

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013285.D
 Acq On : 22 Dec 2020 23:37
 Operator : CG/JU
 Sample : L5124-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20201211

Quant Time: Dec 23 00:54:44 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 22 10:46:43 2020
 Response via : Initial Calibration

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

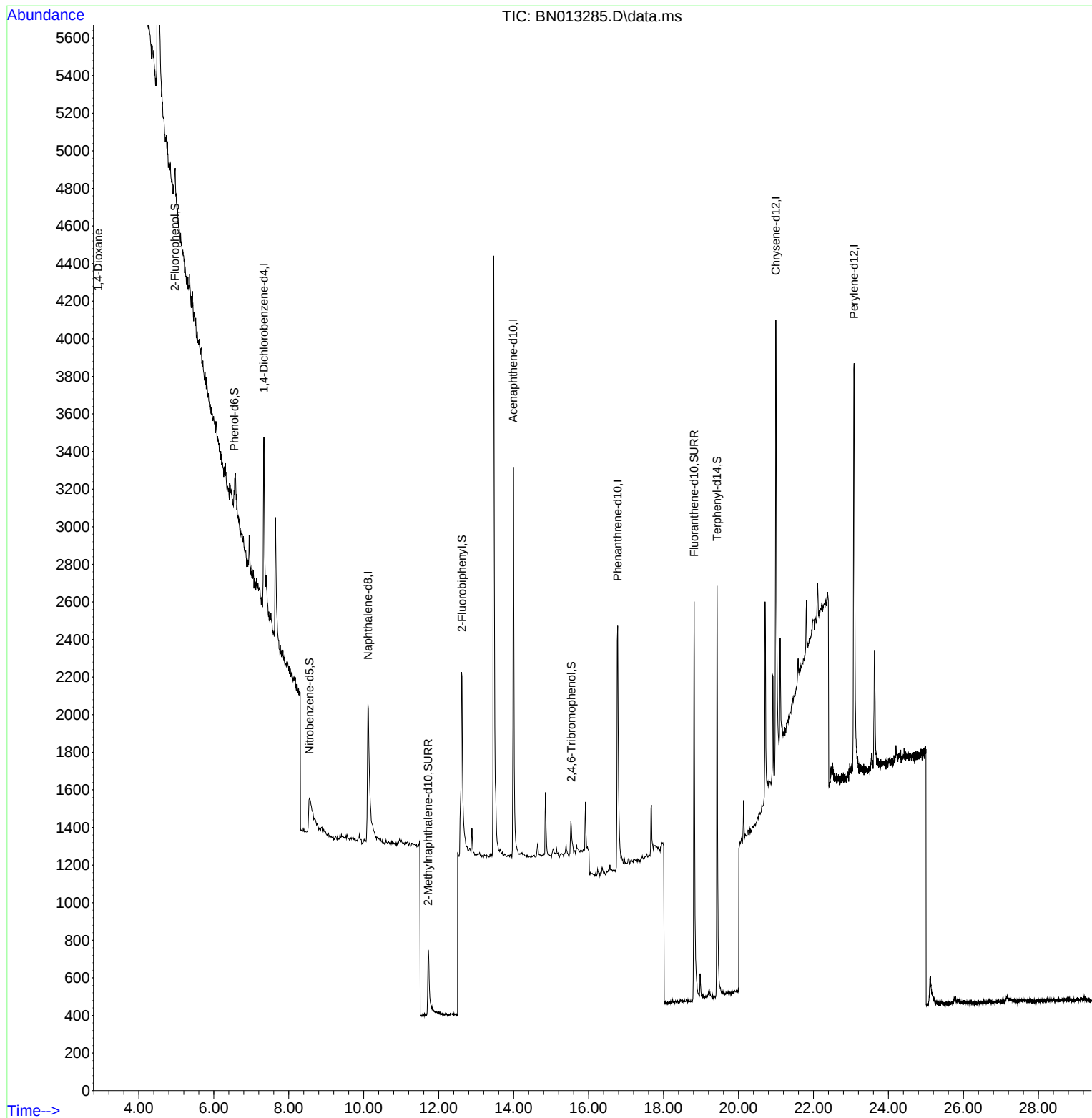
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	711	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2190	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1500	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3275	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3394	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	3665	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	253	0.09	ng	0.00
5) Phenol-d6	6.549	99	136	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	516	0.23	ng	0.05
11) 2-Methylnaphthalene-d10	11.719	152	965	0.25	ng	0.01
14) 2,4,6-Tribromophenol	15.539	330	201	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	1495	0.24	ng	0.01
27) Fluoranthene-d10	18.816	212	3673	0.34	ng	0.00
31) Terphenyl-d14	19.427	244	3039	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.916	88	4037	3.26	ng	96

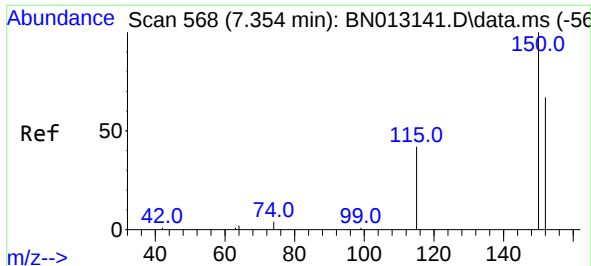
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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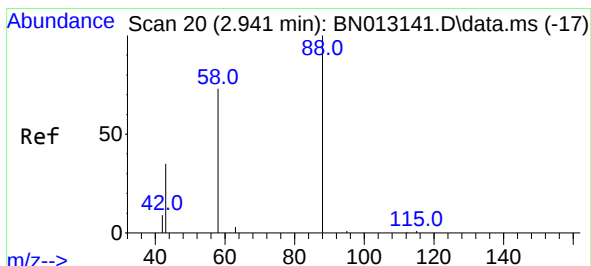
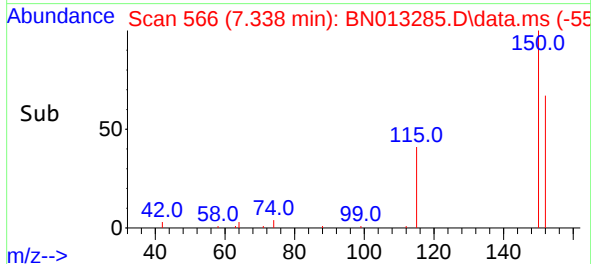
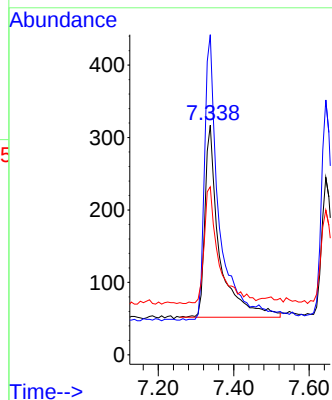
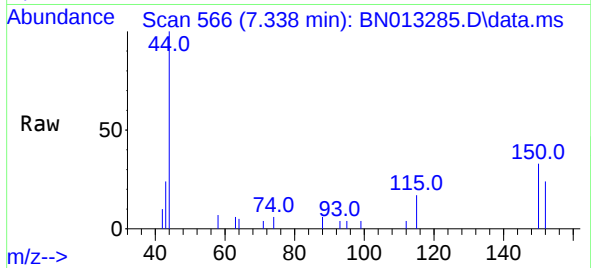




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

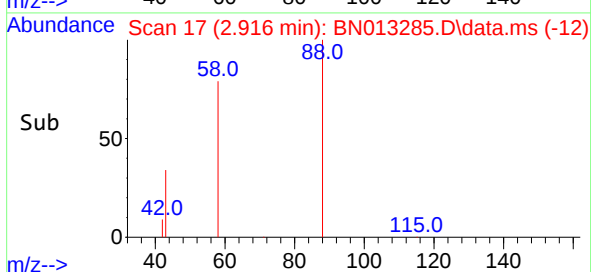
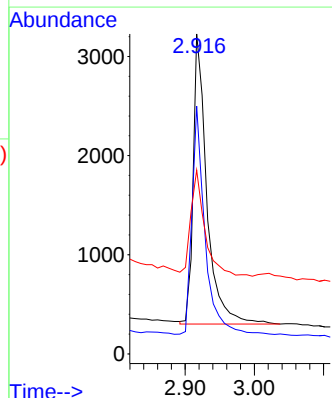
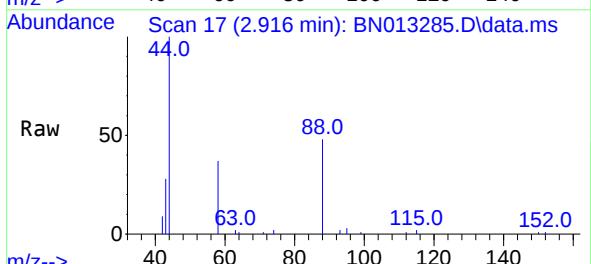
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BNA_N
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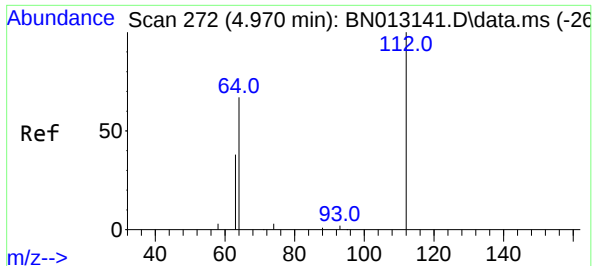
Tgt Ion:152 Resp: 711
Ion Ratio Lower Upper
152 100
150 139.4 116.6 174.8
115 73.2 52.9 79.3



#2
1,4-Dioxane
Concen: 3.26 ng
RT: 2.916 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion: 88 Resp: 4037
Ion Ratio Lower Upper
88 100
58 77.3 59.4 89.2
43 38.2 32.3 48.5

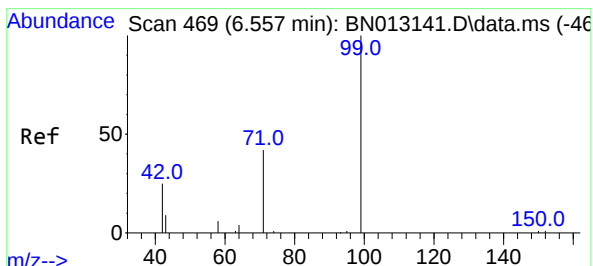
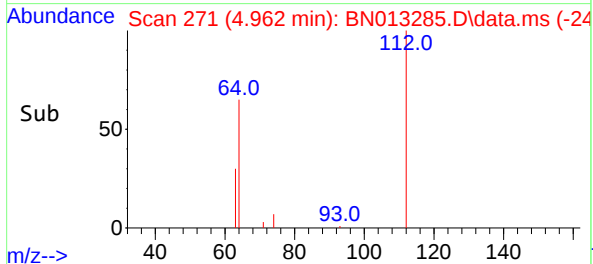
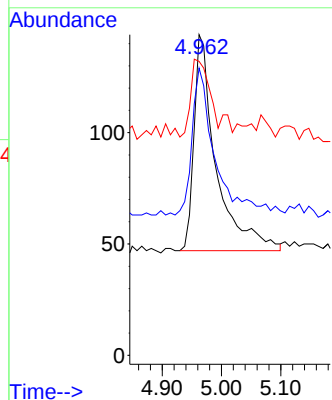
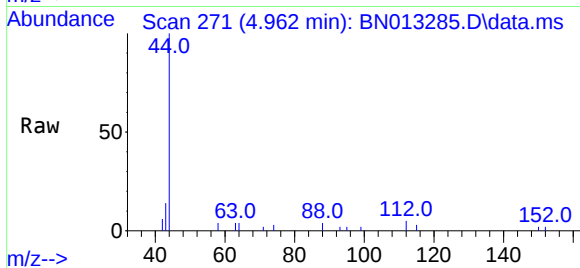




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

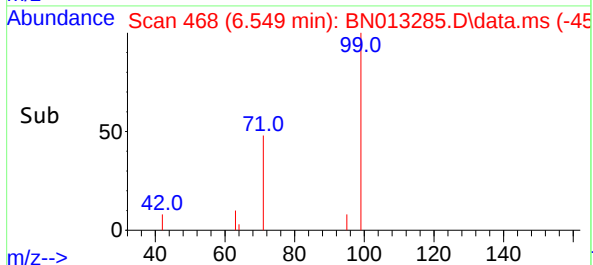
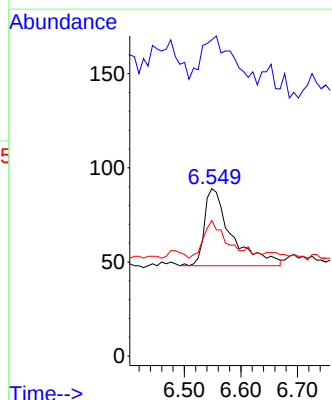
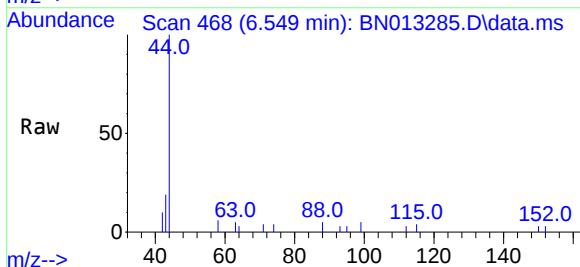
Instrument :
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ClientSampleId :
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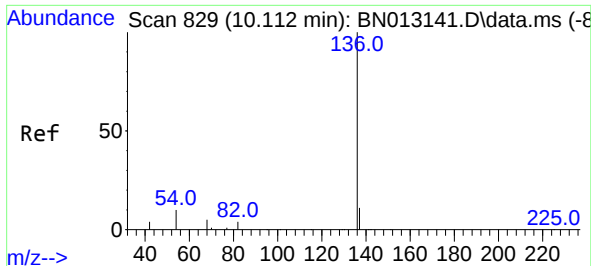
Tgt Ion:112 Resp: 253
Ion Ratio Lower Upper
112 100
64 70.4 49.5 74.3
63 41.1 32.0 48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion: 99 Resp: 136
Ion Ratio Lower Upper
99 100
42 75.0 22.4 33.6#
71 44.1 37.8 56.6

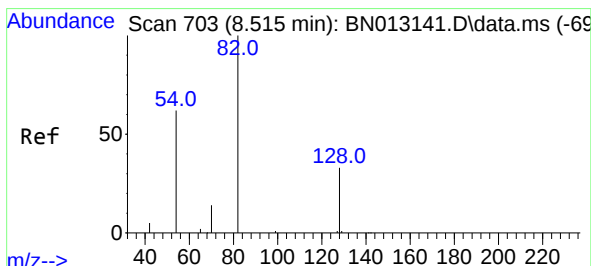
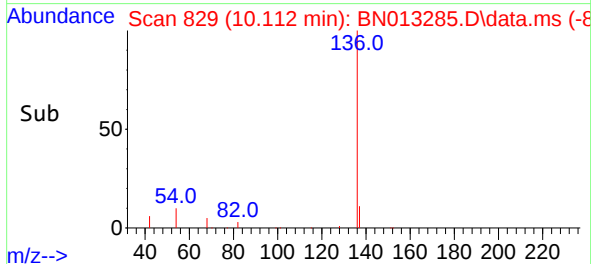
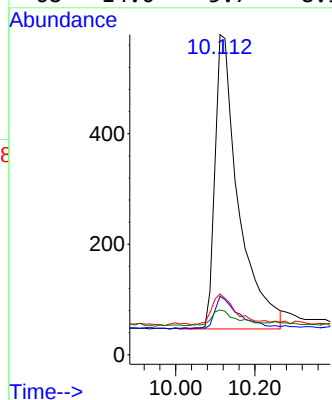
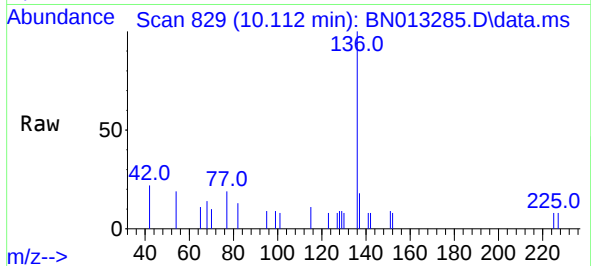




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

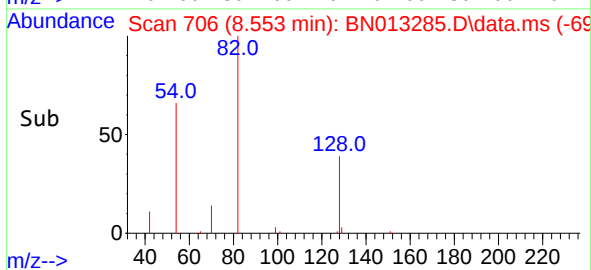
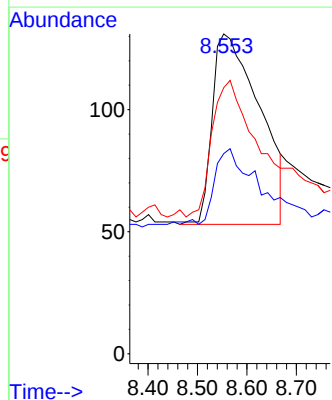
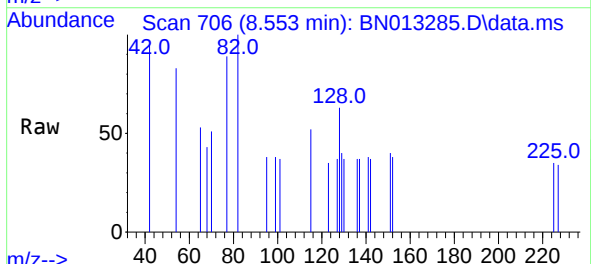
Instrument :
BNA_N
ClientSampleId :
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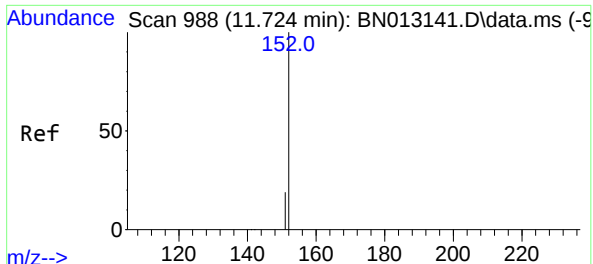
Tgt Ion:	136	Resp:	2190
Ion	Ratio	Lower	Upper
136	100		
137	18.3	10.6	15.8#
54	19.0	8.6	12.8#
68	14.0	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:	82	Resp:	516
Ion	Ratio	Lower	Upper
82	100		
128	62.6	30.6	46.0#
54	83.2	48.3	72.5#

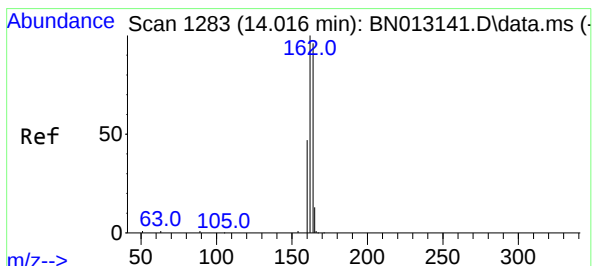
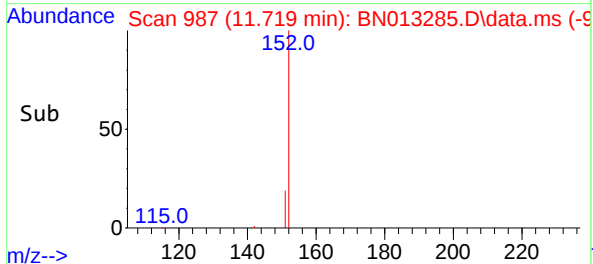
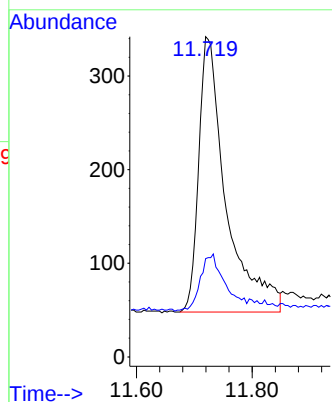
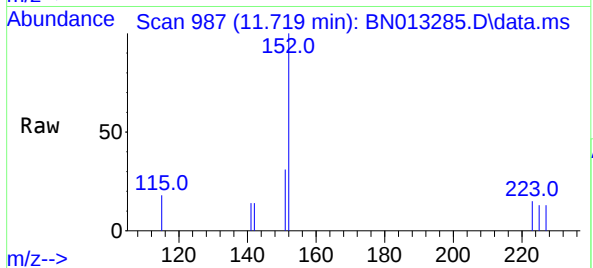




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

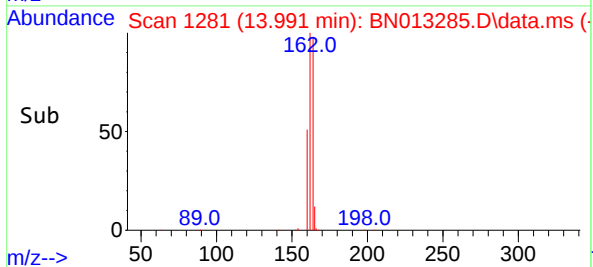
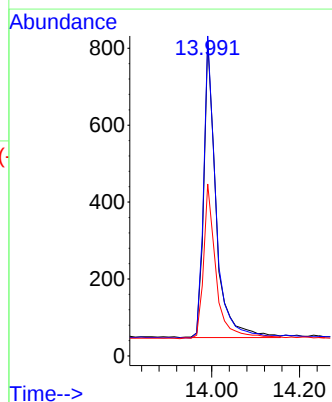
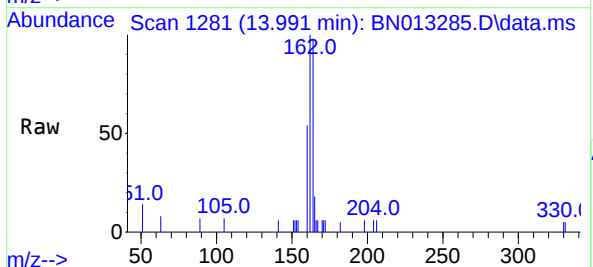
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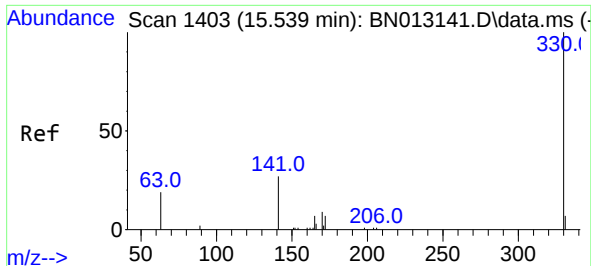
Tgt Ion:152 Resp: 965
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:164 Resp: 1500
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 54.6 39.5 59.3

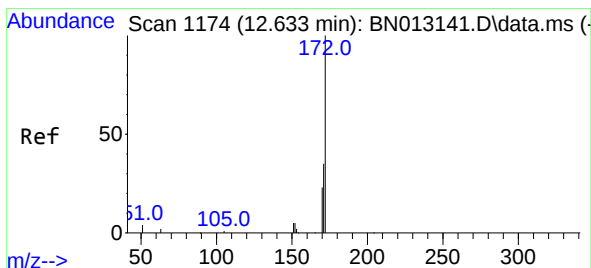
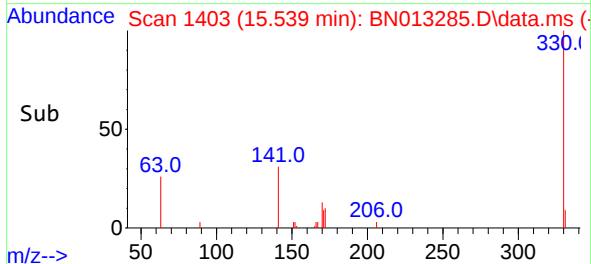
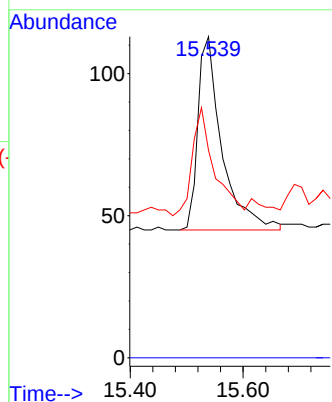
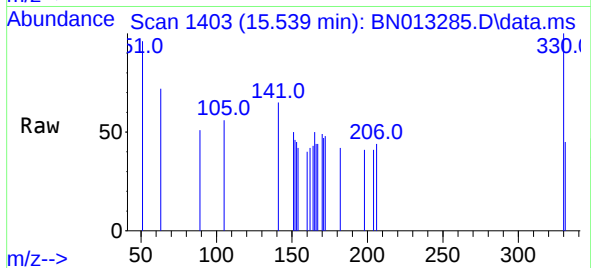




#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

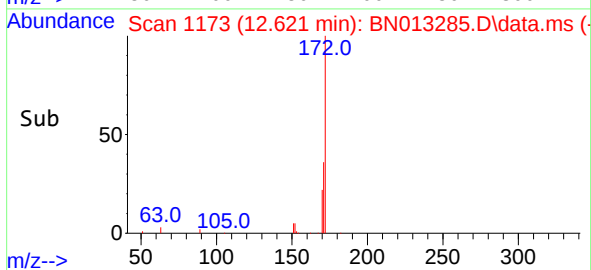
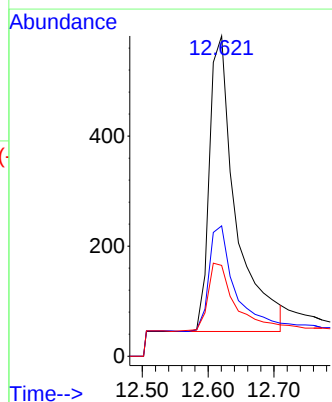
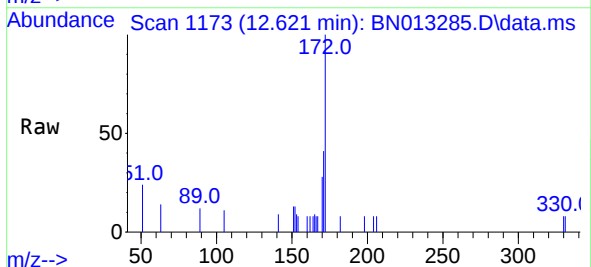
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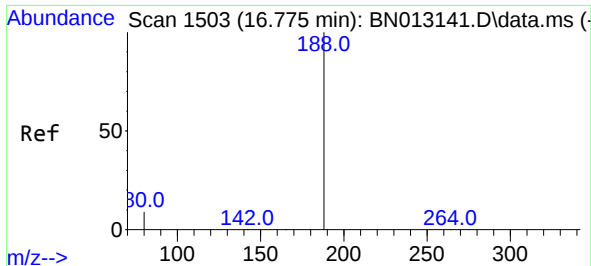
Tgt Ion:330 Resp: 201
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.2 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:172 Resp: 1495
Ion Ratio Lower Upper
172 100
171 40.7 28.2 42.4
170 28.4 20.0 30.0

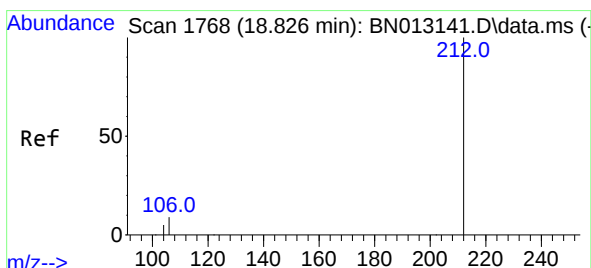
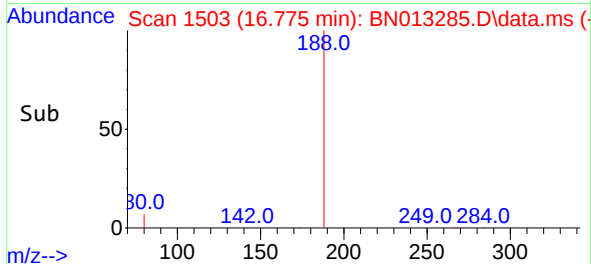
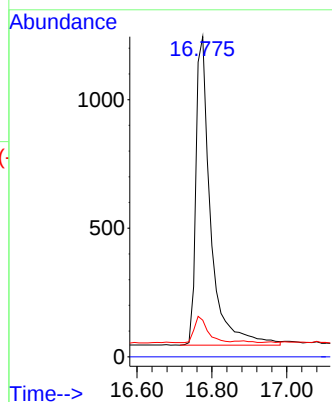
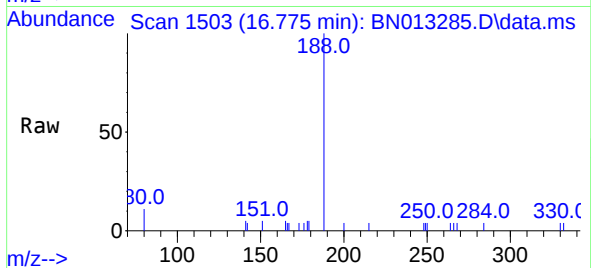




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

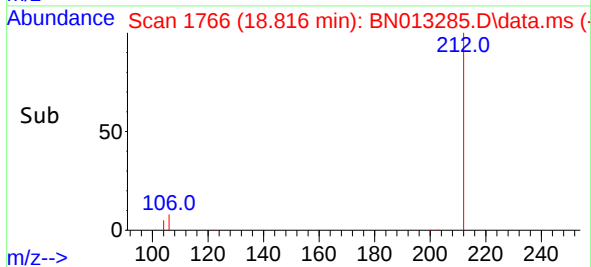
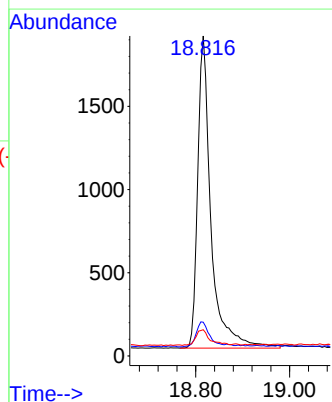
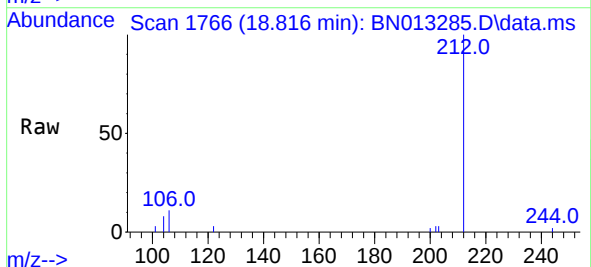
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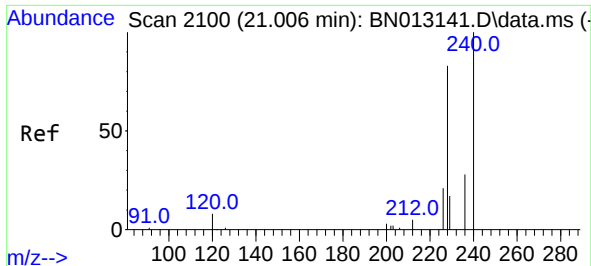
Tgt Ion:188	Resp:	3275
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.4	5.0



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:212	Resp:	3673
Ion Ratio	Lower	Upper
212	100	
106	7.9	6.8
104	5.4	4.1

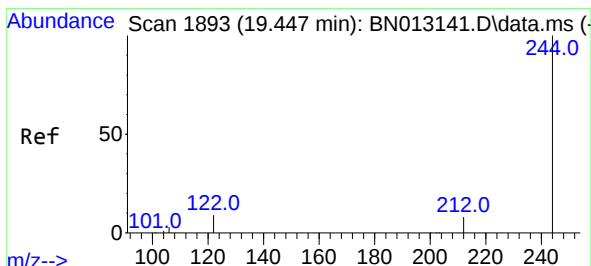
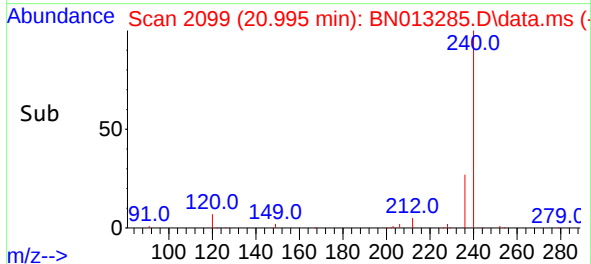
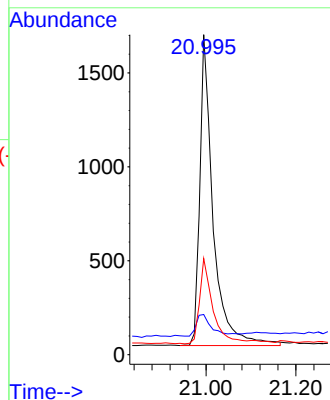
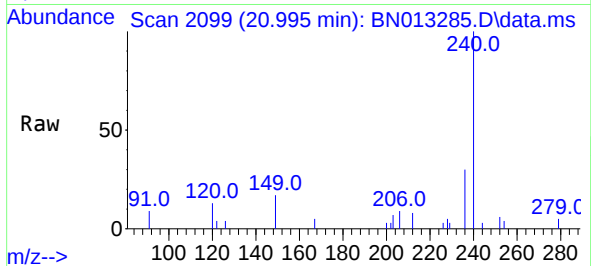




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

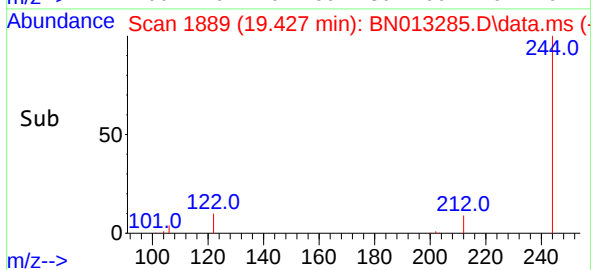
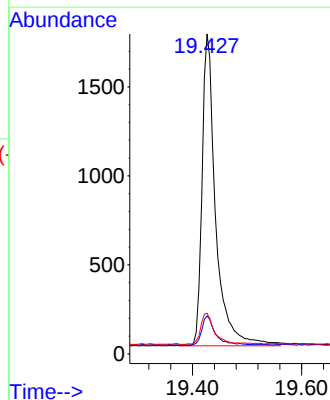
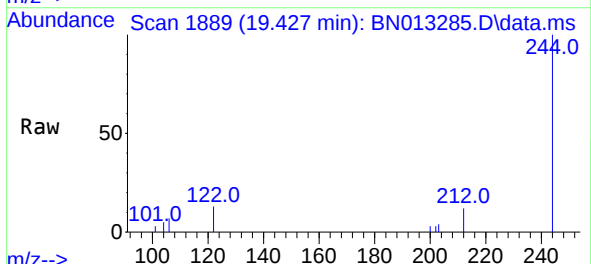
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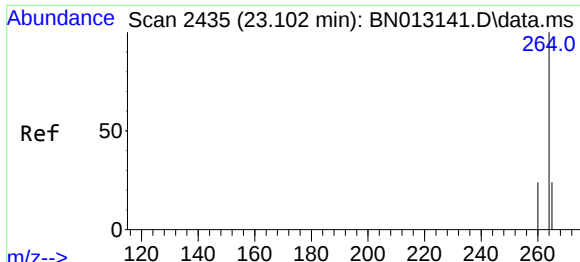
Tgt Ion:240 Resp: 3394
Ion Ratio Lower Upper
240 100
120 12.6 5.3 7.9#
236 30.0 21.8 32.8



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.427 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

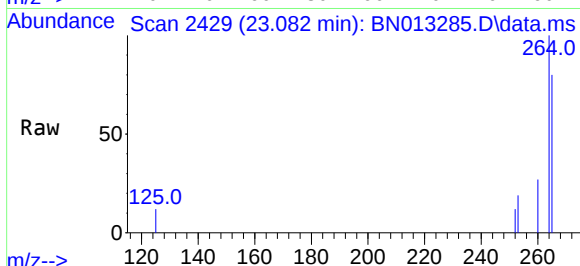
Tgt Ion:244 Resp: 3039
Ion Ratio Lower Upper
244 100
212 11.9 7.3 10.9#
122 12.7 7.3 10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.082 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Instrument :
BNA_N
ClientSampleId :
RE109D2-20201211



Tgt Ion:	264	Resp:	3665
Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.8	29.6
265	80.4	51.4	77.0#

