

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013256.D
 Acq On : 22 Dec 2020 03:06
 Operator : CG/JU
 Sample : L5123-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20201211

Quant Time: Dec 22 03:55:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

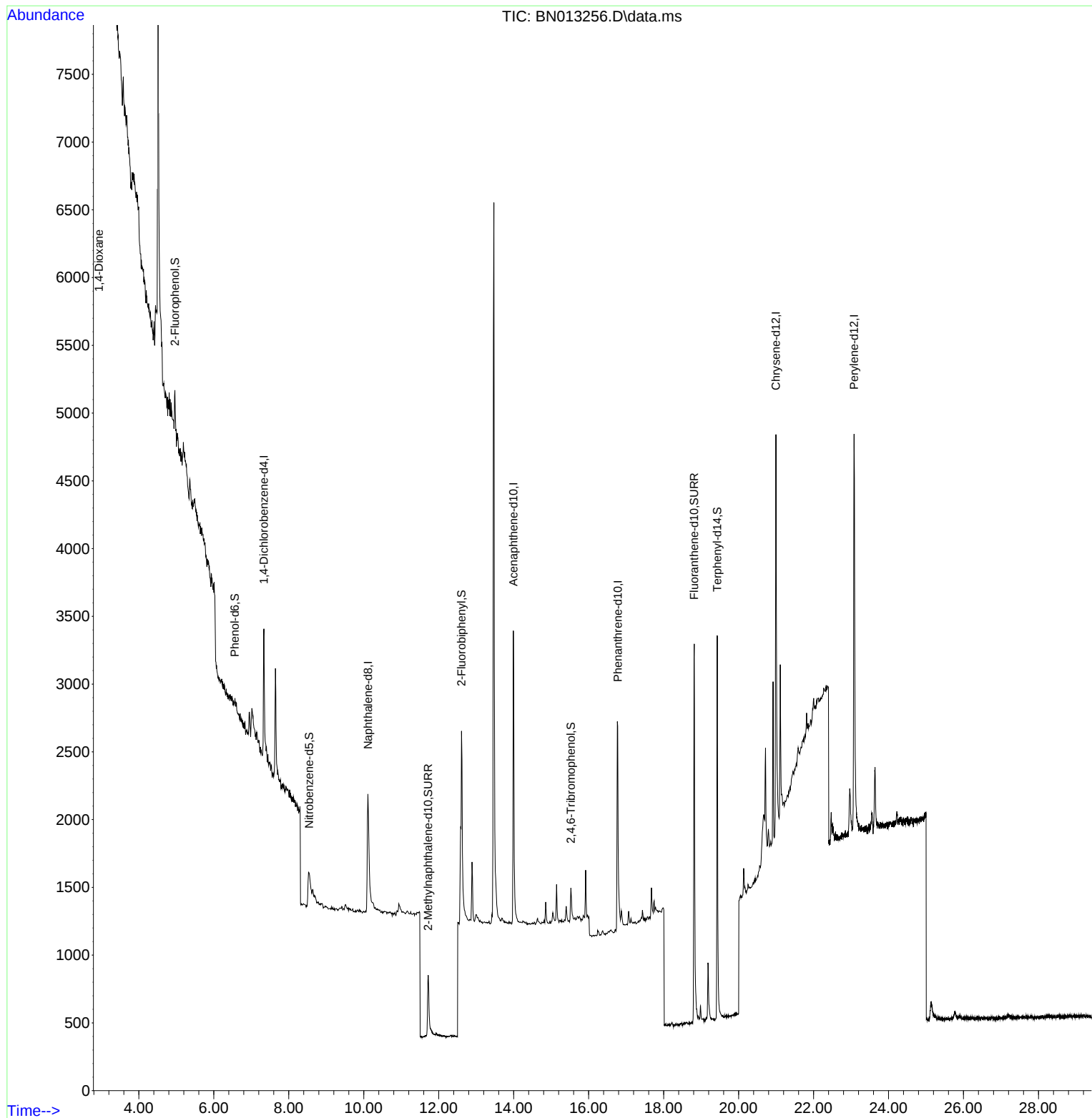
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	656	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2262	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1497	0.40	ng	-0.01
19) Phenanthrene-d10	16.776	188	3232	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3769	0.40	ng	#-0.01
36) Perylene-d12	23.082	264	4361	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	308	0.11	ng	0.00
5) Phenol-d6	6.557	99	151	0.06	ng	0.00
8) Nitrobenzene-d5	8.541	82	650	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.720	152	1150	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	268	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1823	0.29	ng	-0.03
27) Fluoranthene-d10	18.816	212	4365	0.41	ng	0.00
31) Terphenyl-d14	19.432	244	3752	0.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	339	0.30	ng	# 58

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

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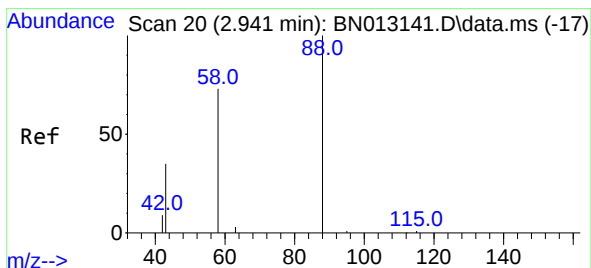
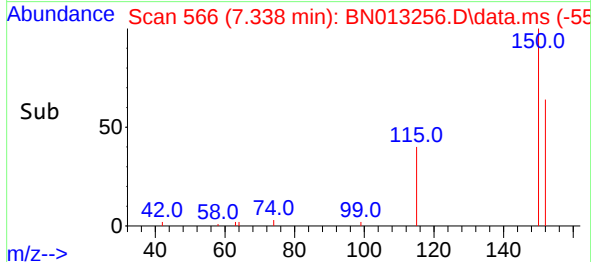
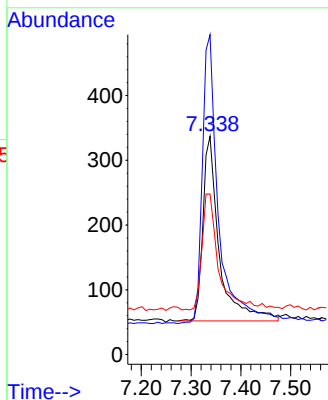
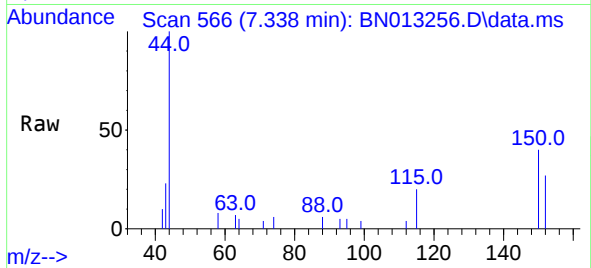


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Instrument :
BNA_N
ClientSampleId :
RE135D2-20201211

Tgt Ion: 152 Resp: 656

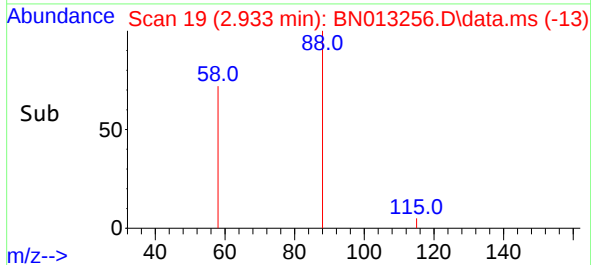
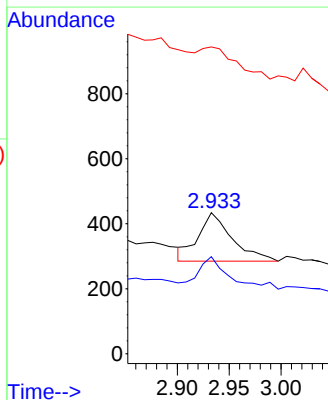
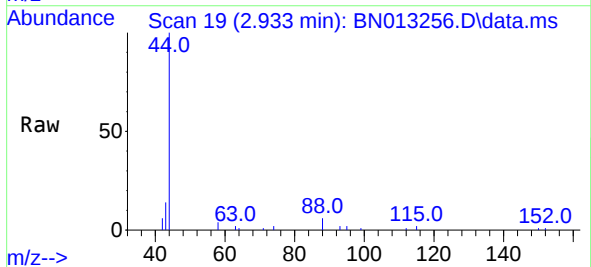
Ion	Ratio	Lower	Upper
152	100		
150	146.6	116.6	174.8
115	73.6	52.9	79.3



#2
1,4-Dioxane
Concen: 0.30 ng
RT: 2.933 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Tgt Ion: 88 Resp: 339

Ion	Ratio	Lower	Upper
88	100		
58	49.9	59.4	89.2#
43	0.0	32.3	48.5#



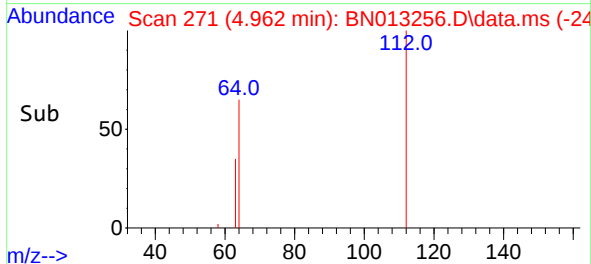
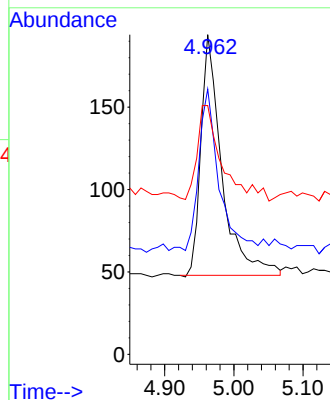
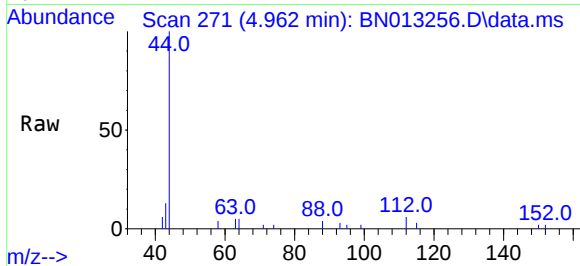


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.000 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Instrument :
BNA_N
ClientSampleId :
RE135D2-20201211

Tgt Ion:112 Resp: 308

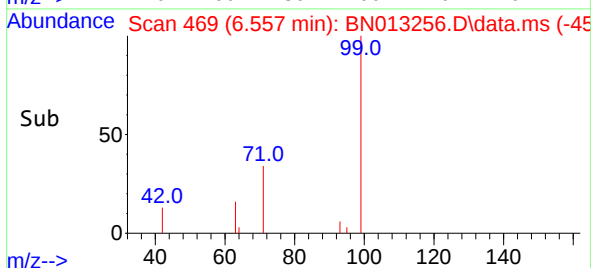
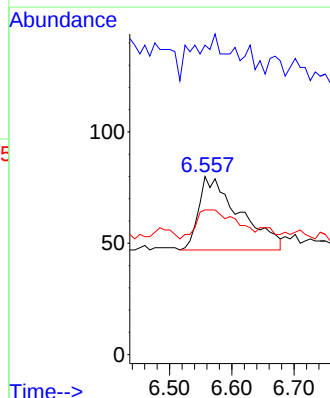
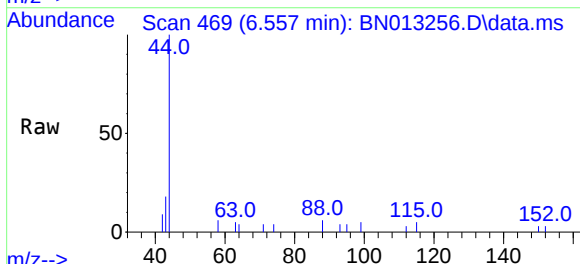
Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.5	74.3
63	41.6	32.0	48.0

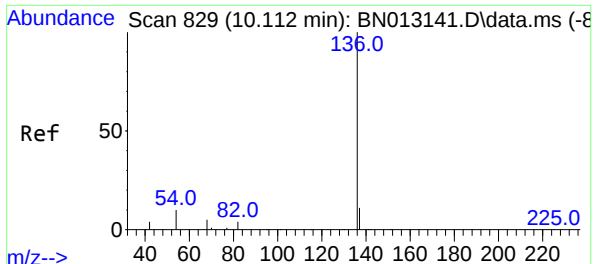


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Tgt Ion: 99 Resp: 151

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	38.4	37.8	56.6



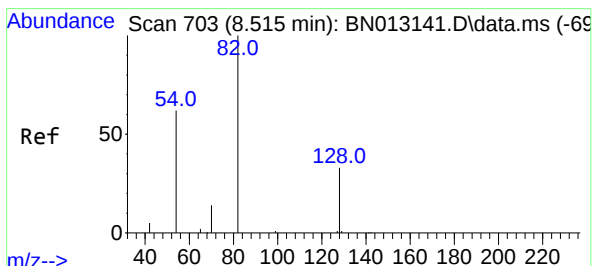
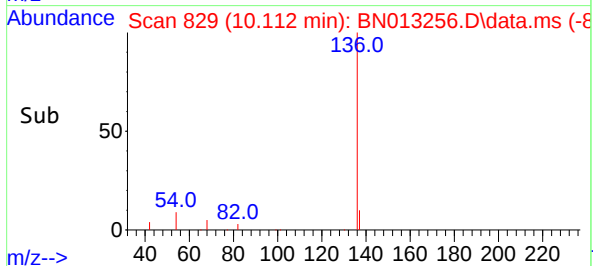
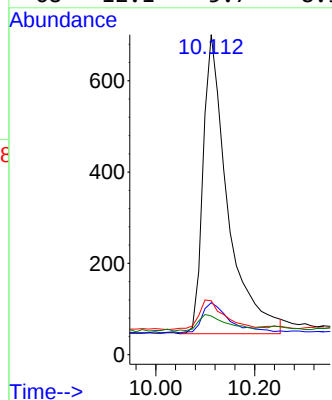
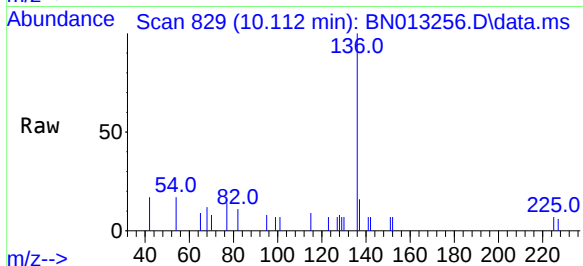


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.000 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Instrument :
BNA_N
ClientSampleId :
RE135D2-20201211

Tgt Ion: 136 Resp: 2262

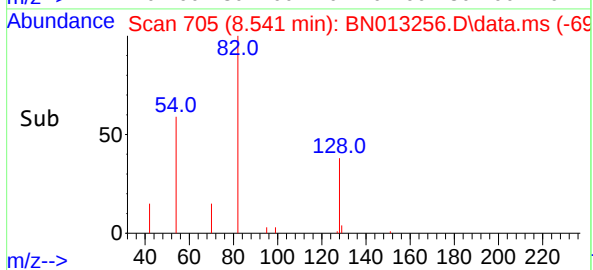
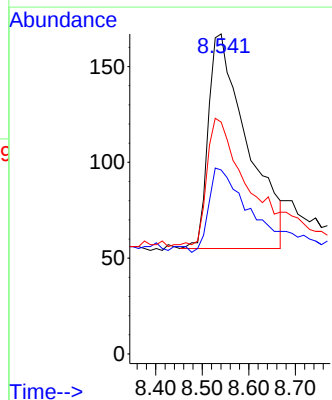
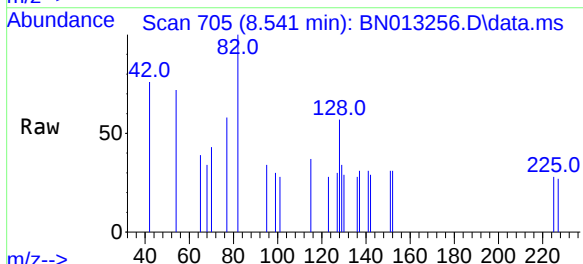
Ion	Ratio	Lower	Upper
136	100		
137	16.3	10.6	15.8#
54	16.8	8.6	12.8#
68	12.1	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Tgt Ion: 82 Resp: 650

Ion	Ratio	Lower	Upper
82	100		
128	57.5	30.6	46.0#
54	72.5	48.3	72.5

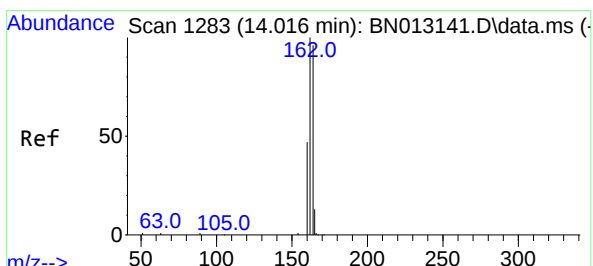
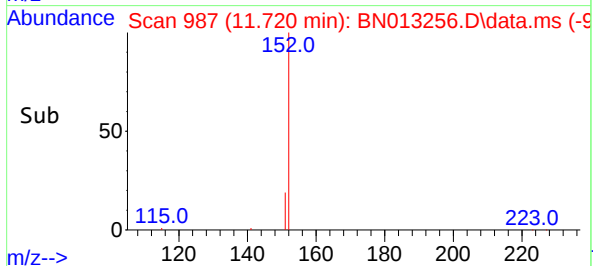
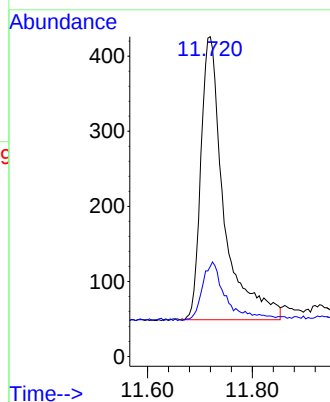
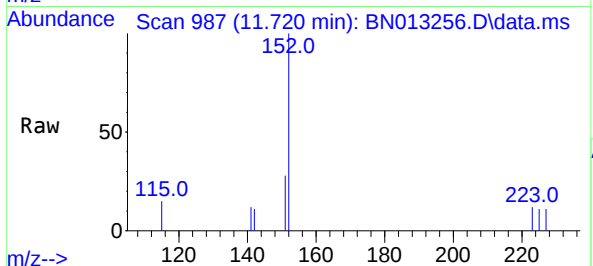




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.720 min Scan# 987
Delta R.T. -0.004 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

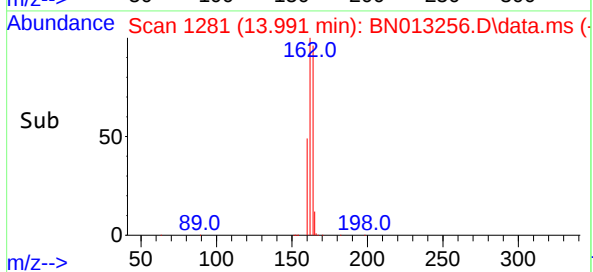
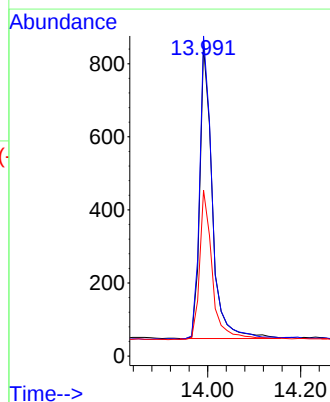
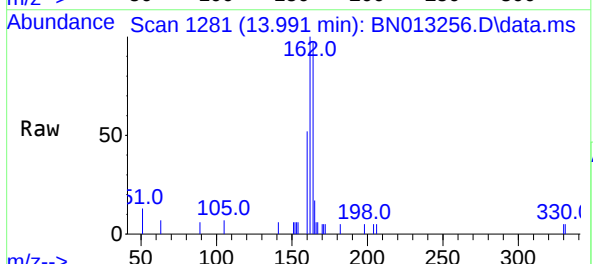
Instrument :
BNA_N
ClientSampleId :
RE135D2-20201211

Tgt Ion:152 Resp: 1150
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Tgt Ion:164 Resp: 1497
Ion Ratio Lower Upper
164 100
162 103.3 80.6 120.8
160 53.5 39.5 59.3

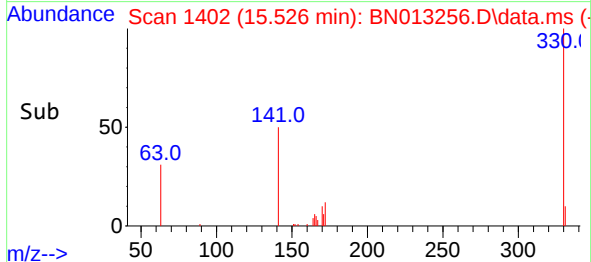
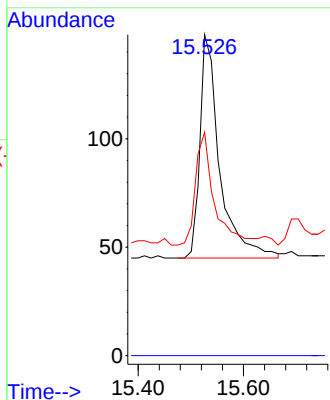
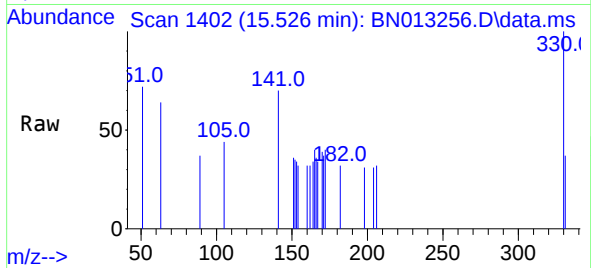




#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

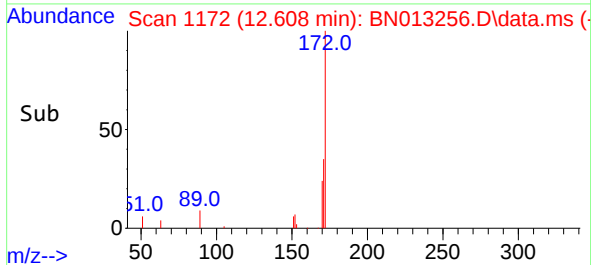
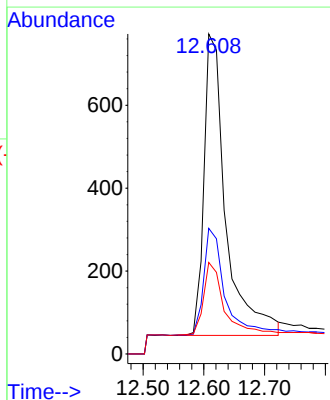
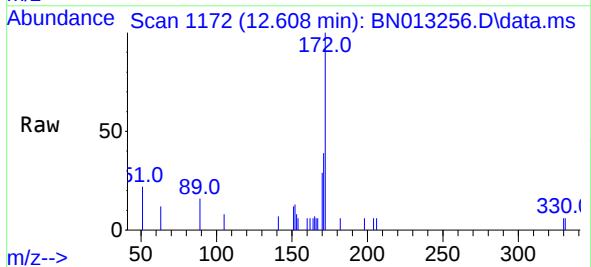
Instrument :
BNA_N
ClientSampleId :
RE135D2-20201211

Tgt Ion:330 Resp: 268
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.8 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Tgt Ion:172 Resp: 1823
Ion Ratio Lower Upper
172 100
171 39.2 28.2 42.4
170 28.6 20.0 30.0

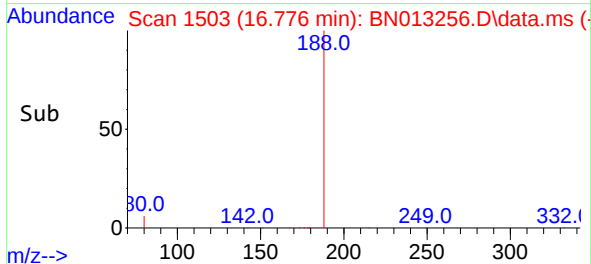
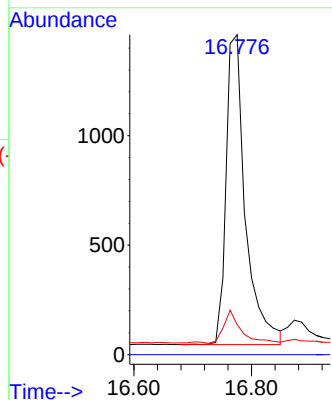
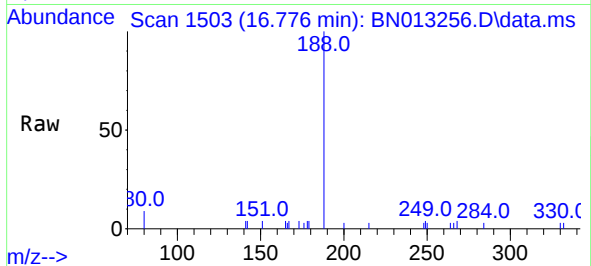




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.776 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

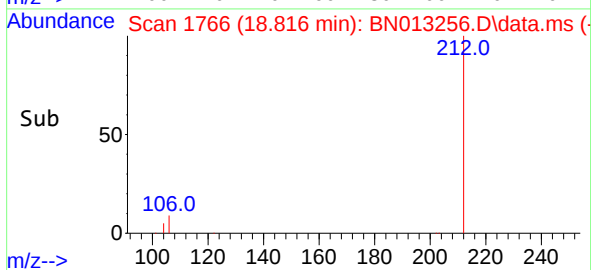
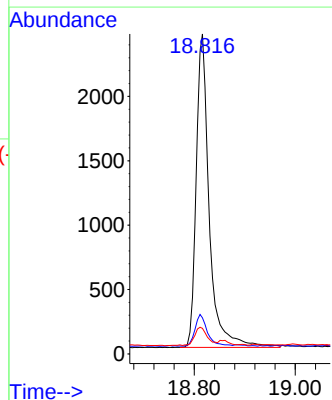
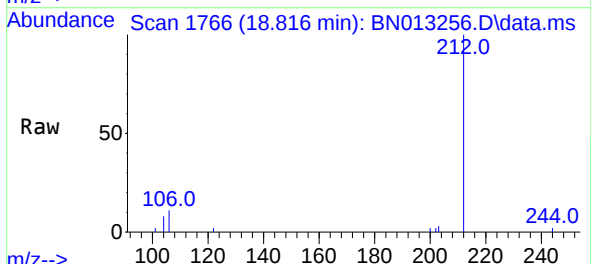
Instrument :
BNA_N
ClientSampleId :
RE135D2-20201211

Tgt Ion:188	Resp:	3232
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.4	5.0



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Tgt Ion:212	Resp:	4365
Ion Ratio	Lower	Upper
212	100	
106	9.6	6.8
104	5.7	4.1

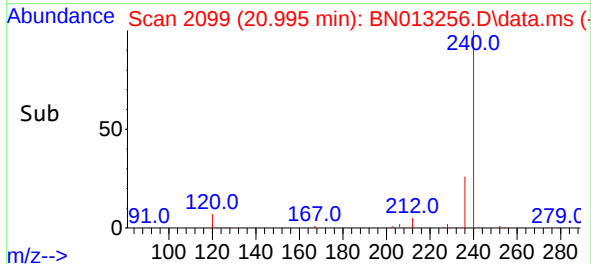
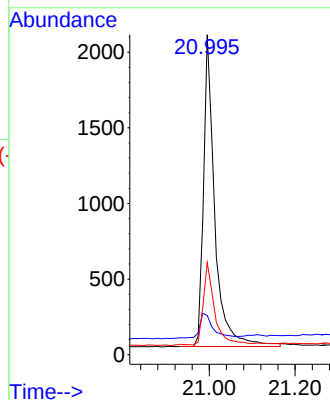
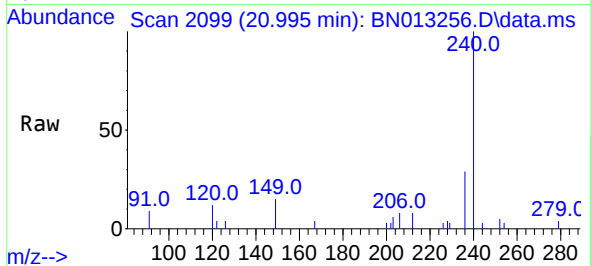




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

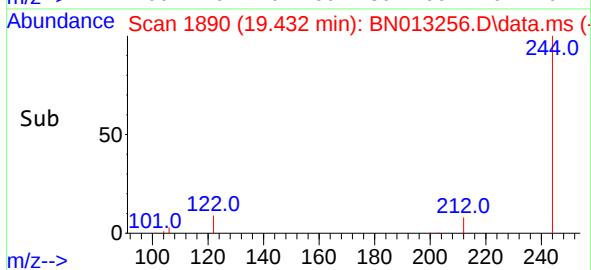
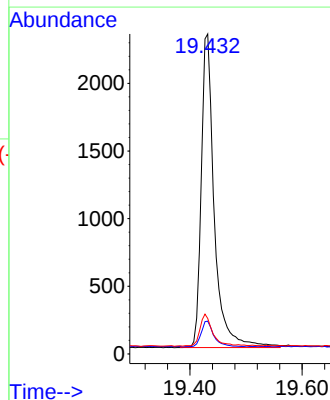
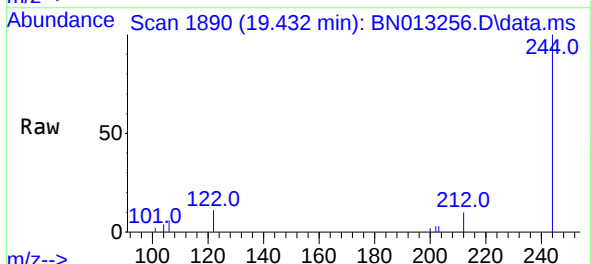
Instrument :
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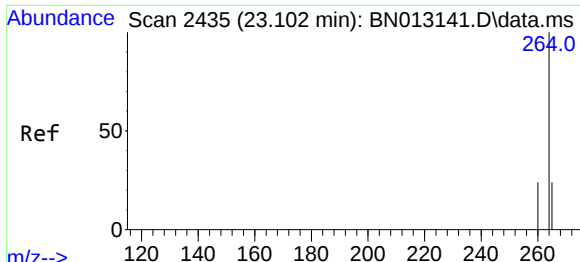
Tgt Ion:240 Resp: 3769
Ion Ratio Lower Upper
240 100
120 12.3 5.3 7.9#
236 28.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.432 min Scan# 1890
Delta R.T. -0.015 min
Lab File: BN013256.D
Acq: 22 Dec 2020 03:06

Tgt Ion:244 Resp: 3752
Ion Ratio Lower Upper
244 100
212 10.2 7.3 10.9
122 11.1 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.082 min Scan# 2429
 Delta R.T. -0.014 min
 Lab File: BN013256.D
 Acq: 22 Dec 2020 03:06

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20201211

Tgt Ion:264	Resp:	4361
Ion Ratio	Lower	Upper
264	100	
260	26.1	19.8 29.6
265	71.1	51.4 77.0

