

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014164.D
 Acq On : 01 Apr 2021 05:39
 Operator : CG/JU
 Sample : M1842-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20210324

Quant Time: Apr 01 06:16:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

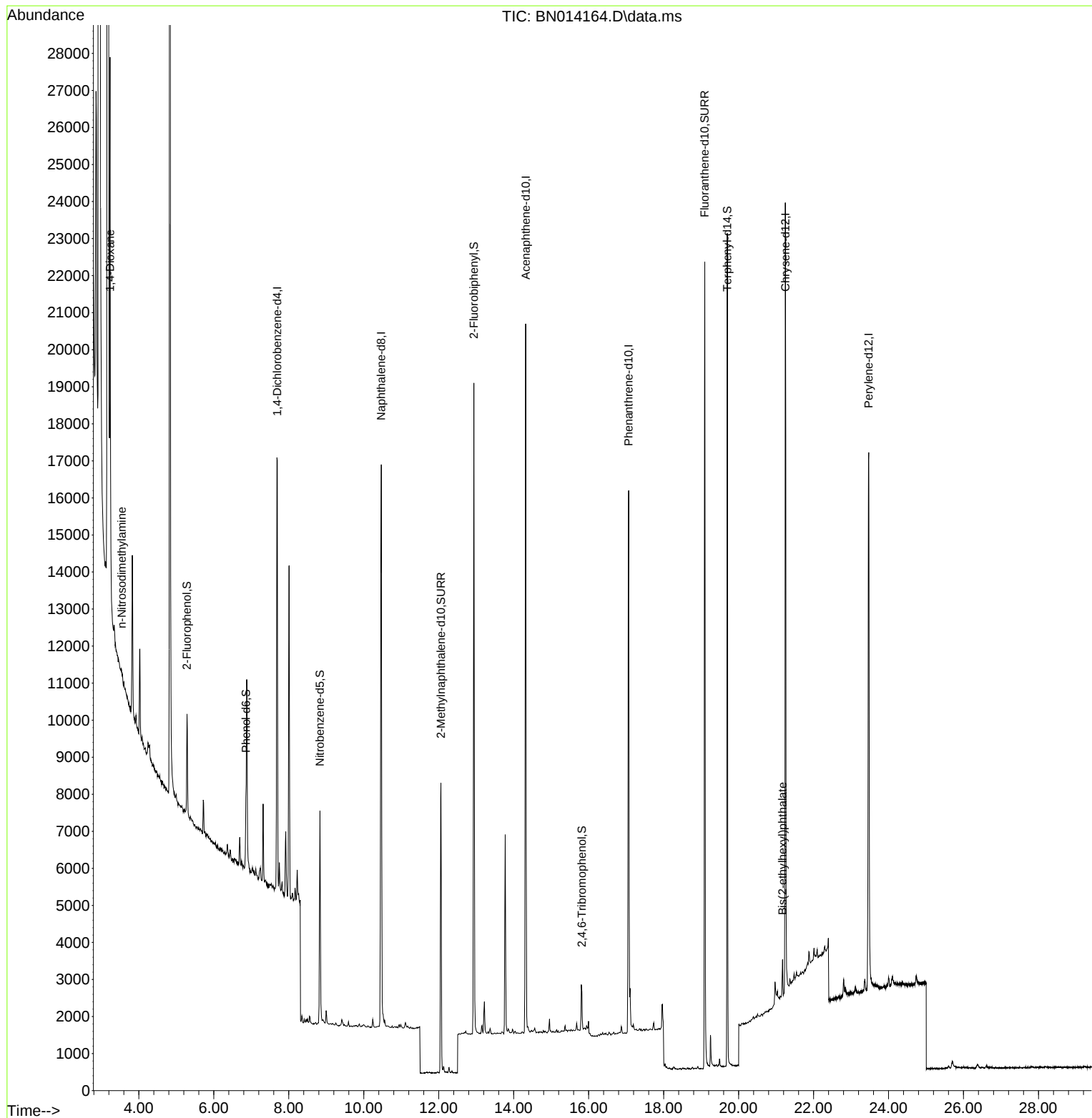
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5754	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	21045	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	10983	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	21551	0.40	ng	0.00
29) Chrysene-d12	21.247	240	20761	0.40	ng	0.00
36) Perylene-d12	23.469	264	20009	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2085	0.14	ng	0.00
5) Phenol-d6	6.855	99	1503	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4638	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.058	152	10699	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1008	0.29	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	14732	0.36	ng	0.00
27) Fluoranthene-d10	19.096	212	24783	0.44	ng	0.00
31) Terphenyl-d14	19.697	244	22058	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	8191	1.11	ng	Qvalue # 89
3) n-Nitrosodimethylamine	3.545	42	234	0.04	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.173	149	1009	0.06	ng	# 97

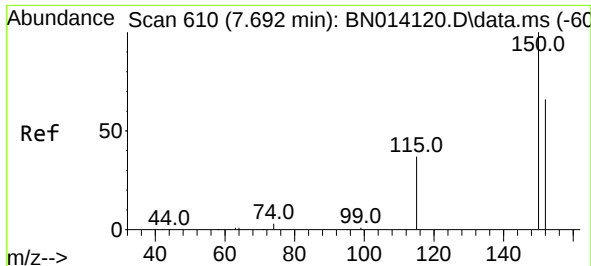
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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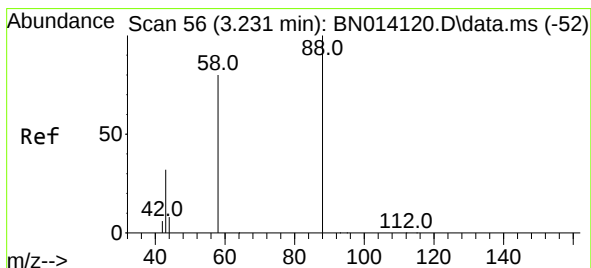
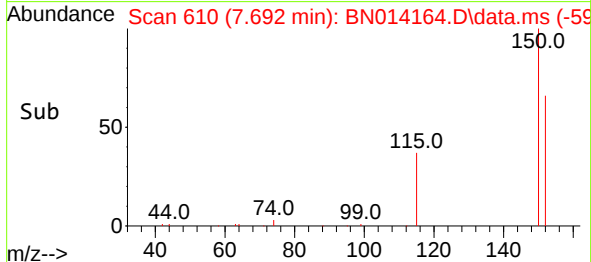
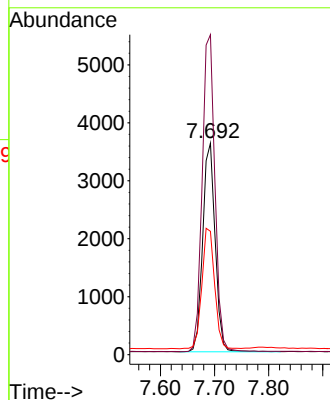
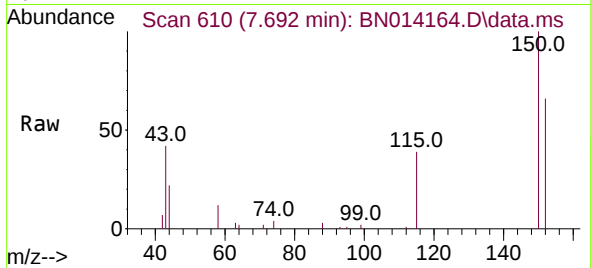




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014164.D
 Acq: 01 Apr 2021 05:39

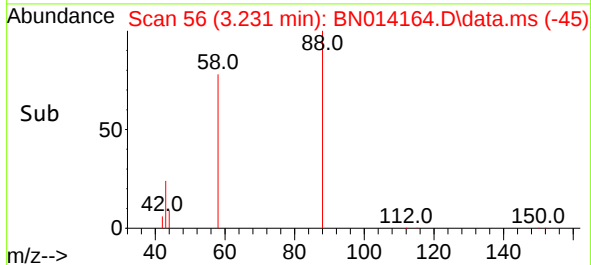
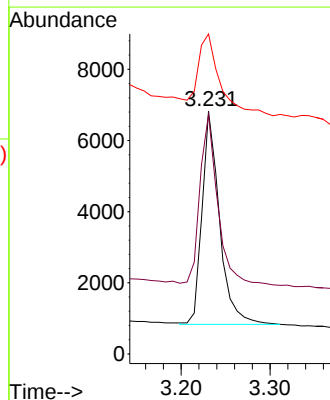
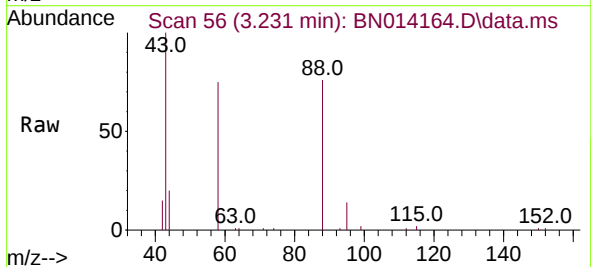
Instrument :
 BNA_N
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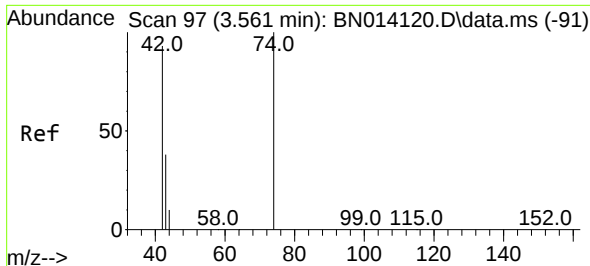
Tgt Ion:152 Resp: 5754
 Ion Ratio Lower Upper
 152 100
 150 151.3 121.2 181.8
 115 58.3 46.2 69.2



#2
 1,4-Dioxane
 Concen: 1.11 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014164.D
 Acq: 01 Apr 2021 05:39

Tgt Ion: 88 Resp: 8191
 Ion Ratio Lower Upper
 88 100
 58 82.3 63.1 94.7
 43 48.7 26.2 39.2#

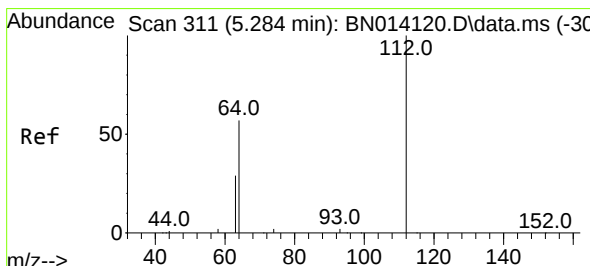
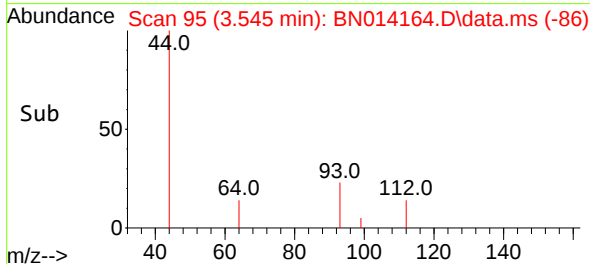
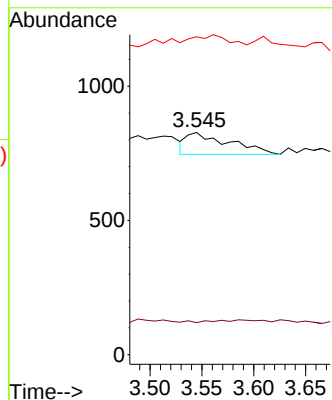
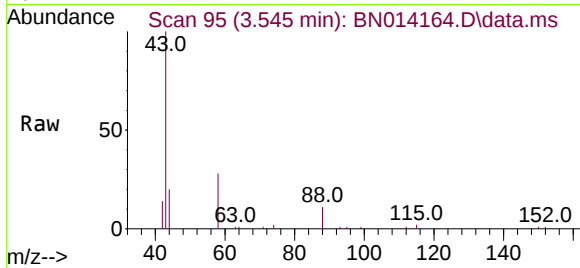




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.545 min Scan# 95
Delta R.T. -0.024 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

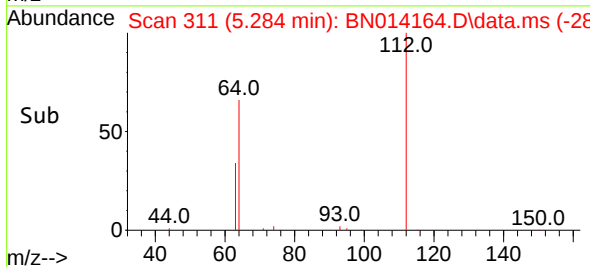
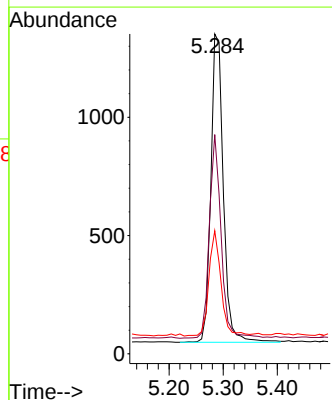
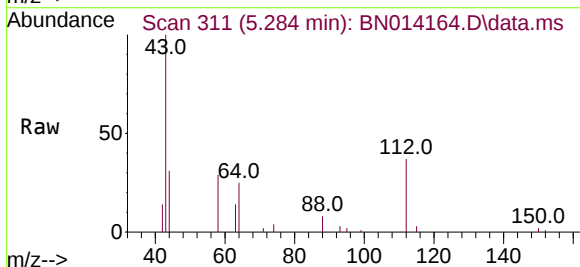
Instrument :
BNA_N
ClientSampleId :
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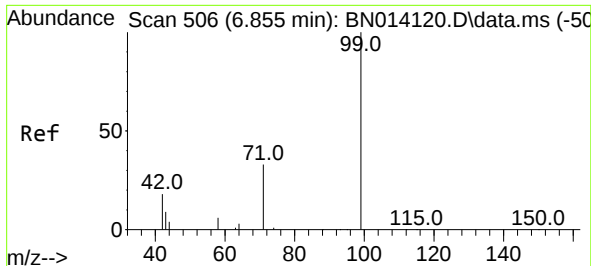
Tgt Ion: 42 Resp: 234
Ion Ratio Lower Upper
42 100
74 0.0 94.6 141.8#
44 55.1 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

Tgt Ion: 112 Resp: 2085
Ion Ratio Lower Upper
112 100
64 62.3 48.3 72.5
63 32.2 25.4 38.0

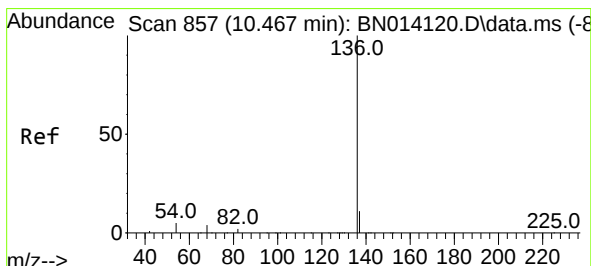
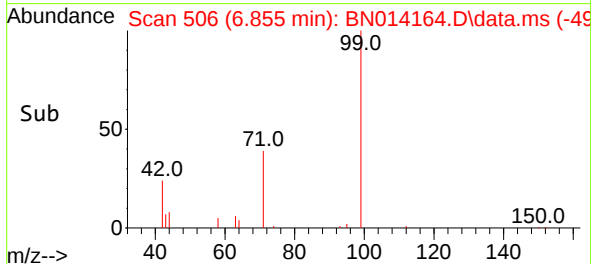
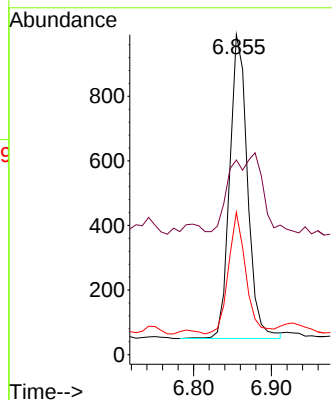
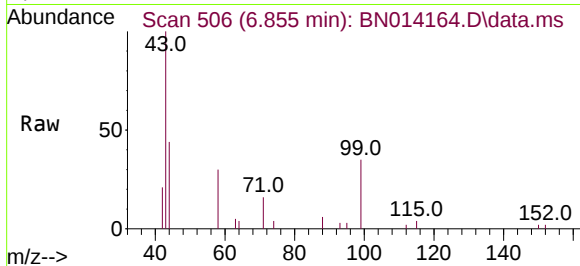




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

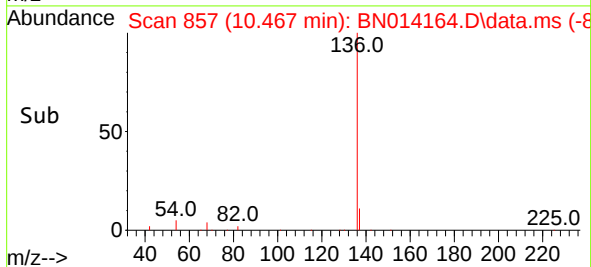
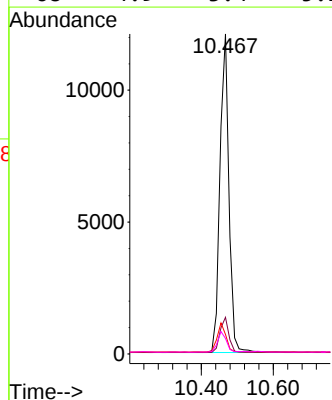
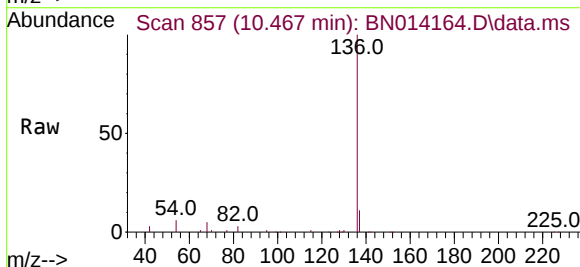
Instrument :
BNA_N
ClientSampleId :
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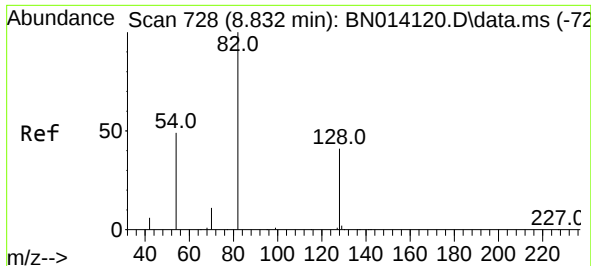
Tgt Ion: 99 Resp: 1503
Ion Ratio Lower Upper
99 100
42 0.0 18.2 27.4#
71 39.3 26.7 40.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

Tgt Ion:136 Resp: 21045
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 6.1 4.3 6.5
68 4.9 3.4 5.2

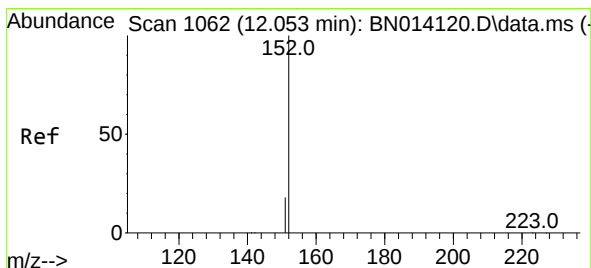
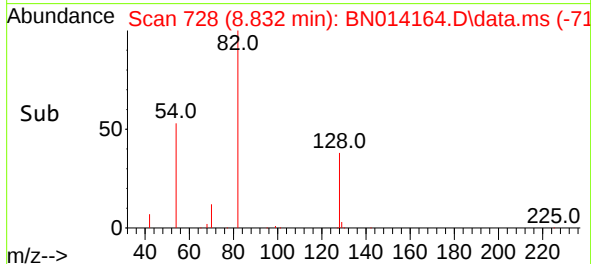
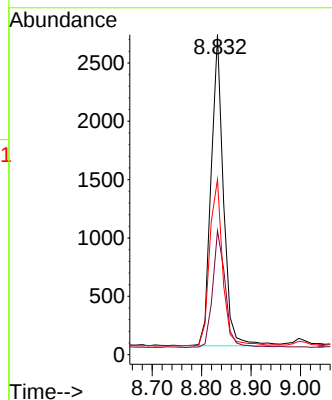
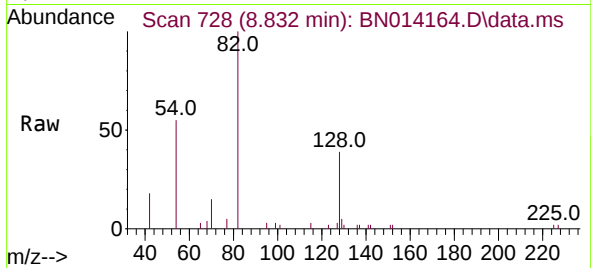




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.832 min Scan# 728
Delta R.T. 0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

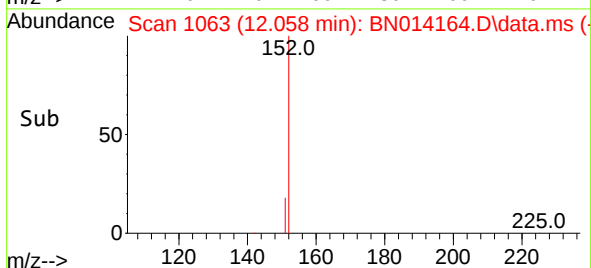
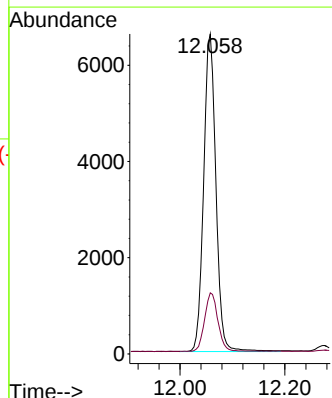
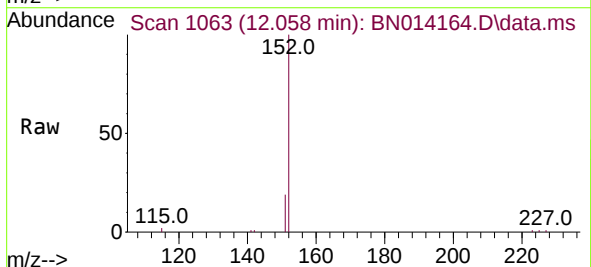
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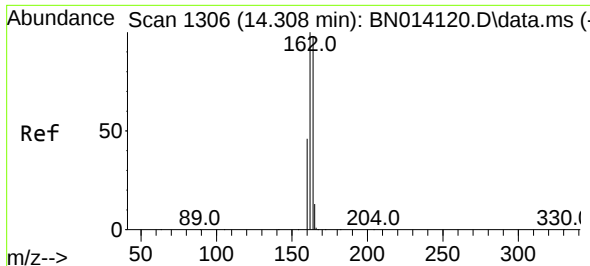
Tgt Ion:	82	Resp:	4638
Ion Ratio	Lower	Upper	
82	100		
128	38.7	33.5	50.3
54	54.8	40.3	60.5



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.058 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

Tgt Ion:	152	Resp:	10699
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.1	24.1

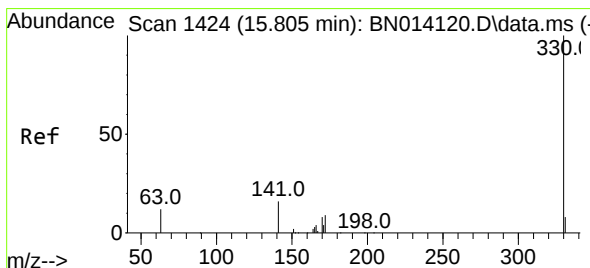
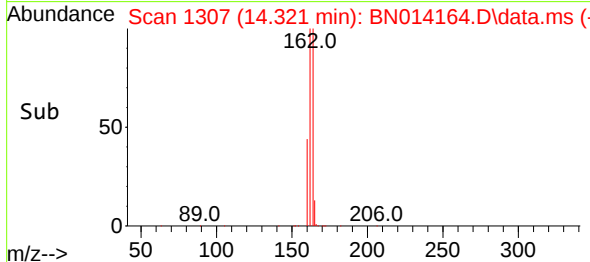
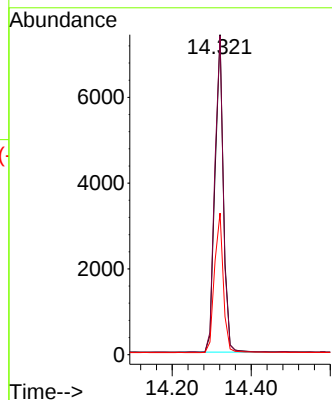
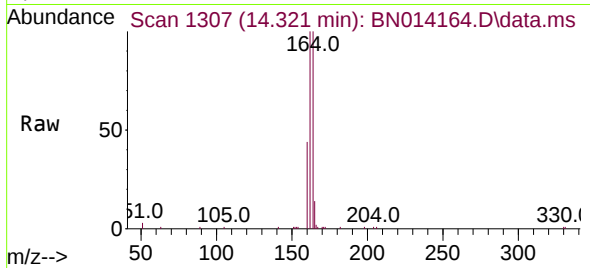




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

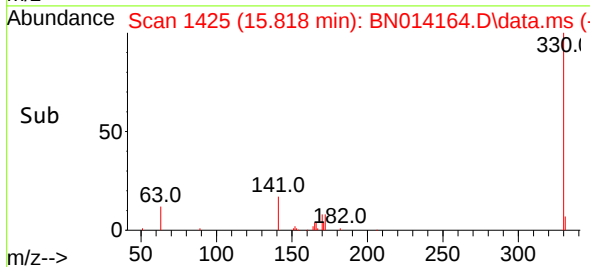
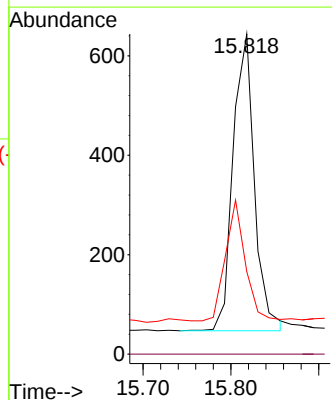
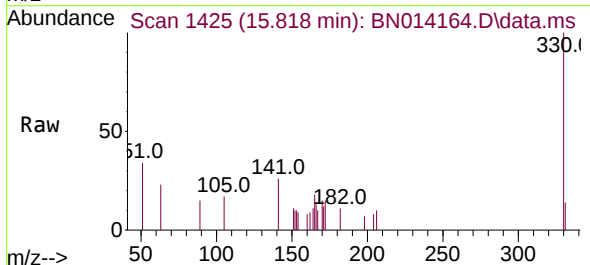
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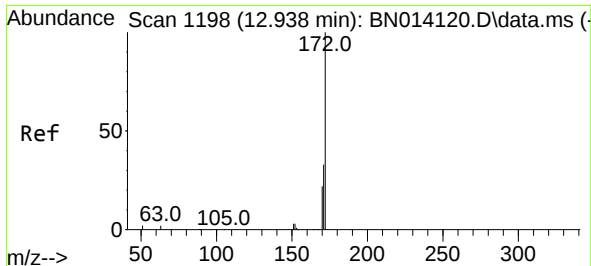
Tgt Ion:164 Resp: 10983
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.2
160 44.3 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

Tgt Ion:330 Resp: 1008
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.5 31.2 46.8

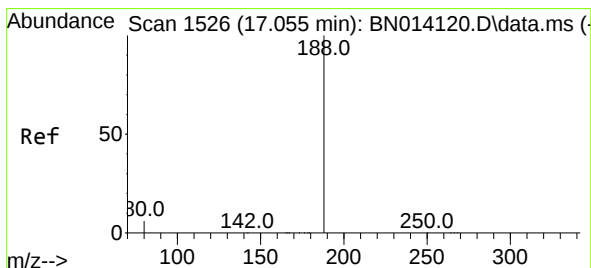
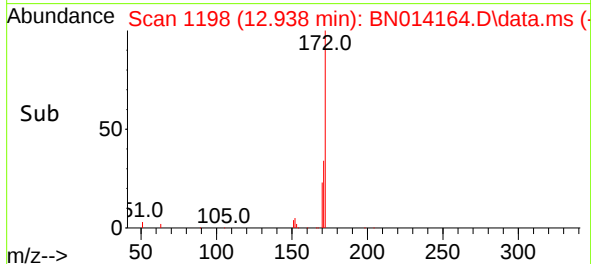
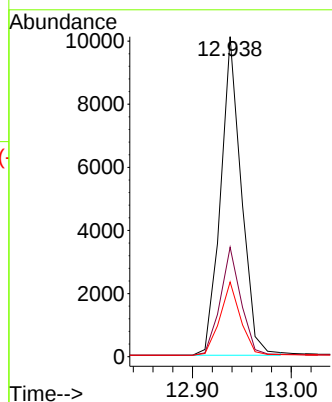
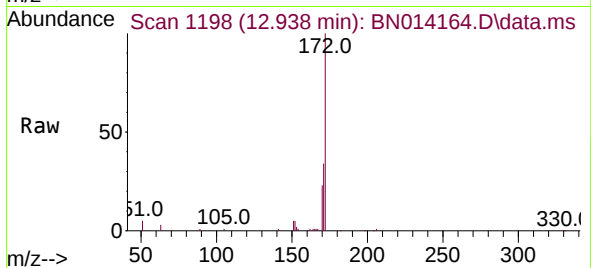




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

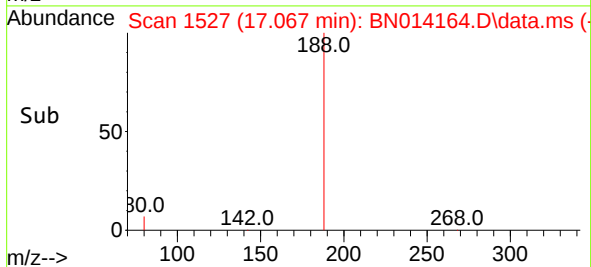
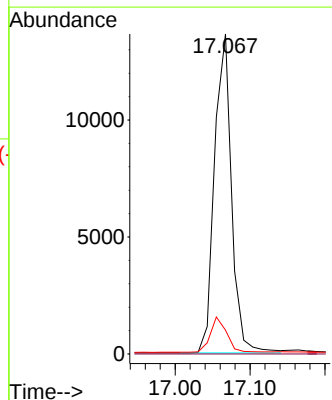
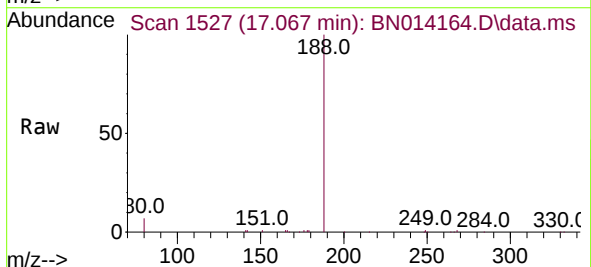
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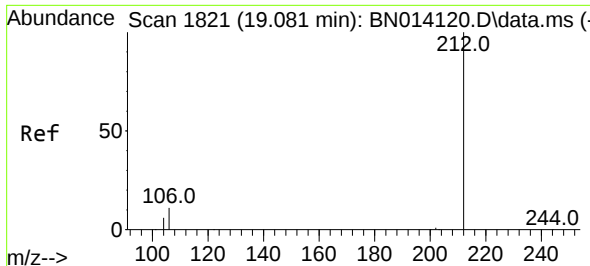
Tgt Ion:172	Resp:	14732
Ion Ratio	Lower	Upper
172	100	
171	34.2	26.9 40.3
170	23.4	17.8 26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

Tgt Ion:188	Resp:	21551
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.5	5.2 7.8

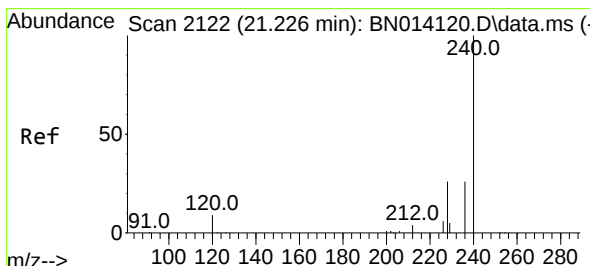
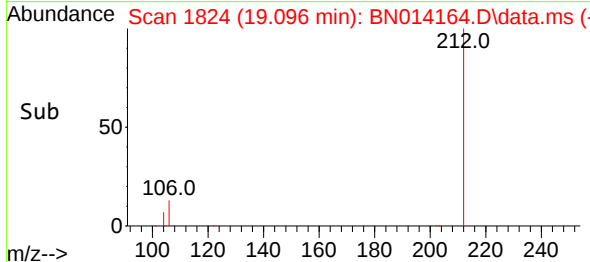
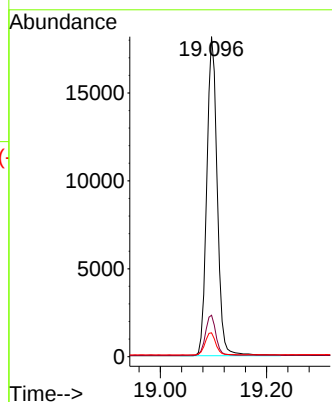
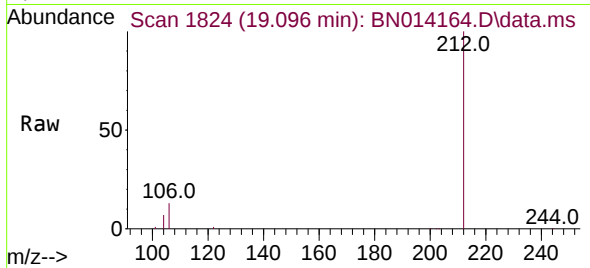




#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

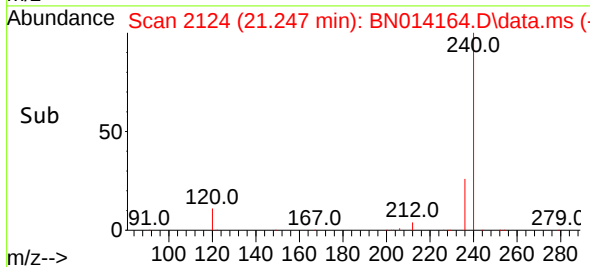
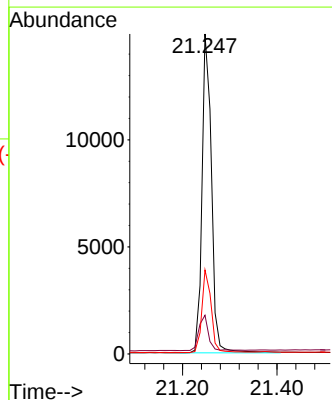
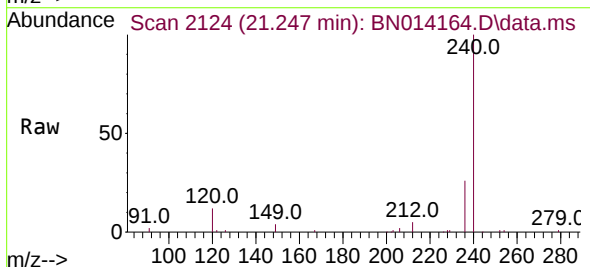
Instrument :
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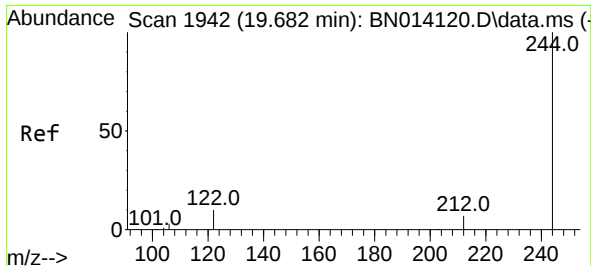
Tgt Ion:212 Resp: 24783
Ion Ratio Lower Upper
212 100
106 12.6 10.1 15.1
104 7.1 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

Tgt Ion:240 Resp: 20761
Ion Ratio Lower Upper
240 100
120 12.1 8.4 12.6
236 26.3 21.0 31.6

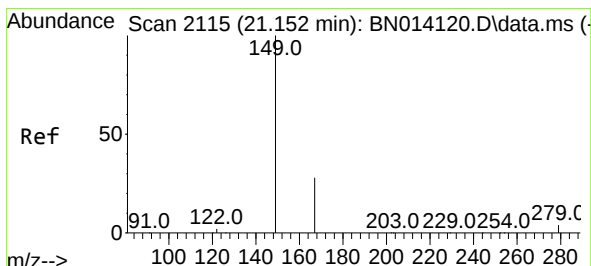
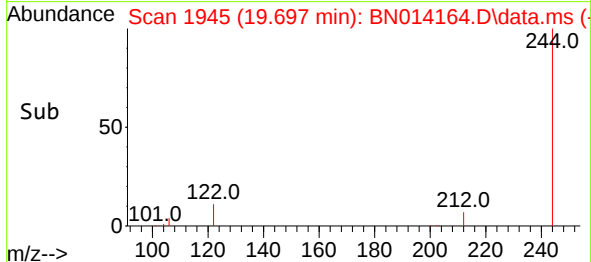
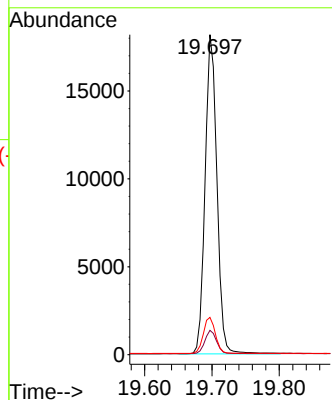
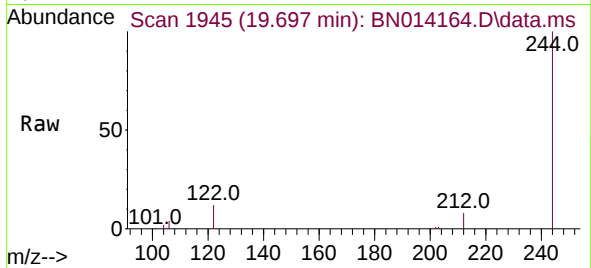




#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.697 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

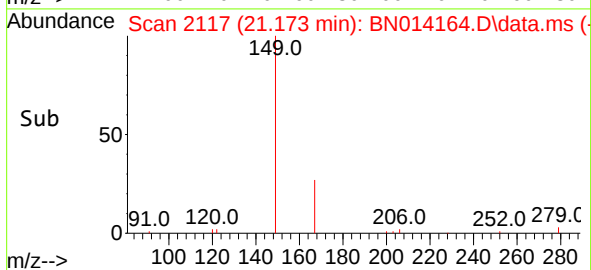
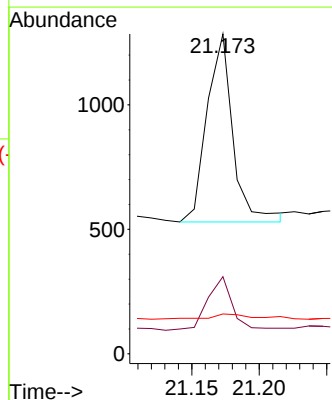
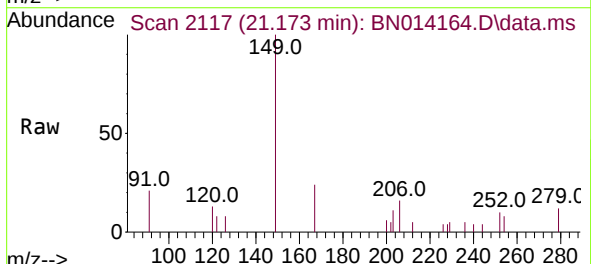
Instrument :
BNA_N
ClientSampleId :
RE139D1-20210324

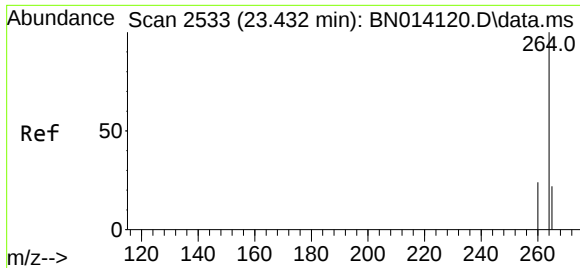
Tgt Ion:244 Resp: 22058
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 11.7 8.6 13.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN014164.D
Acq: 01 Apr 2021 05:39

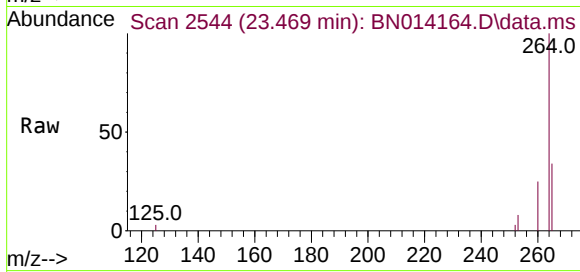
Tgt Ion:149 Resp: 1009
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.2
279 9.8 3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.469 min Scan# 2544
 Delta R.T. 0.003 min
 Lab File: BN014164.D
 Acq: 01 Apr 2021 05:39

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20210324



Tgt Ion:264 Resp: 20009

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	33.8	30.7	46.1

