

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013259.D
 Acq On : 22 Dec 2020 04:53
 Operator : CG/JU
 Sample : L5123-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20201214

Quant Time: Dec 22 05:25:29 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)

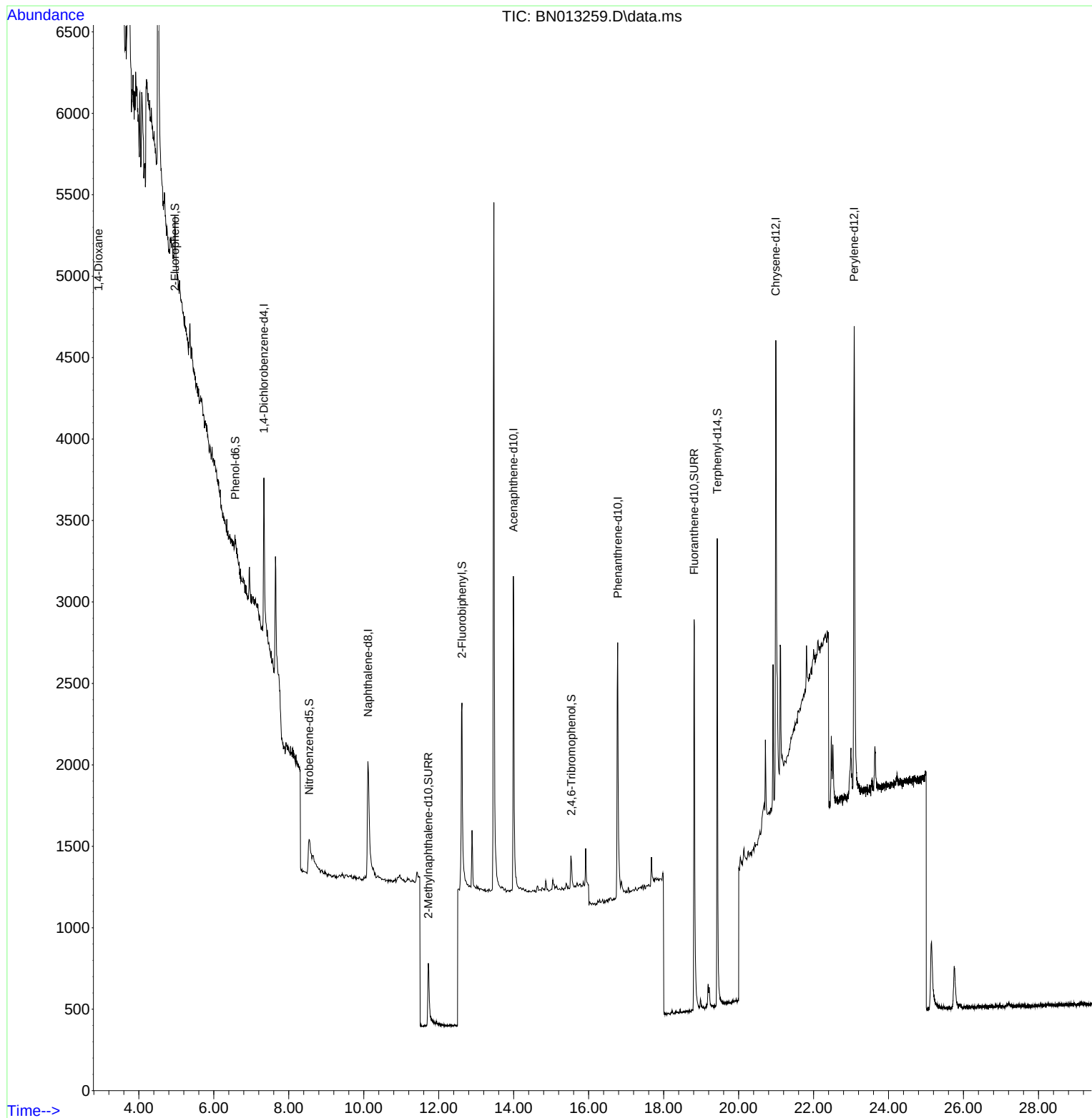
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	747	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2074	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1420	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3118	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	3638	0.40	ng	#-0.01
36) Perylene-d12	23.083	264	4245	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	314	0.10	ng	0.00
5) Phenol-d6	6.573	99	158	0.05	ng	0.02
8) Nitrobenzene-d5	8.540	82	575	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	11.724	152	953	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	239	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1603	0.27	ng	-0.01
27) Fluoranthene-d10	18.813	212	3989	0.39	ng	0.00
31) Terphenyl-d14	19.429	244	3603	0.39	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.925	88	1344	1.03	ng	Qvalue # 94

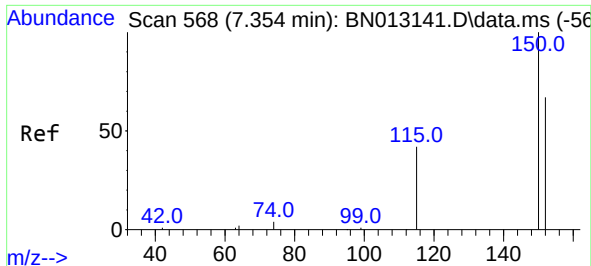
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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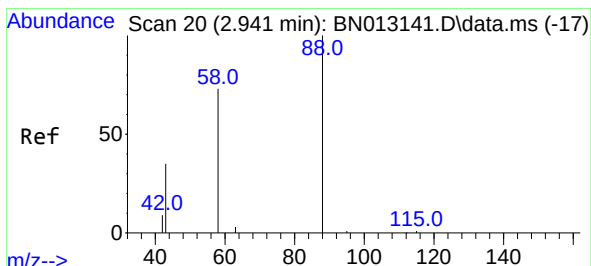
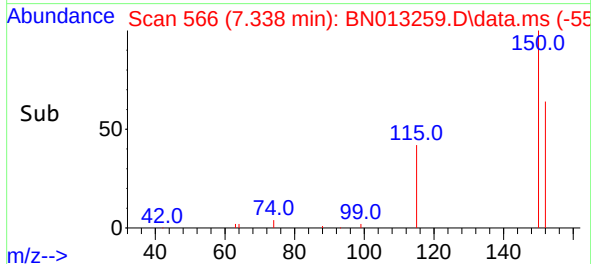
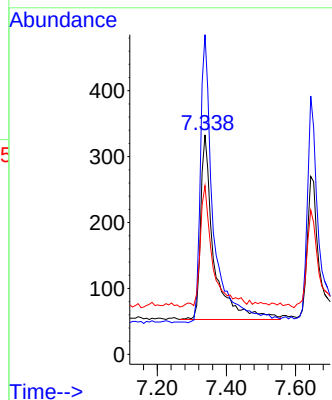
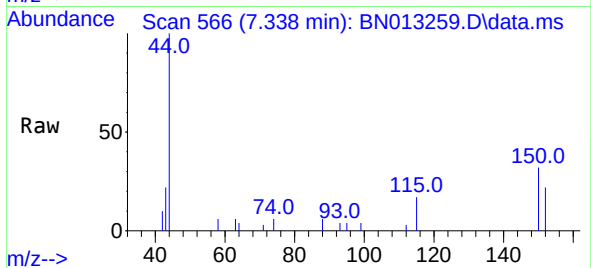




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

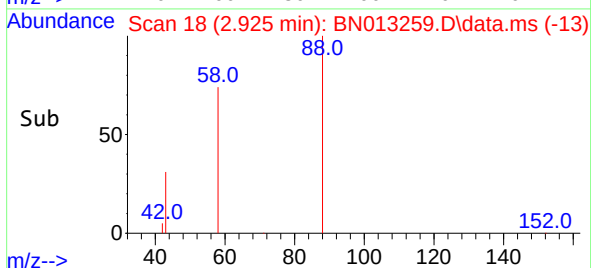
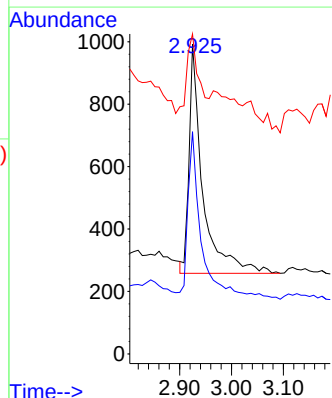
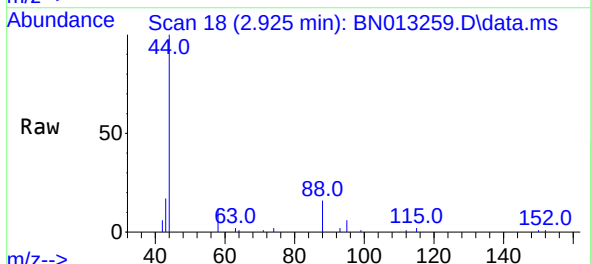
Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

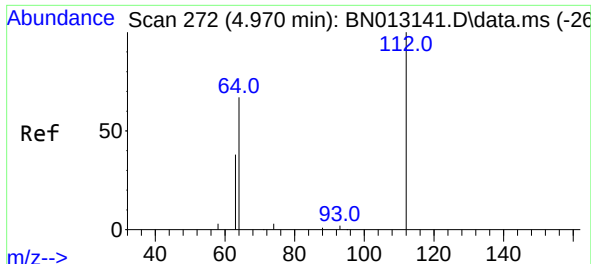
Tgt Ion:152 Resp: 747
Ion Ratio Lower Upper
152 100
150 145.6 116.6 174.8
115 76.9 52.9 79.3



#2
1,4-Dioxane
Concen: 1.03 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.008 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion: 88 Resp: 1344
Ion Ratio Lower Upper
88 100
58 73.9 59.4 89.2
43 29.5 32.3 48.5#

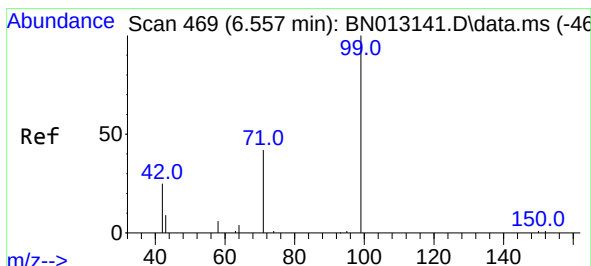
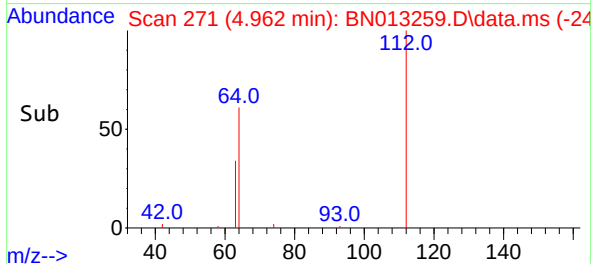
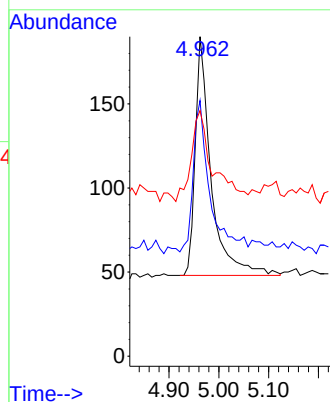
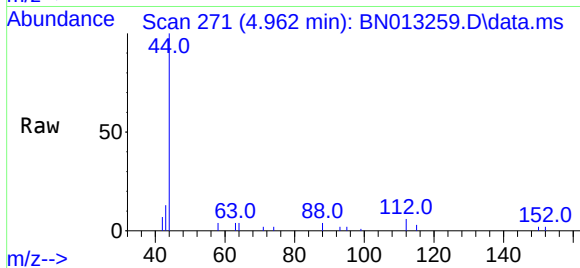




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

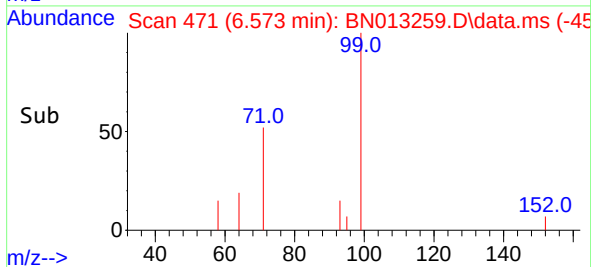
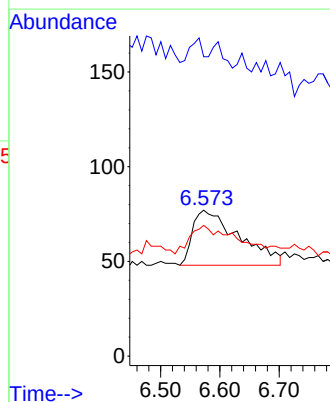
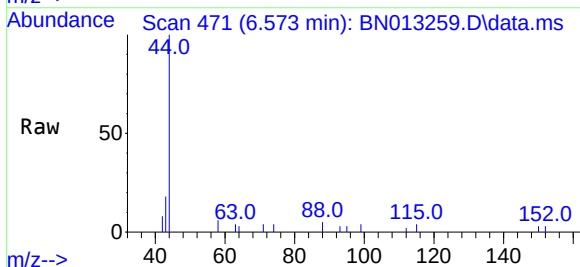
Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

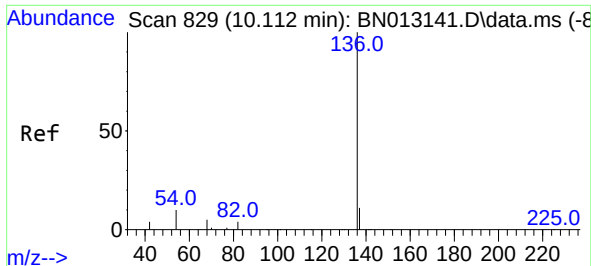
Tgt Ion:	112	Resp:	314
Ion	Ratio	Lower	Upper
112	100		
64	65.9	49.5	74.3
63	51.6	32.0	48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:	99	Resp:	158
Ion	Ratio	Lower	Upper
99	100		
42	13.3	22.4	33.6
71	52.5	37.8	56.6



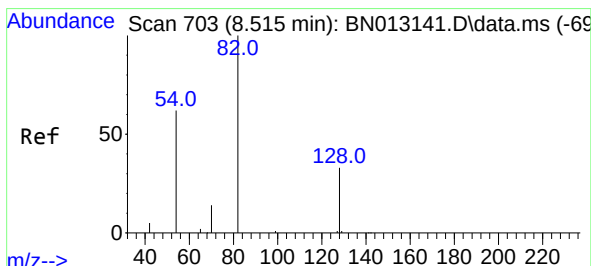
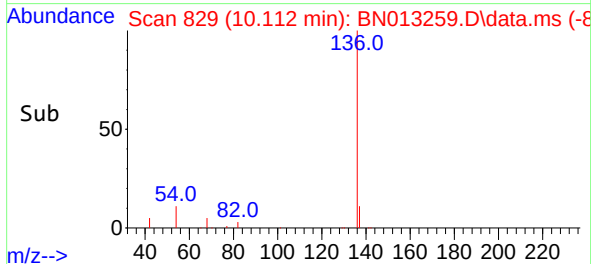
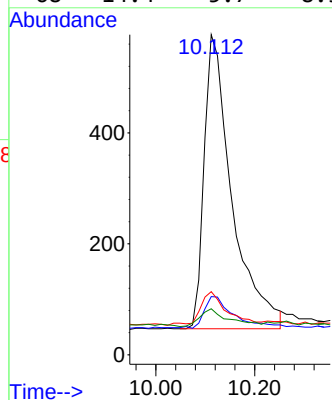
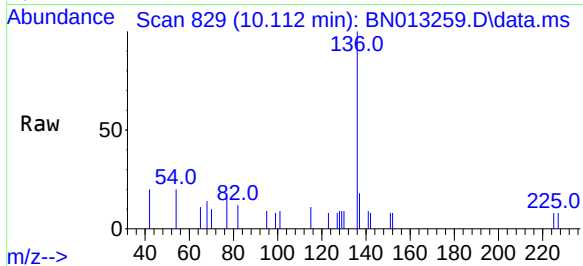


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

Tgt Ion:136 Resp: 2074

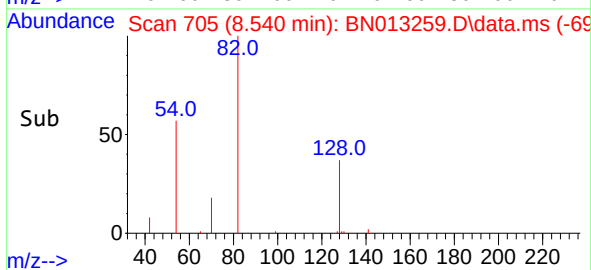
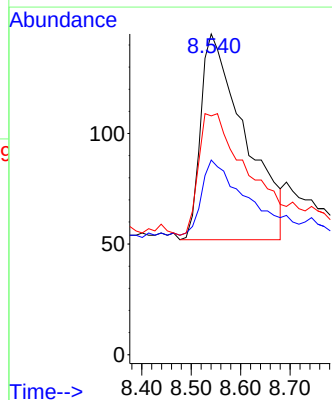
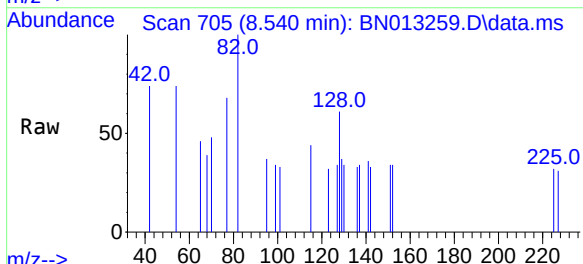
Ion	Ratio	Lower	Upper
136	100		
137	18.2	10.6	15.8#
54	19.8	8.6	12.8#
68	14.4	5.7	8.5#

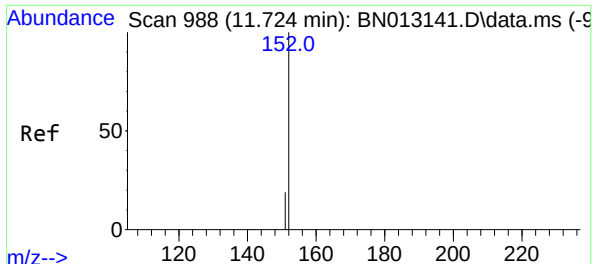


#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion: 82 Resp: 575

Ion	Ratio	Lower	Upper
82	100		
128	60.7	30.6	46.0#
54	74.5	48.3	72.5#

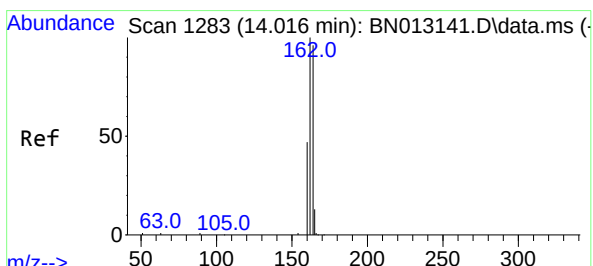
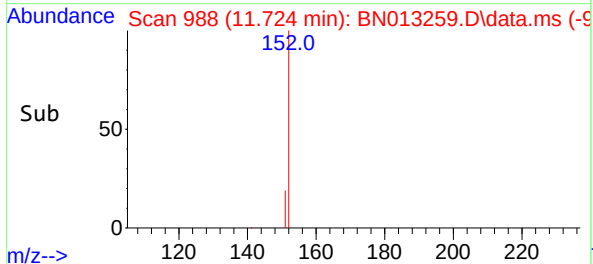
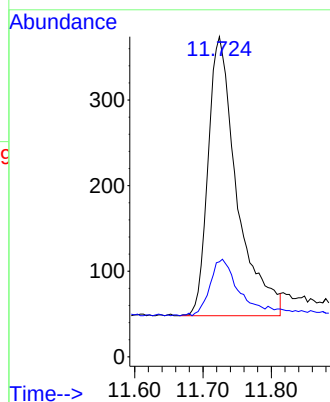
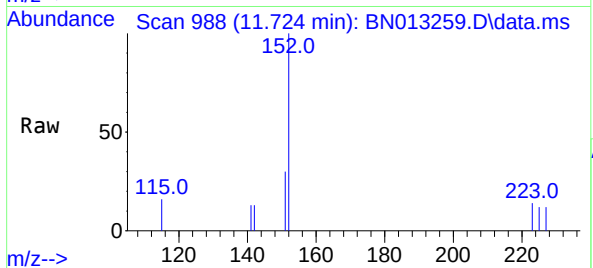




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

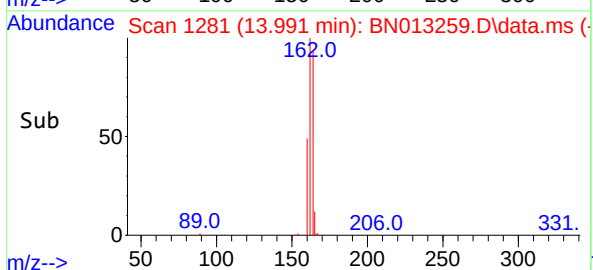
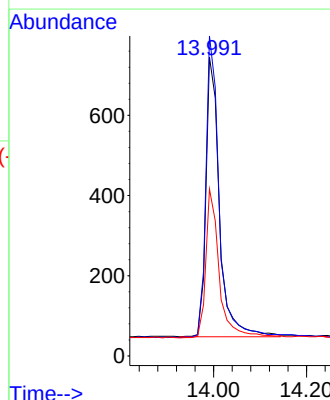
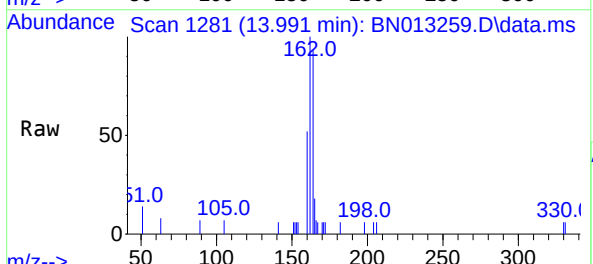
Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

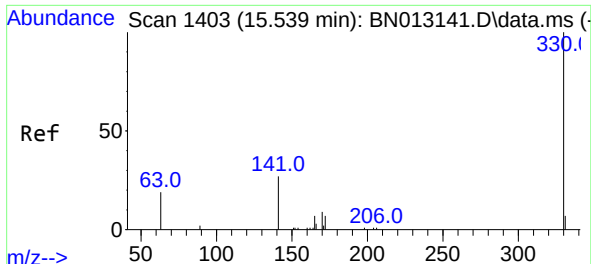
Tgt Ion:152 Resp: 953
Ion Ratio Lower Upper
152 100
151 19.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:164 Resp: 1420
Ion Ratio Lower Upper
164 100
162 107.1 80.6 120.8
160 55.8 39.5 59.3

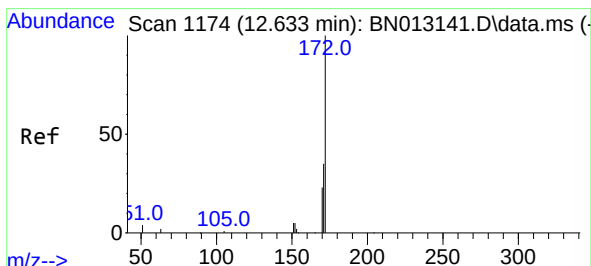
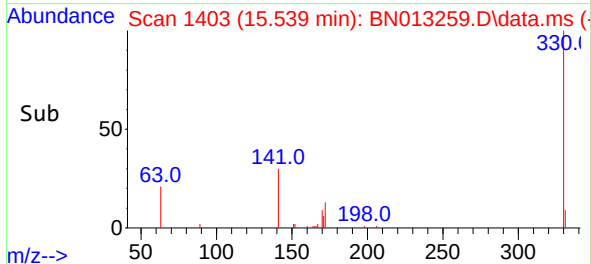
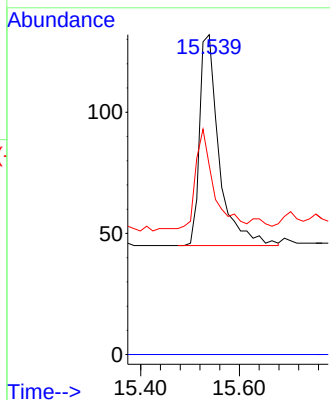
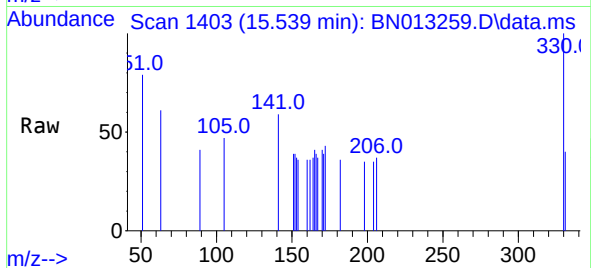




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

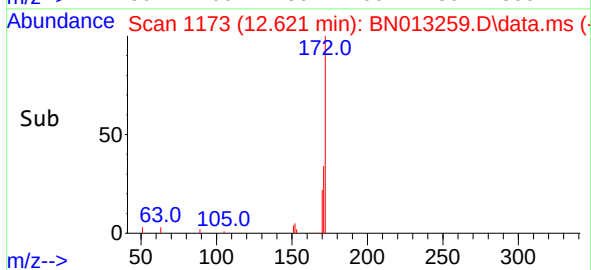
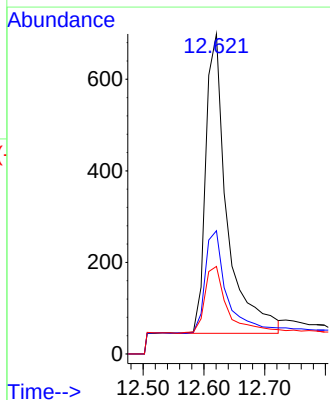
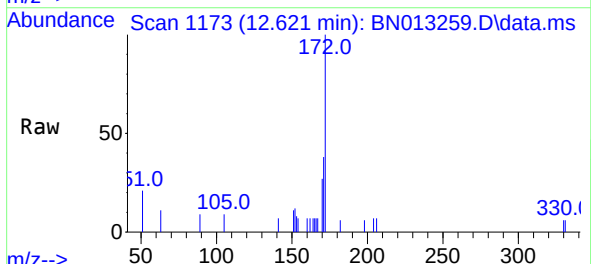
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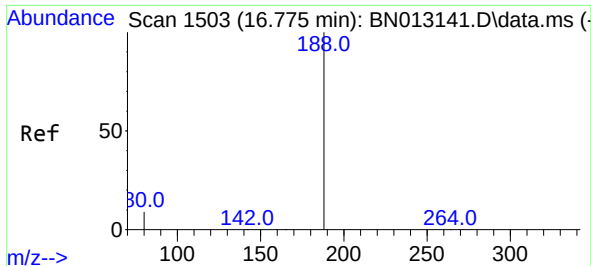
Tgt Ion:330 Resp: 239
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:172 Resp: 1603
Ion Ratio Lower Upper
172 100
171 38.5 28.2 42.4
170 27.3 20.0 30.0

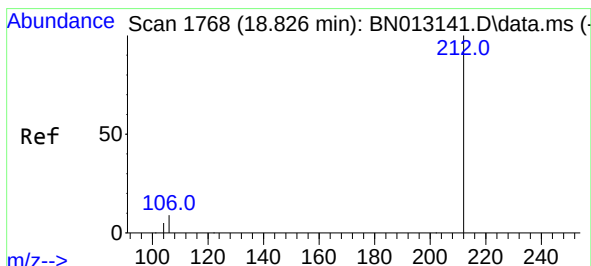
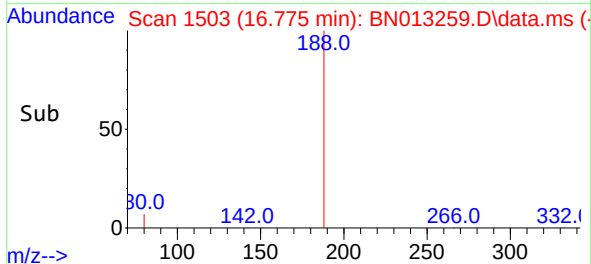
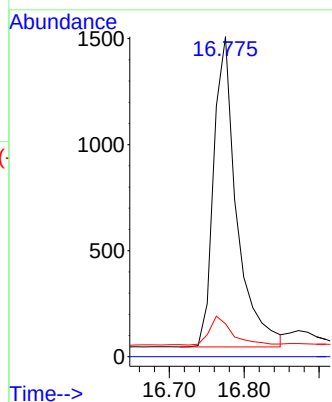
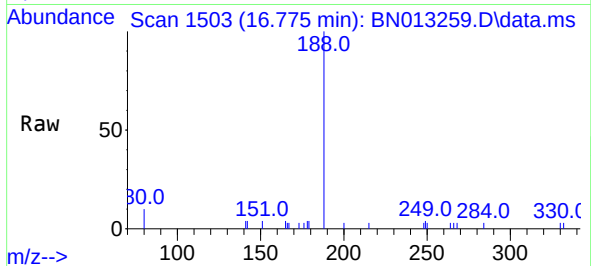




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.001 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

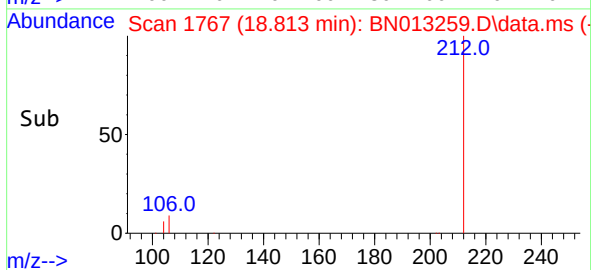
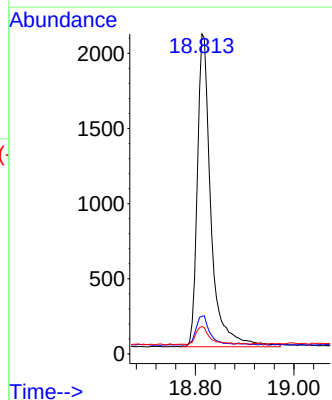
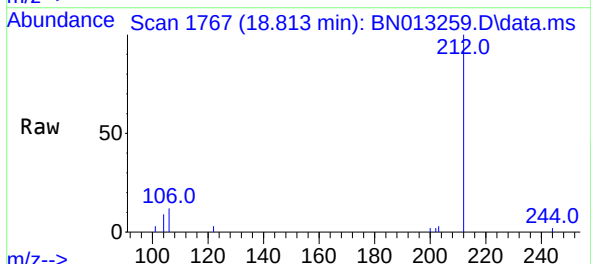
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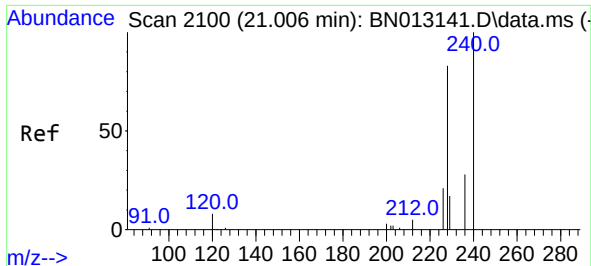
Tgt Ion:188	Resp:	3118
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.3	5.0



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:212	Resp:	3989
Ion Ratio	Lower	Upper
212	100	
106	9.6	6.8
104	5.6	4.1

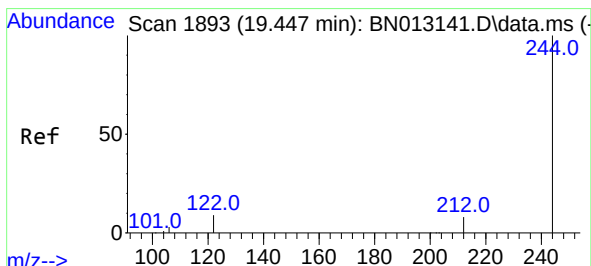
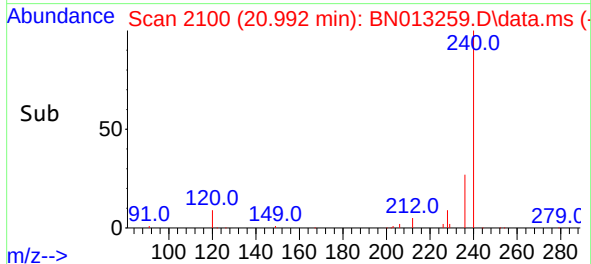
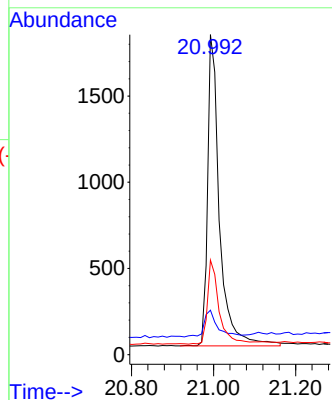
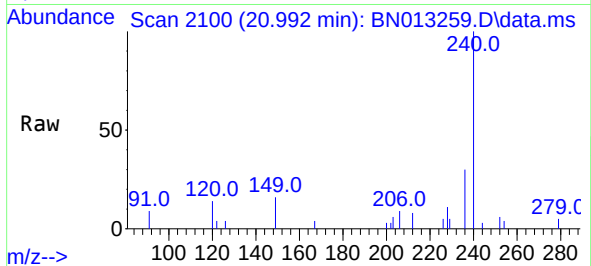




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

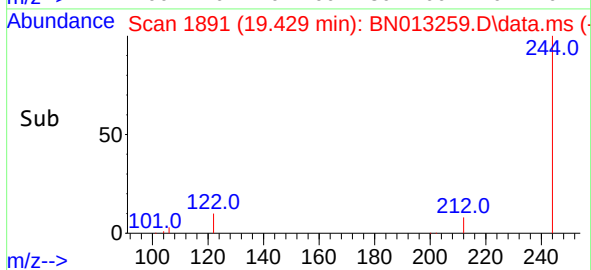
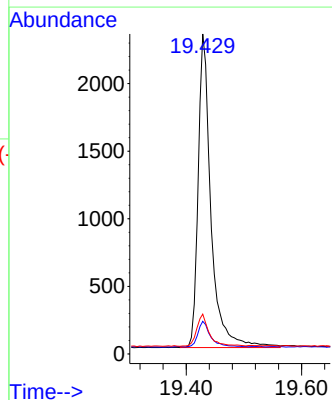
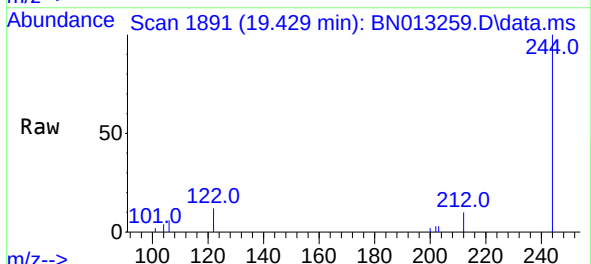
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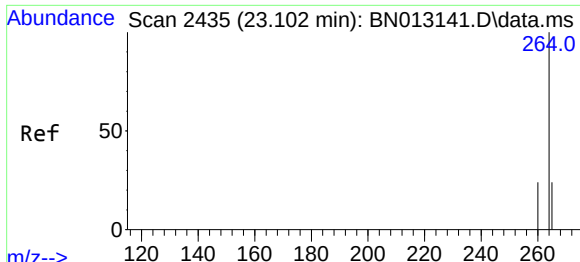
Tgt Ion:240 Resp: 3638
Ion Ratio Lower Upper
240 100
120 13.9 5.3 7.9#
236 29.5 21.8 32.8



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:244 Resp: 3603
Ion Ratio Lower Upper
244 100
212 10.2 7.3 10.9
122 12.5 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.083 min Scan# 2431
 Delta R.T. -0.013 min
 Lab File: BN013259.D
 Acq: 22 Dec 2020 04:53

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20201214

Tgt Ion:	264	Resp:	4245
Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.6
265	70.4	51.4	77.0

