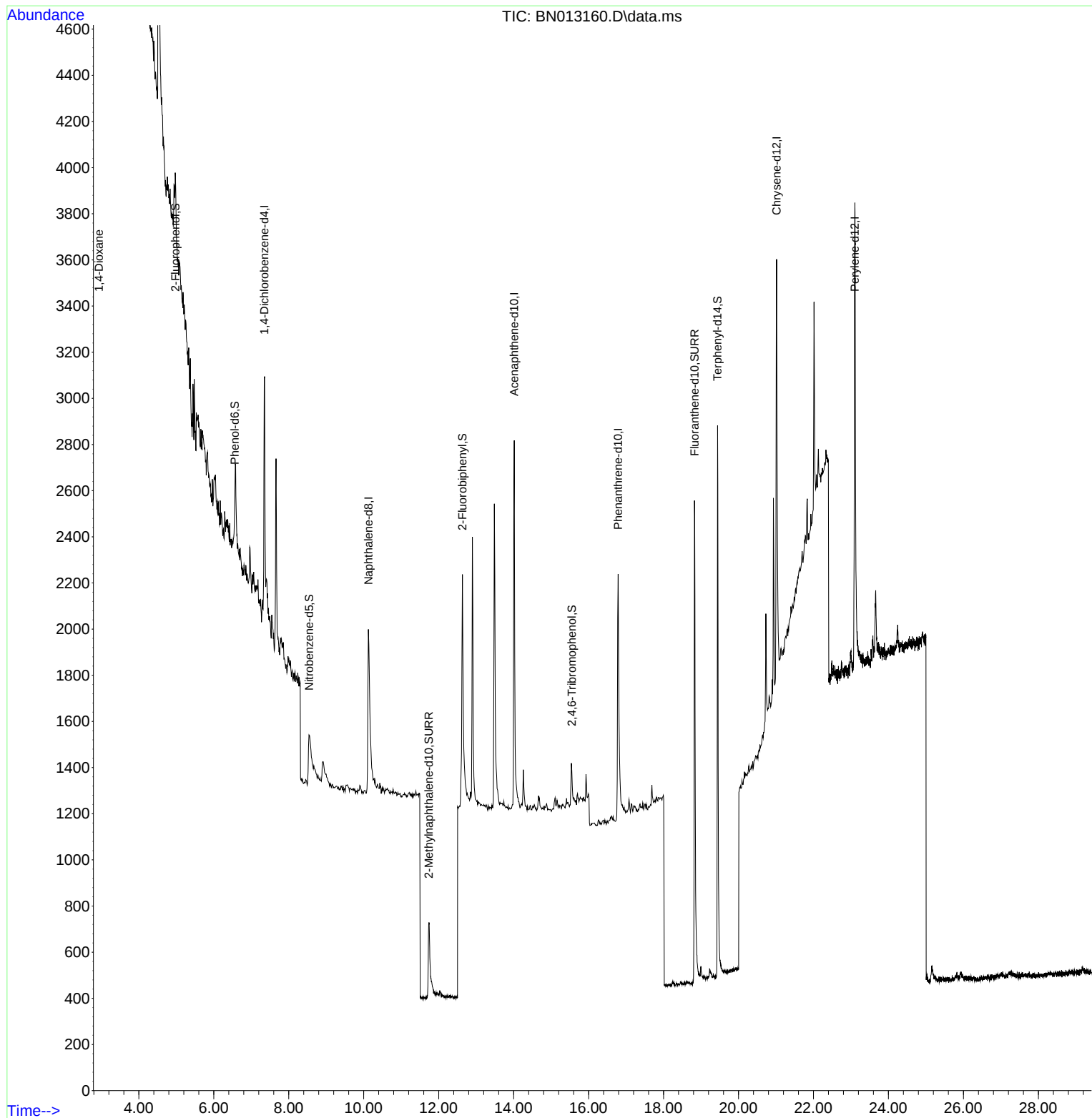
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	648	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1986	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1242	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2667	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2889	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3269	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	297	0.11	ng	0.00
5) Phenol-d6	6.557	99	160	0.06	ng	0.00
8) Nitrobenzene-d5	8.540	82	579	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	11.737	152	968	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.551	330	214	0.27	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1511	0.29	ng	0.00
27) Fluoranthene-d10	18.826	212	3649	0.42	ng	0.00
31) Terphenyl-d14	19.441	244	3209	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.933	88	8907	7.88	ng	Qvalue # 94

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

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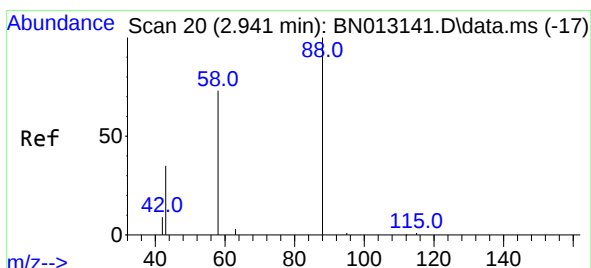
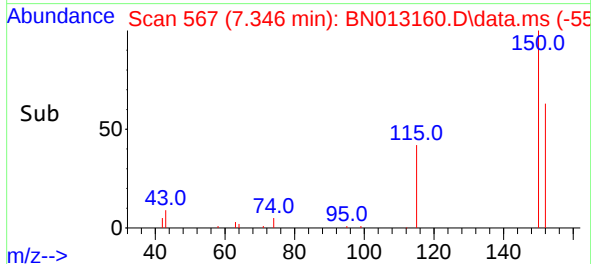
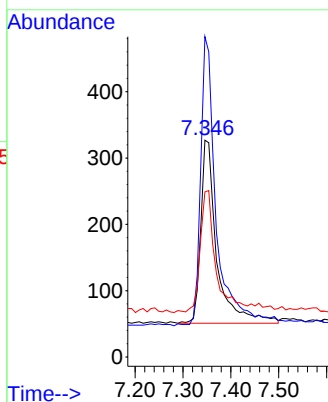
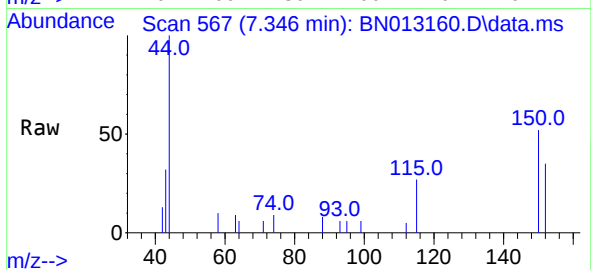


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. -0.008 min
 Lab File: BN013160.D
 Acq: 16 Dec 2020 09:31

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20201208

Tgt Ion:152 Resp: 648

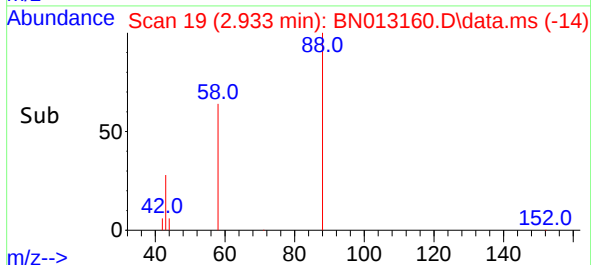
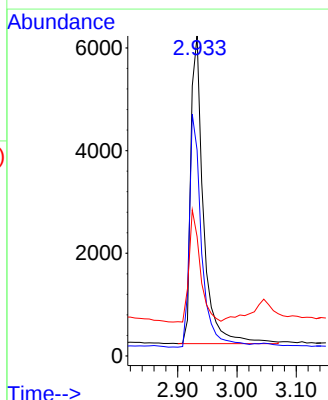
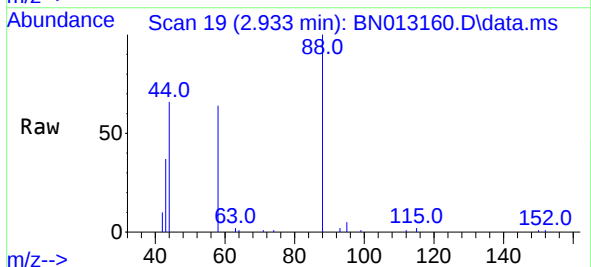
Ion	Ratio	Lower	Upper
152	100		
150	147.7	116.6	174.8
115	76.1	52.9	79.3



#2
 1,4-Dioxane
 Concen: 7.88 ng
 RT: 2.933 min Scan# 19
 Delta R.T. -0.008 min
 Lab File: BN013160.D
 Acq: 16 Dec 2020 09:31

Tgt Ion: 88 Resp: 8907

Ion	Ratio	Lower	Upper
88	100		
58	73.1	59.4	89.2
43	31.7	32.3	48.5



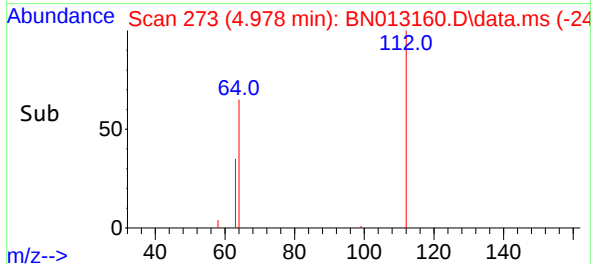
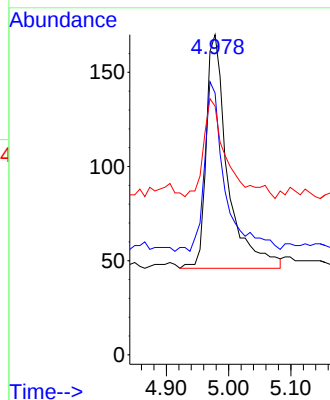
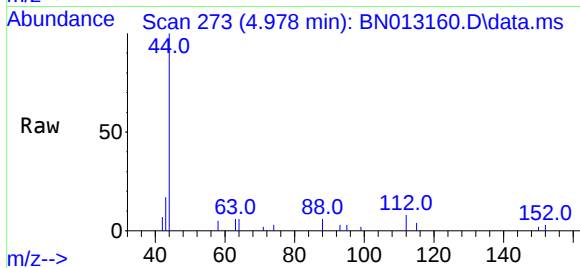


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208

Tgt Ion: 112 Resp: 297

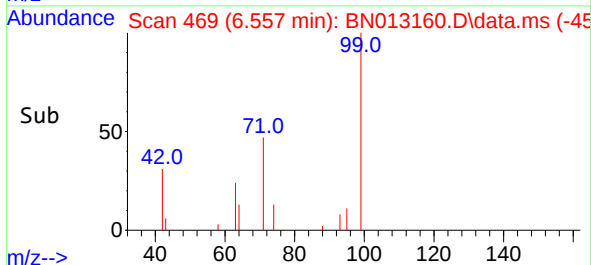
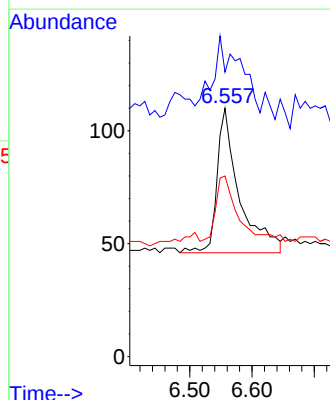
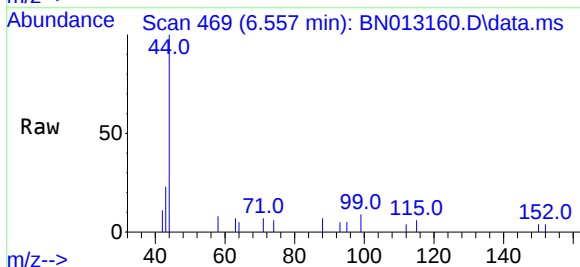
Ion	Ratio	Lower	Upper
112	100		
64	69.4	49.5	74.3
63	46.1	32.0	48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.557 min Scan# 469
Delta R.T. -0.000 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

Tgt Ion: 99 Resp: 160

Ion	Ratio	Lower	Upper
99	100		
42	63.1	22.4	33.6#
71	44.4	37.8	56.6



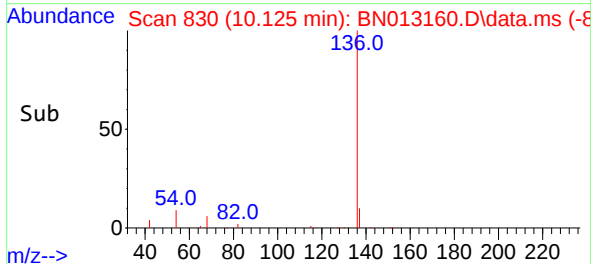
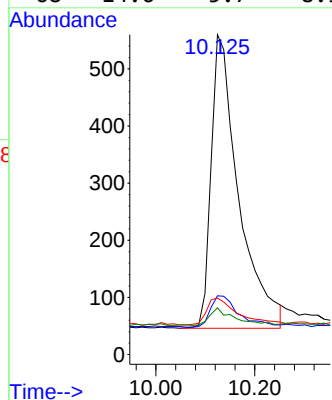
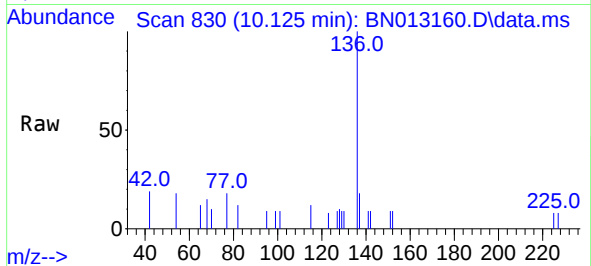


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.012 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208

Tgt Ion: 136 Resp: 1986

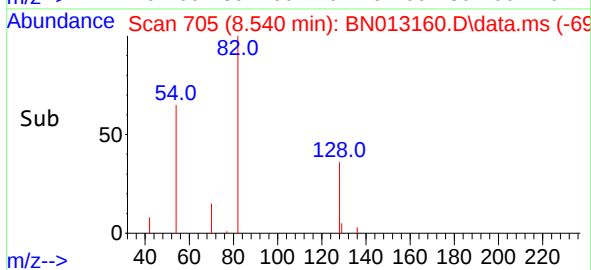
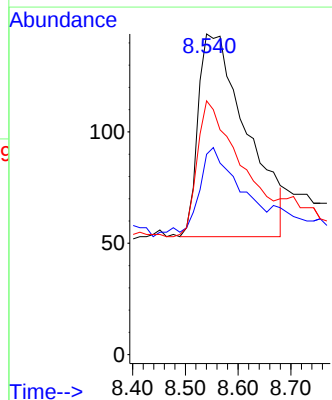
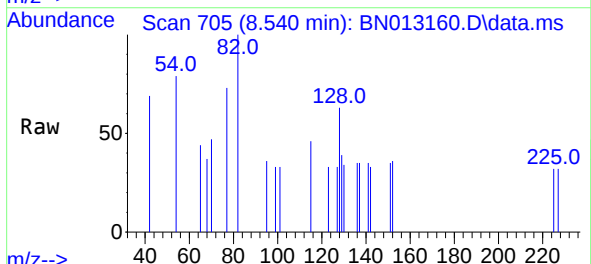
Ion	Ratio	Lower	Upper
136	100		
137	18.4	10.6	15.8#
54	17.7	8.6	12.8#
68	14.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

Tgt Ion: 82 Resp: 579

Ion	Ratio	Lower	Upper
82	100		
128	62.5	30.6	46.0#
54	79.2	48.3	72.5#

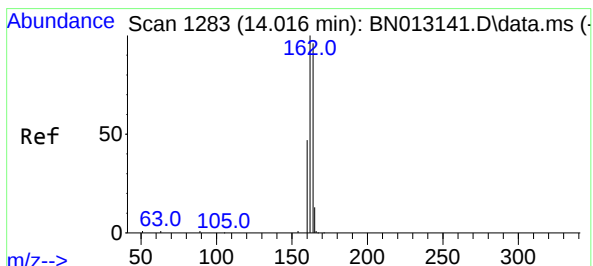
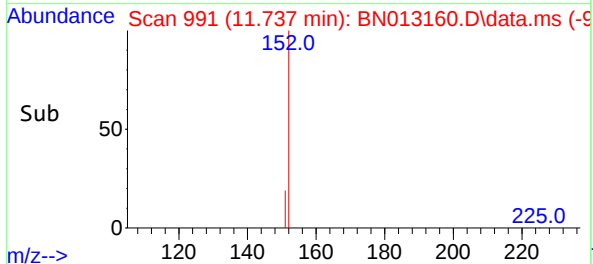
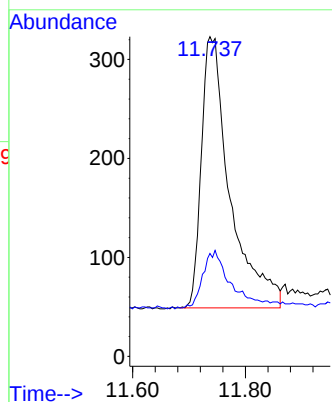
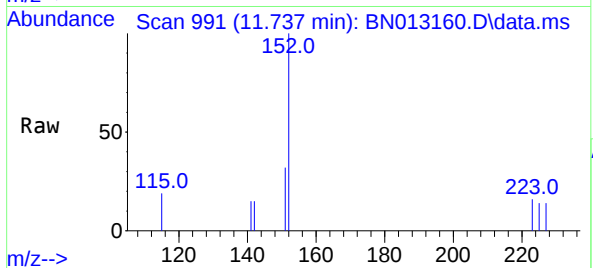




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.013 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

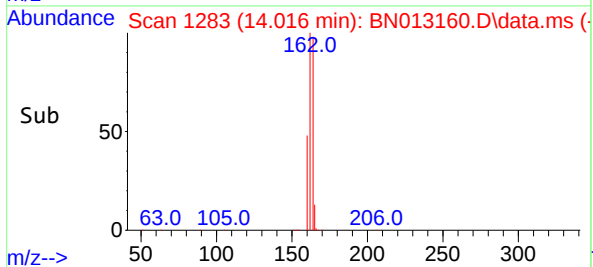
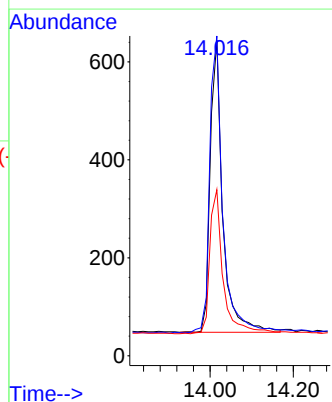
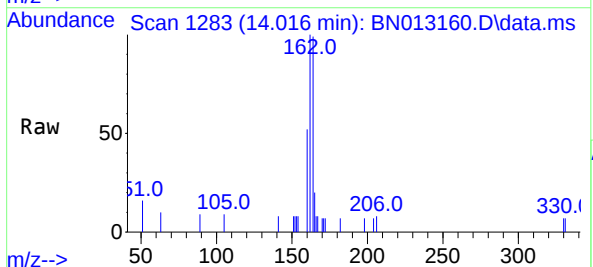
Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208

Tgt Ion:152 Resp: 968
Ion Ratio Lower Upper
152 100
151 20.9 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: BN013160.D
Acq: 16 Dec 2020 09:31

Tgt Ion:164 Resp: 1242
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 52.6 39.5 59.3

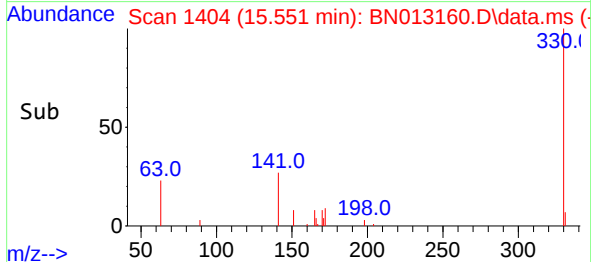
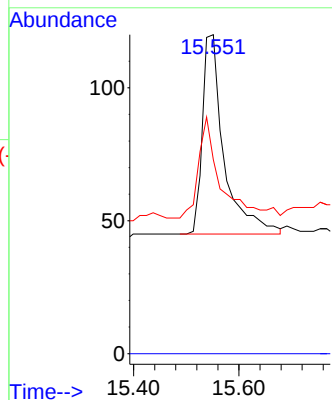
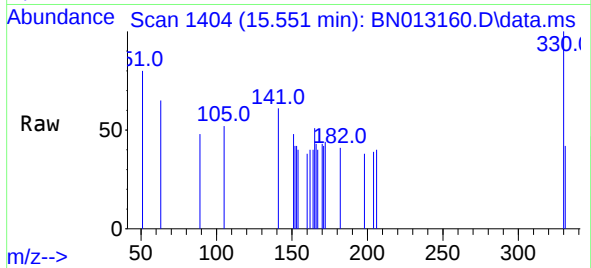




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

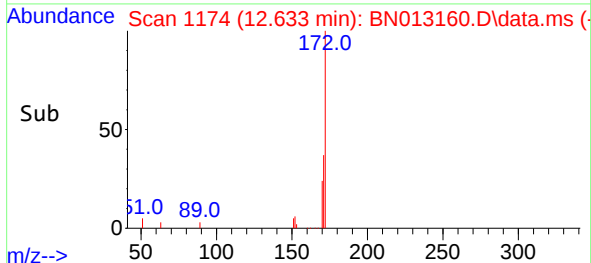
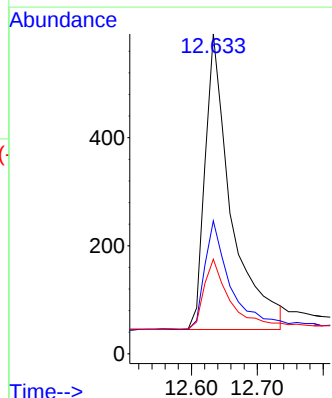
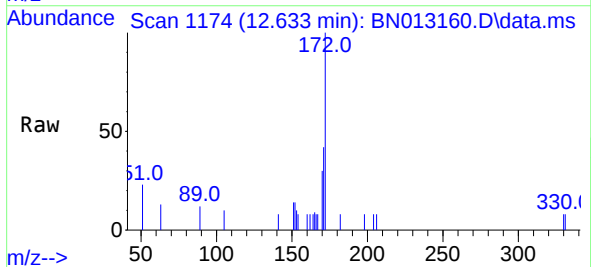
Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208

Tgt Ion:330 Resp: 214
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.9 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

Tgt Ion:172 Resp: 1511
Ion Ratio Lower Upper
172 100
171 41.6 28.2 42.4
170 29.6 20.0 30.0

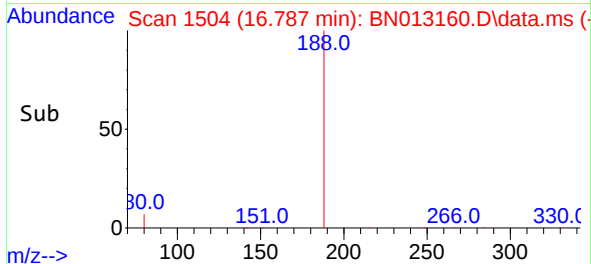
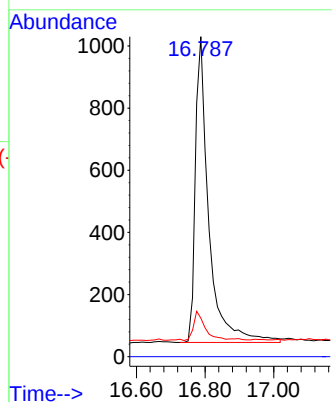
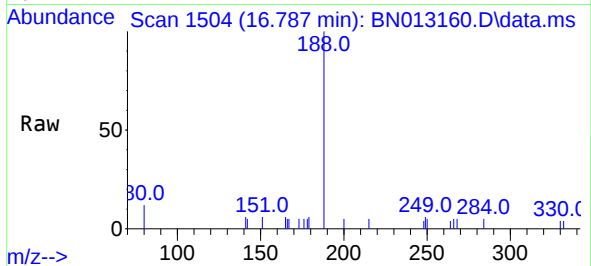




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

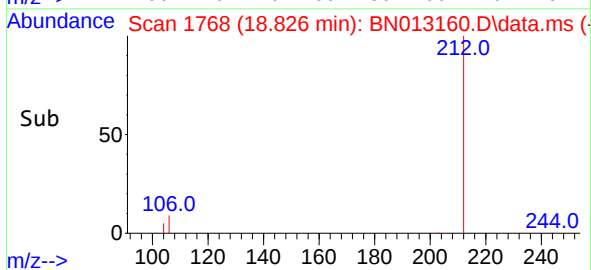
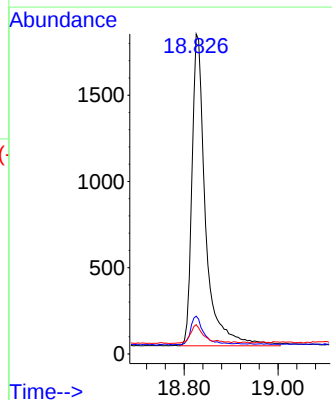
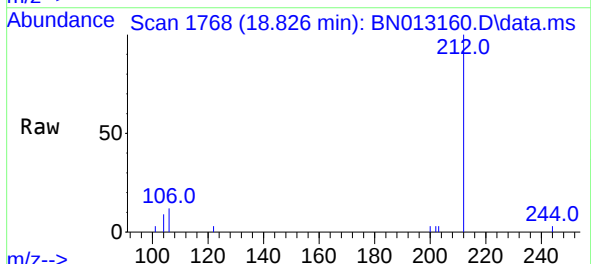
Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208

Tgt Ion:188	Resp:	2667
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.0	5.0



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 18.826 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

Tgt Ion:212	Resp:	3649
Ion Ratio	Lower	Upper
212	100	
106	8.9	6.8
104	5.4	4.1

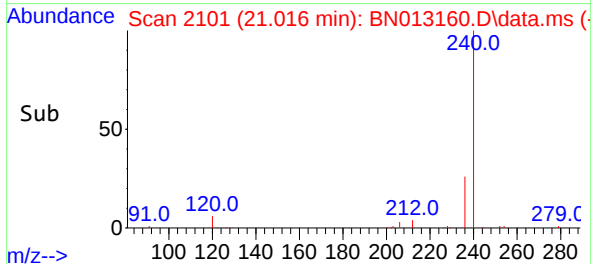
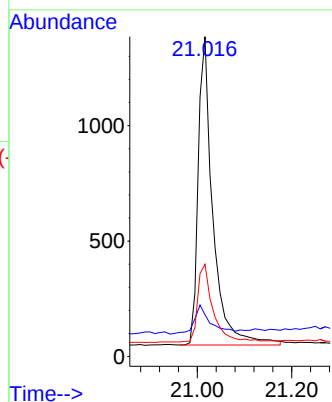
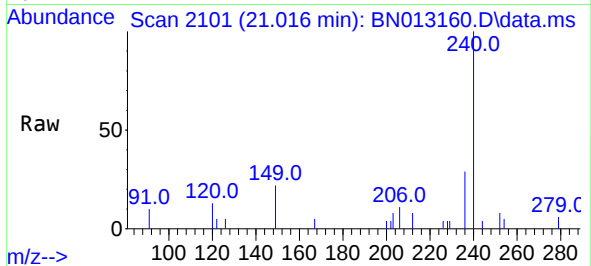




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

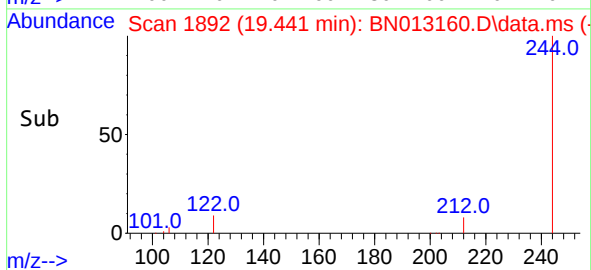
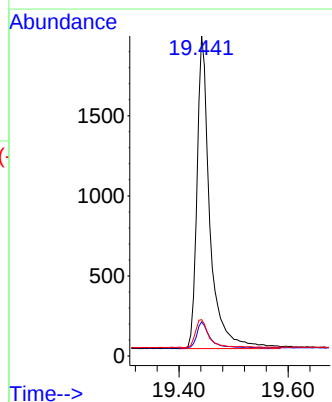
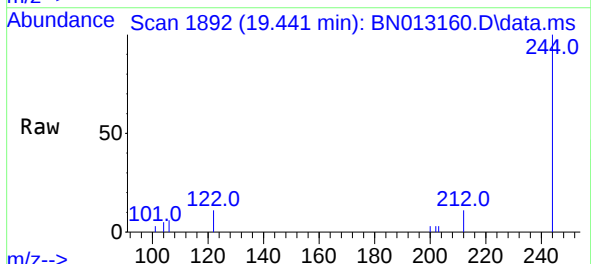
Instrument :
BNA_N
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RE134D3-20201208

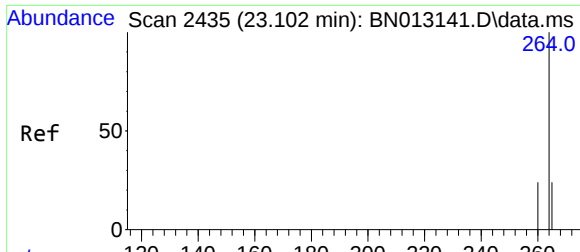
Tgt Ion:240 Resp: 2889
Ion Ratio Lower Upper
240 100
120 13.1 5.3 7.9#
236 28.9 21.8 32.8



#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

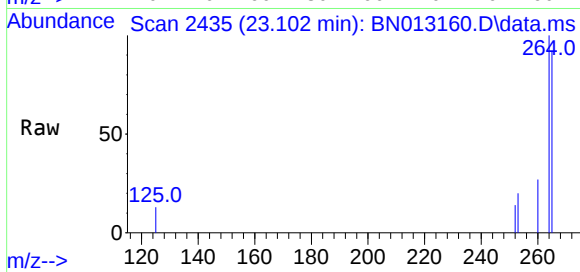
Tgt Ion:244 Resp: 3209
Ion Ratio Lower Upper
244 100
212 10.7 7.3 10.9
122 11.4 7.3 10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN013160.D
Acq: 16 Dec 2020 09:31

Instrument :
BNA_N
ClientSampleId :
RE134D3-20201208



Tgt Ion:264 Resp: 3269

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.8	29.6
265	92.0	51.4	77.0#

