

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013171.D
 Acq On : 16 Dec 2020 18:32
 Operator : CG/JU
 Sample : L5053-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20201209

Quant Time: Dec 17 03:06:48 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)

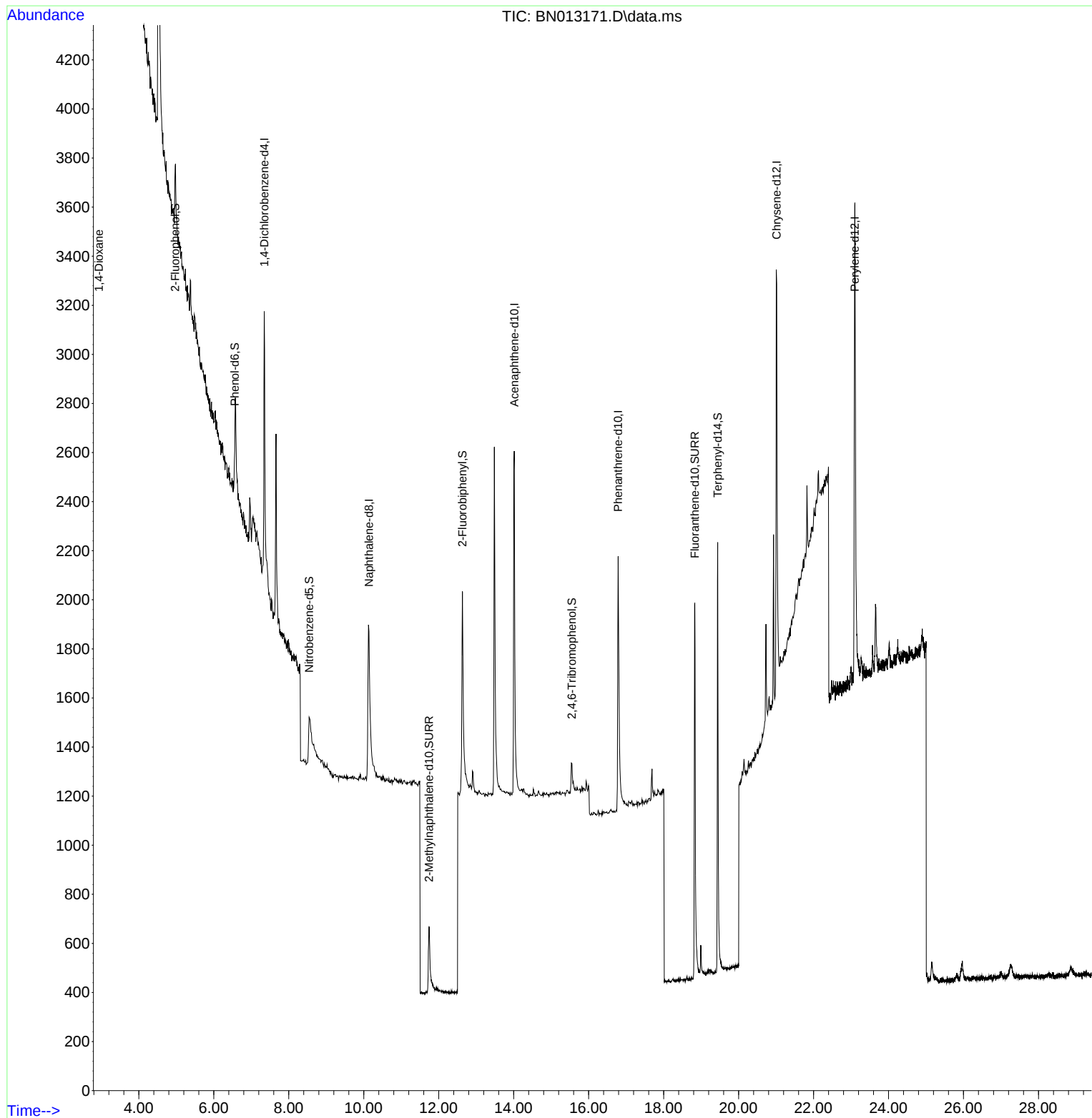
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	715	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1854	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1200	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	2572	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2797	0.40	ng	# 0.01
36) Perylene-d12	23.099	264	3271	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	256	0.09	ng	0.00
5) Phenol-d6	6.557	99	141	0.05	ng	0.00
8) Nitrobenzene-d5	8.541	82	527	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	11.742	152	801	0.25	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	183	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1245	0.25	ng	0.00
27) Fluoranthene-d10	18.831	212	2784	0.33	ng	0.00
31) Terphenyl-d14	19.442	244	2441	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.933	88	494	0.40	ng	Qvalue # 86

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

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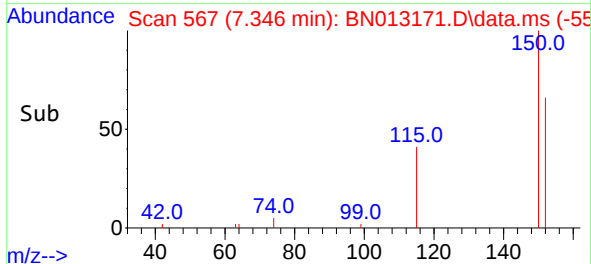
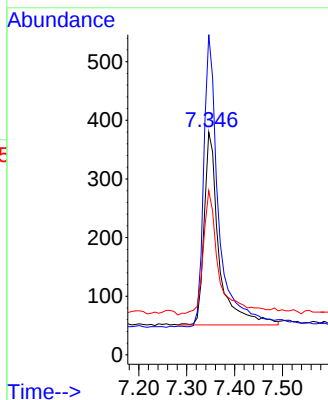
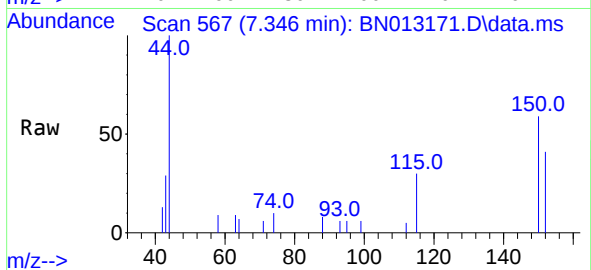


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion:152 Resp: 715

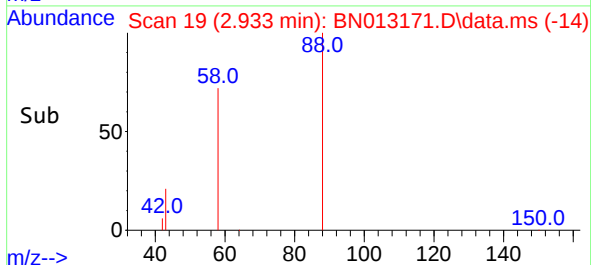
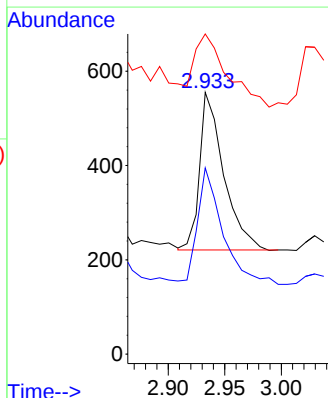
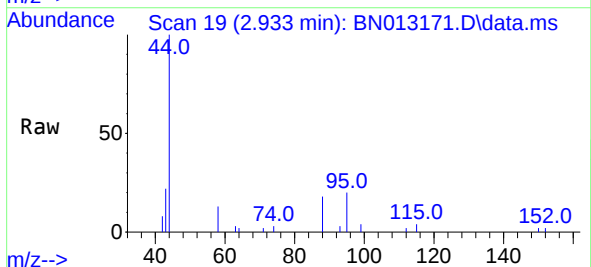
Ion	Ratio	Lower	Upper
152	100		
150	143.7	116.6	174.8
115	73.7	52.9	79.3



#2
1,4-Dioxane
Concen: 0.40 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion: 88 Resp: 494

Ion	Ratio	Lower	Upper
88	100		
58	77.1	59.4	89.2
43	61.9	32.3	48.5



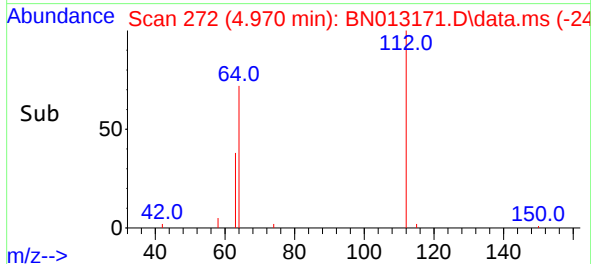
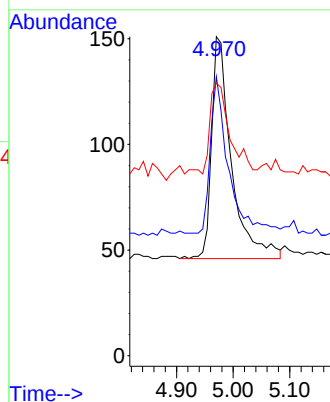
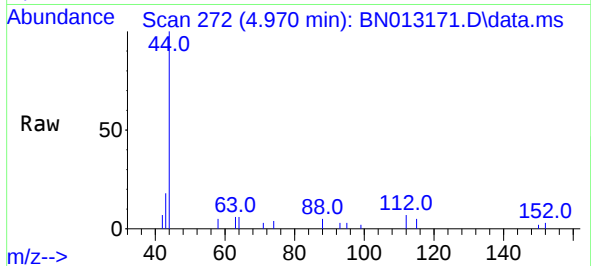


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion: 112 Resp: 256

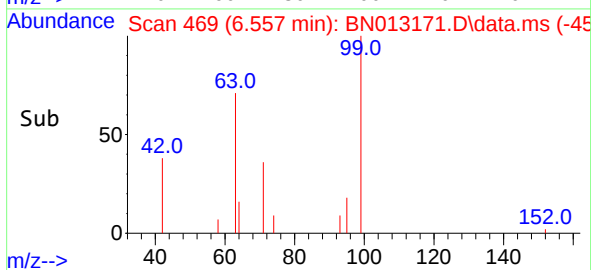
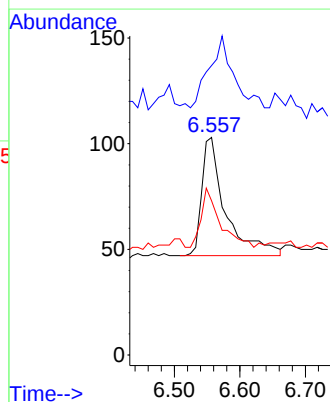
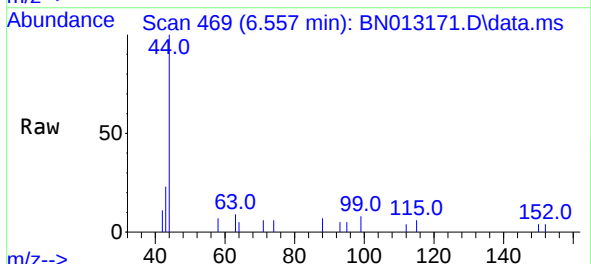
Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.5	74.3
63	38.7	32.0	48.0

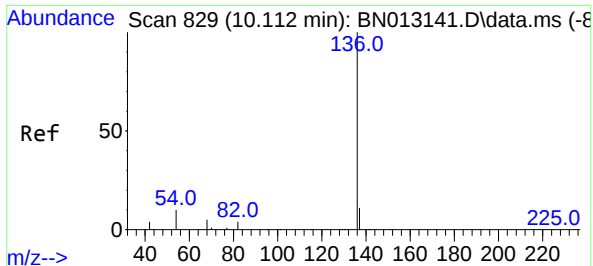


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion: 99 Resp: 141

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	39.7	37.8	56.6

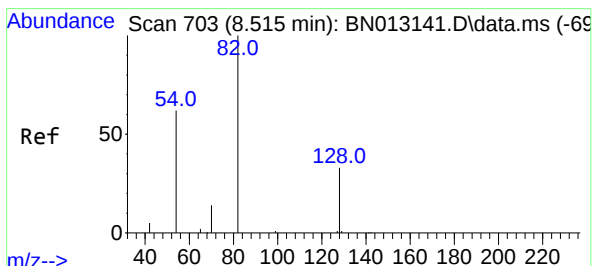
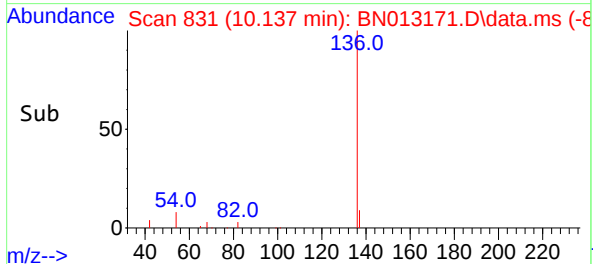
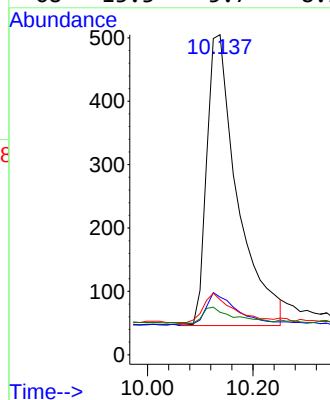
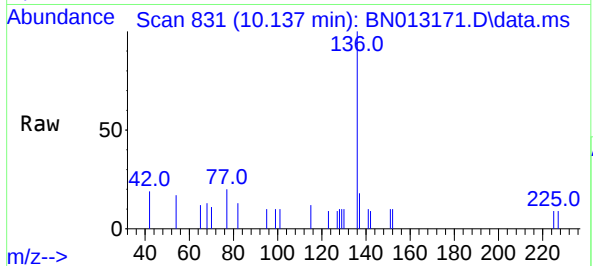




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

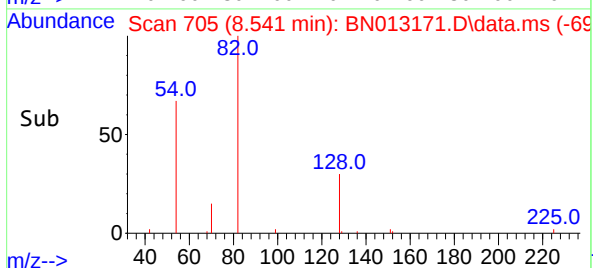
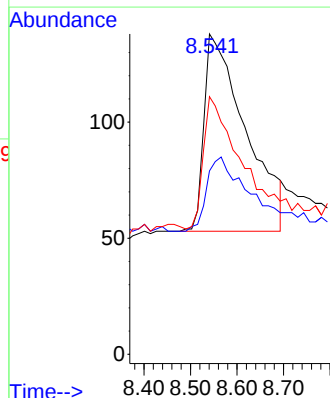
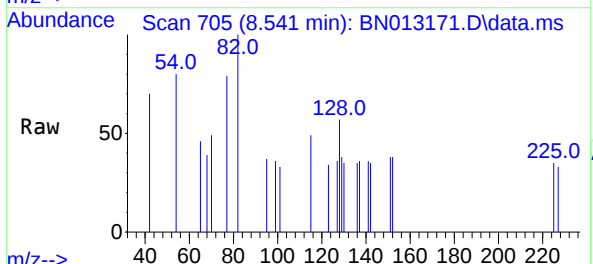
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion:	136	Resp:	1854
Ion	Ratio	Lower	Upper
136	100		
137	18.0	10.6	15.8#
54	17.2	8.6	12.8#
68	13.3	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:	82	Resp:	527
Ion	Ratio	Lower	Upper
82	100		
128	57.2	30.6	46.0#
54	80.4	48.3	72.5#

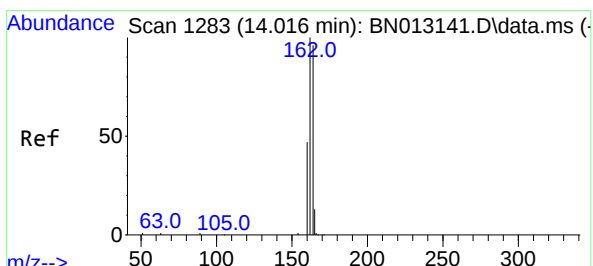
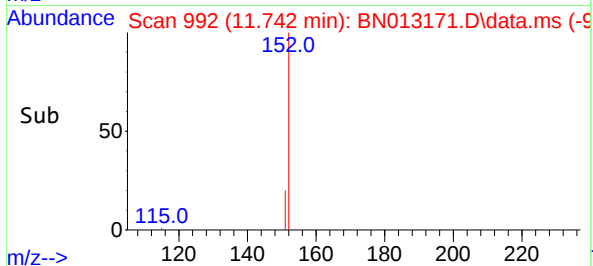
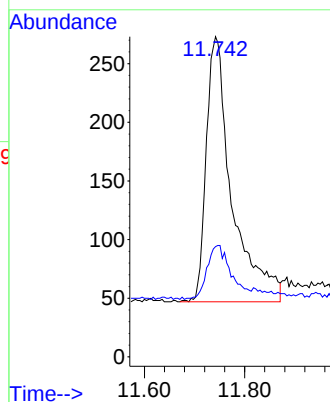
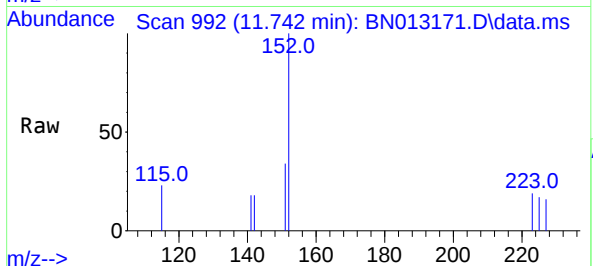




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.018 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

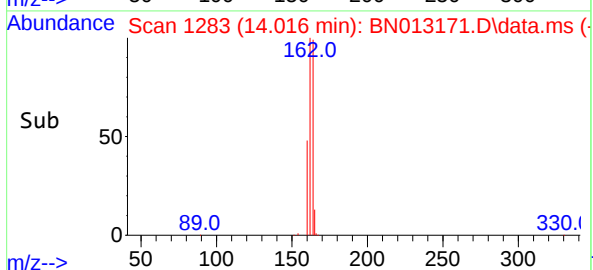
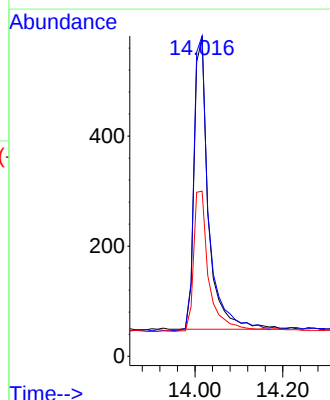
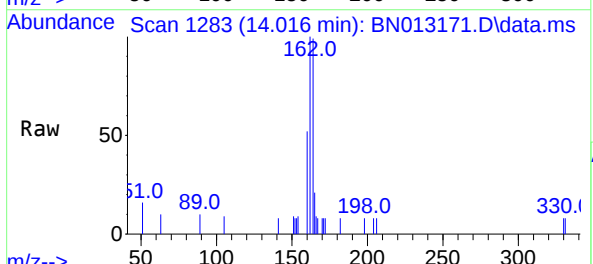
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion:152 Resp: 801
Ion Ratio Lower Upper
152 100
151 18.2 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: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:164 Resp: 1200
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 51.9 39.5 59.3

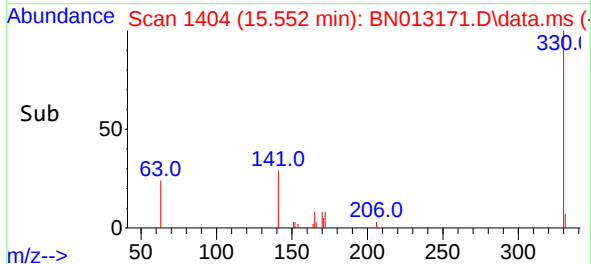
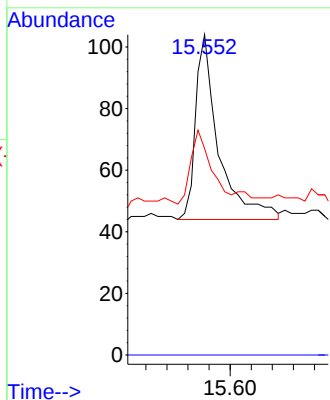
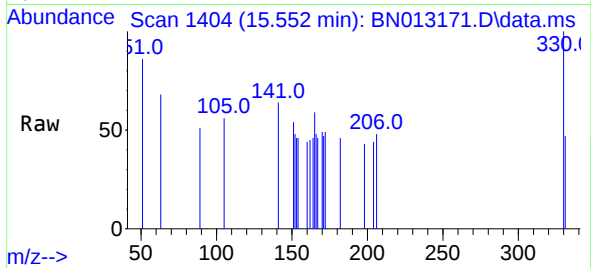




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

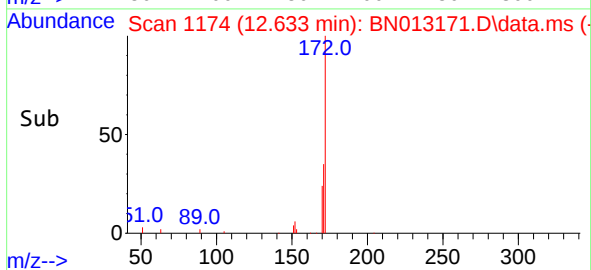
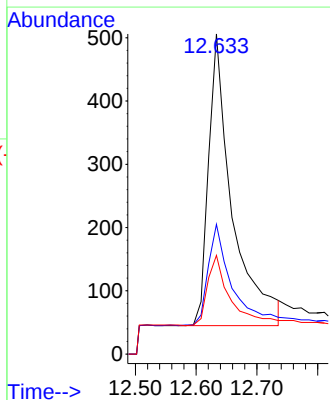
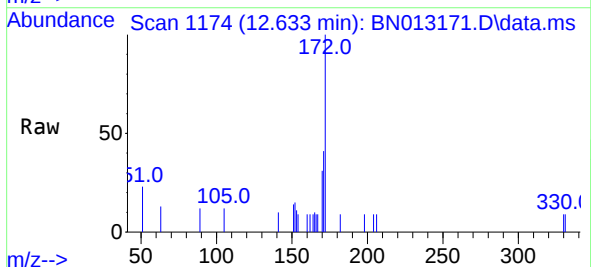
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion:330 Resp: 183
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:172 Resp: 1245
Ion Ratio Lower Upper
172 100
171 40.5 28.2 42.4
170 30.8 20.0 30.0#

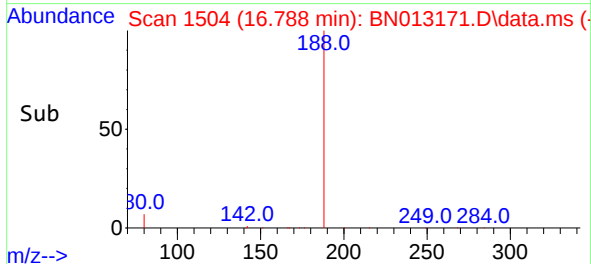
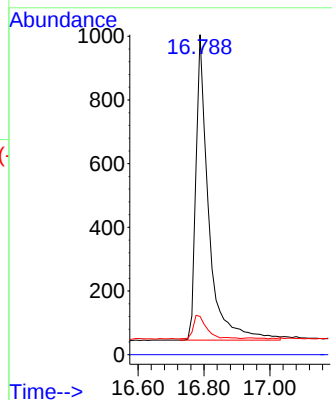
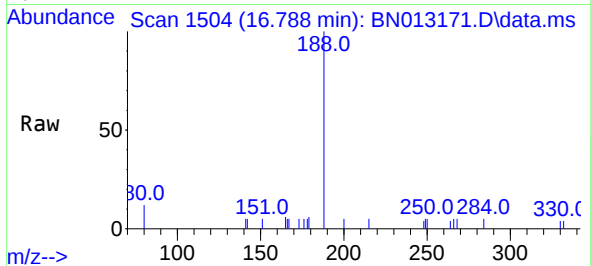




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

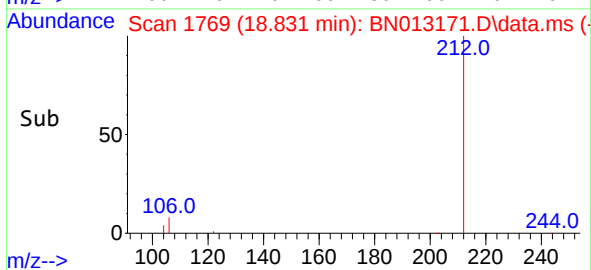
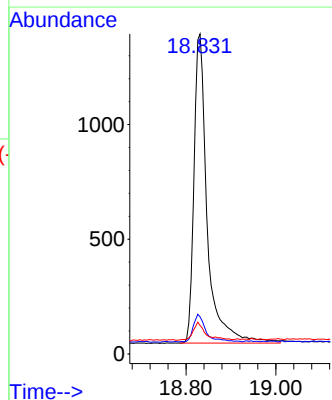
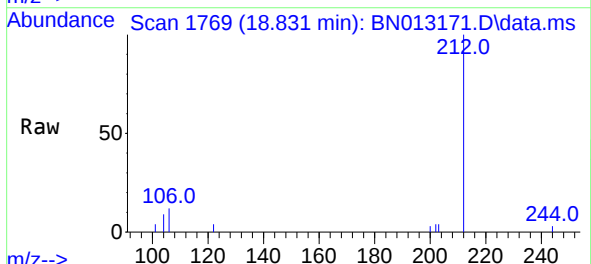
Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion:	188	Resp:	2572
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	5.0	7.4#



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:	212	Resp:	2784
Ion	Ratio	Lower	Upper
212	100		
106	8.4	6.8	10.2
104	5.4	4.1	6.1

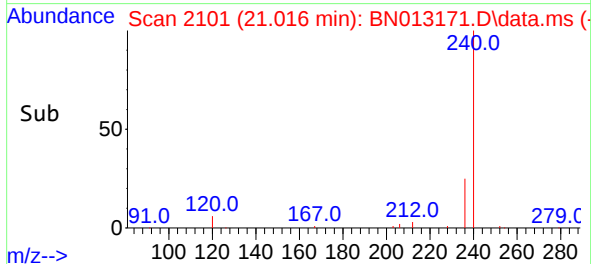
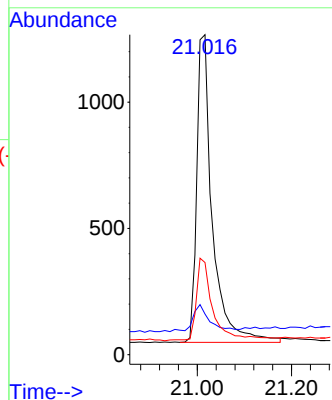
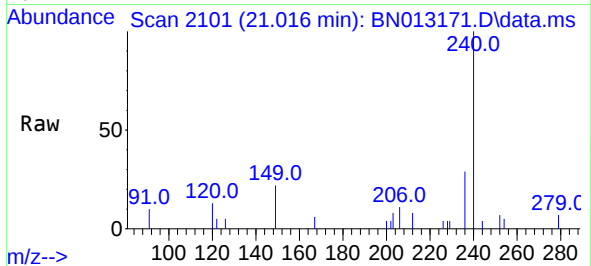




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

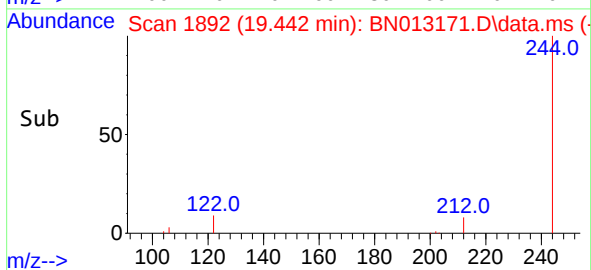
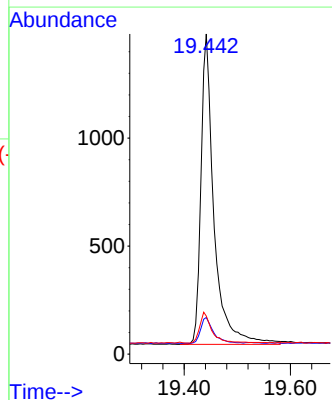
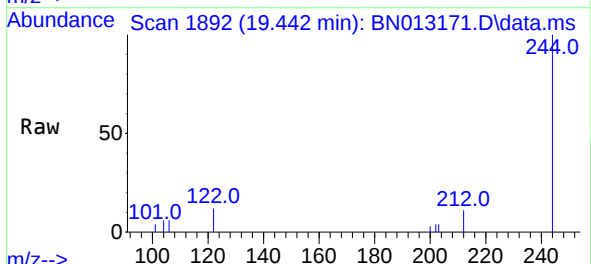
Instrument :
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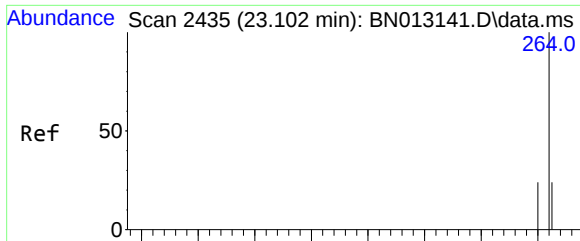
Tgt Ion:240 Resp: 2797
Ion Ratio Lower Upper
240 100
120 12.7 5.3 7.9#
236 28.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Tgt Ion:244 Resp: 2441
Ion Ratio Lower Upper
244 100
212 11.4 7.3 10.9#
122 11.9 7.3 10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.099 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BN013171.D
Acq: 16 Dec 2020 18:32

Instrument :
BNA_N
ClientSampleId :
RE103D3-20201209

Tgt Ion:264 Resp: 3271

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.8	29.6
265	87.0	51.4	77.0#

