

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
 Data File : BN011899.D
 Acq On : 24 Sep 2020 04:28
 Operator : CG/JU
 Sample : L4083-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20200916

Quant Time: Sep 24 05:05:22 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 18:41:41 2020
 Response via : Initial Calibration

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

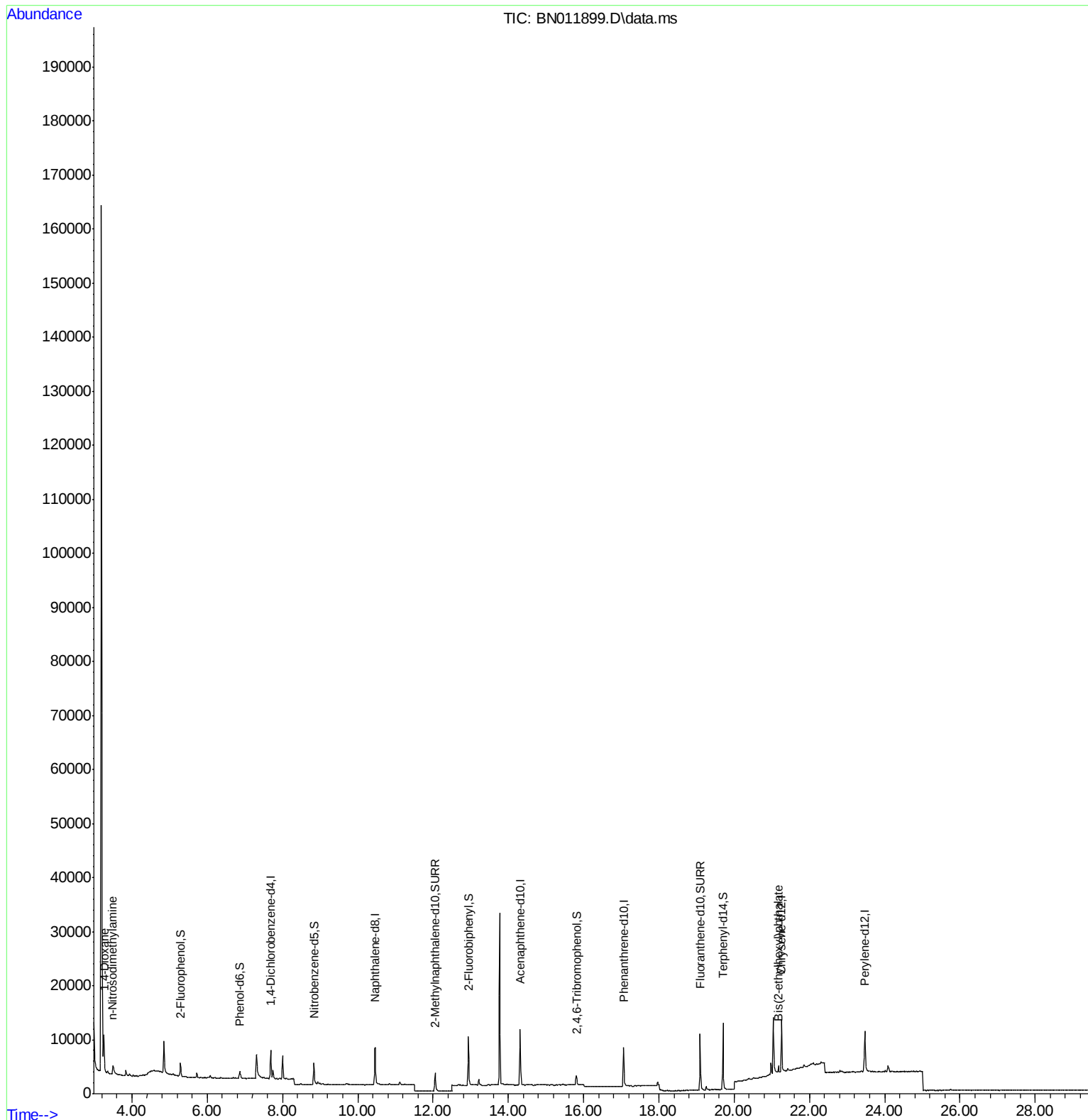
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.691	152	2695	0.40	ng	0.00
7) Naphthalene-d8	10.466	136	11183	0.40	ng	# 0.00
13) Acenaphthene-d10	14.319	164	6035	0.40	ng	0.00
19) Phenanthrene-d10	17.066	188	12135	0.40	ng	0.00
29) Chrysene-d12	21.259	240	10943	0.40	ng	#-0.01
36) Perylene-d12	23.470	264	11068	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1784	0.19	ng	0.00
5) Phenol-d6	6.862	99	1299	0.11	ng	0.00
8) Nitrobenzene-d5	8.831	82	3910	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.056	152	5557	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	1220	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	8231	0.36	ng	0.00
27) Fluoranthene-d10	19.097	212	12606	0.35	ng	0.00
31) Terphenyl-d14	19.703	244	12326	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3803	0.81	ng	# 88
3) n-Nitrosodimethylamine	3.495	42	537	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.174	149	1259	0.05	ng	92

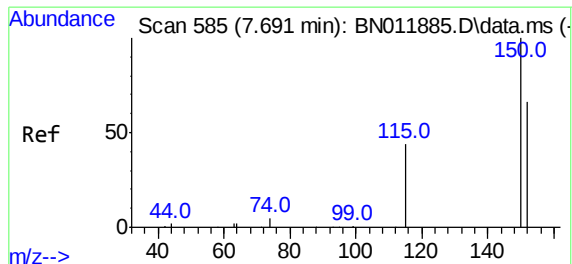
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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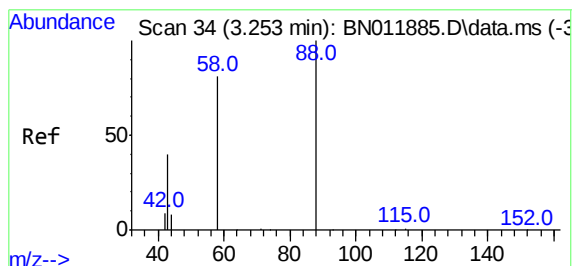
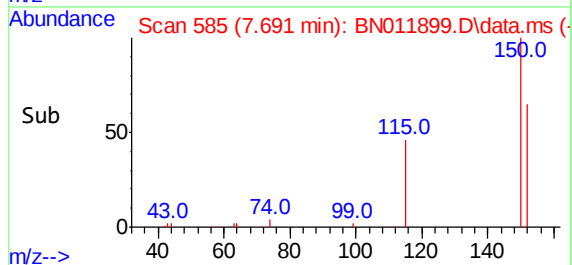
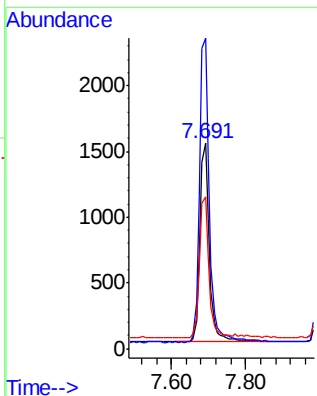
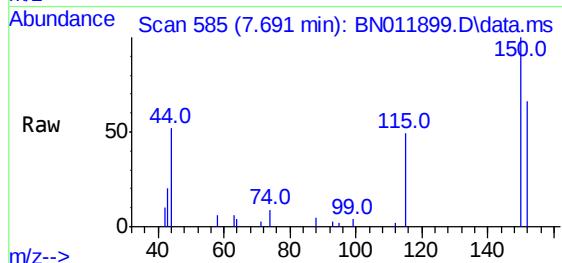




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.691 min Scan# 585
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

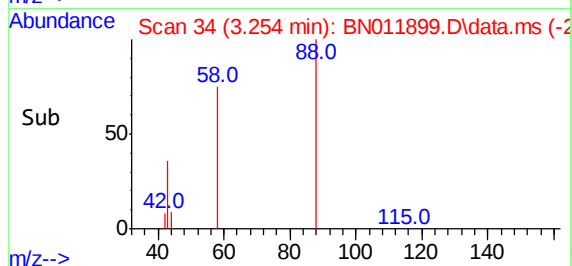
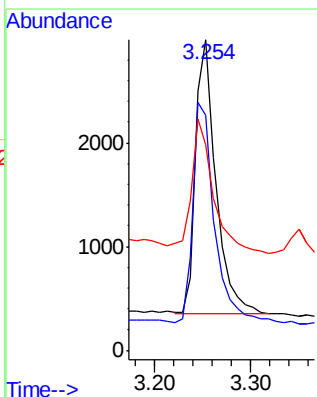
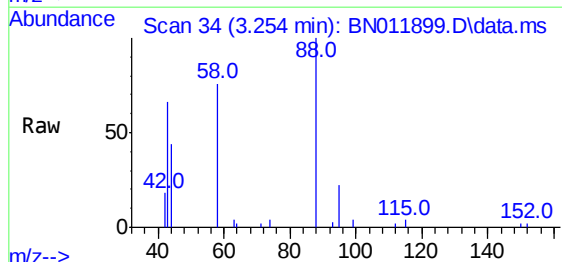
Instrument :
BNA_N
ClientSampleId :
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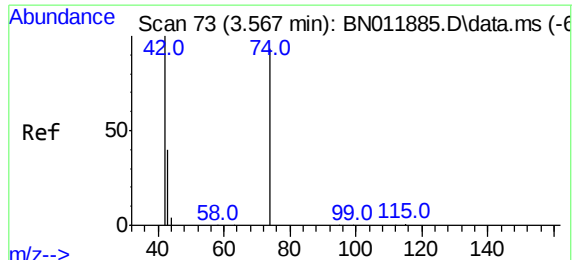
Tgt Ion:152 Resp: 2695
Ion Ratio Lower Upper
152 100
150 151.4 118.3 177.5
115 74.0 51.3 76.9



#2
1,4-Dioxane
Concen: 0.81 ng
RT: 3.254 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

Tgt Ion: 88 Resp: 3803
Ion Ratio Lower Upper
88 100
58 86.3 63.3 94.9
43 53.1 33.0 49.4#

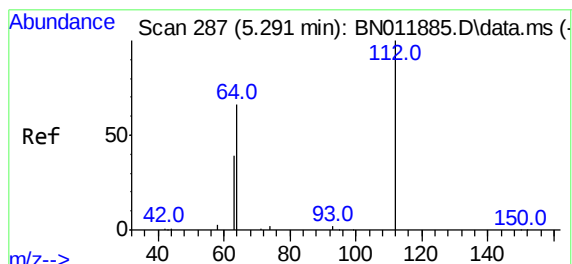
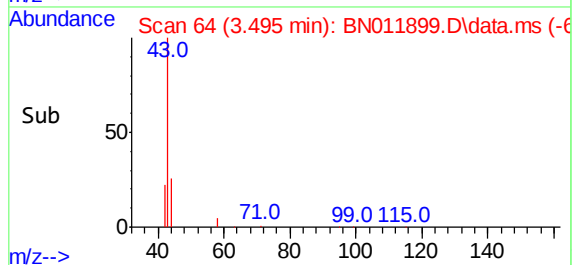
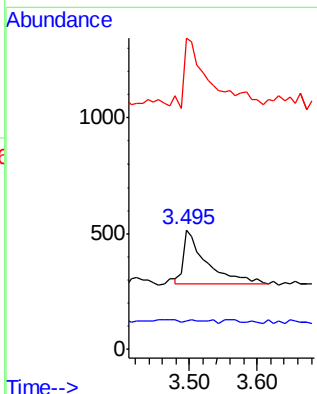
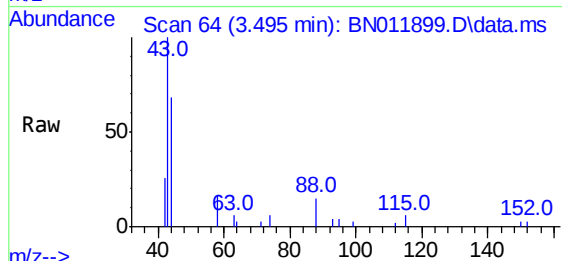




#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.495 min Scan# 64
Delta R.T. -0.072 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

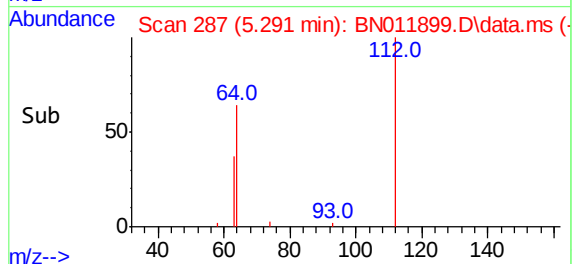
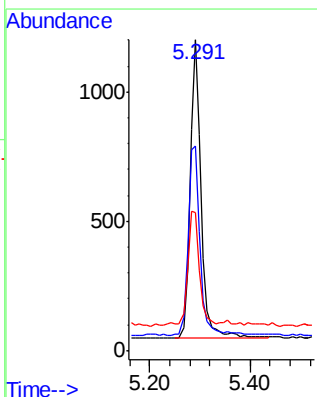
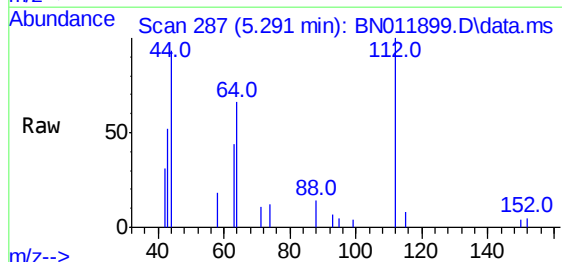
Instrument :
BNA_N
ClientSampleId :
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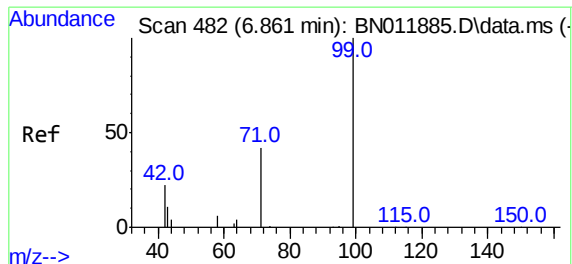
Tgt Ion: 42 Resp: 537
Ion Ratio Lower Upper
42 100
74 4.1 64.4 96.6#
44 152.9 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

Tgt Ion: 112 Resp: 1784
Ion Ratio Lower Upper
112 100
64 68.1 49.0 73.6
63 42.4 31.8 47.6

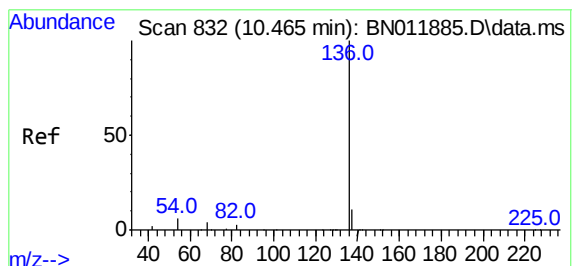
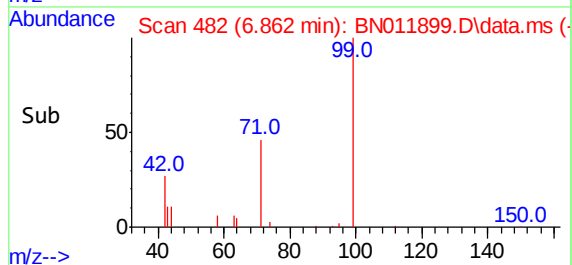
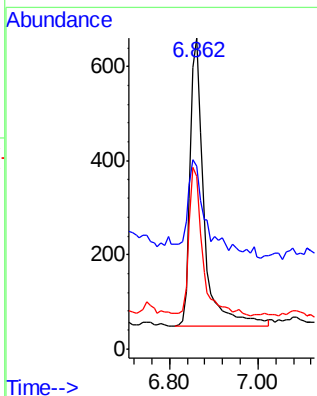
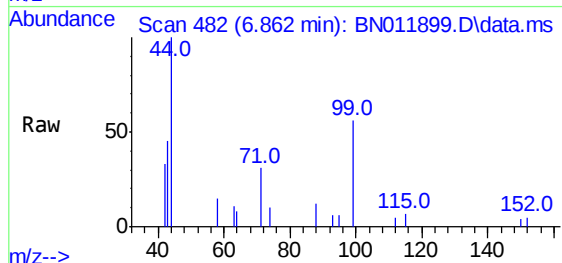




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.862 min Scan# 482
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

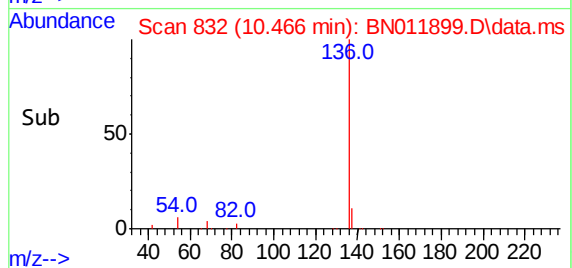
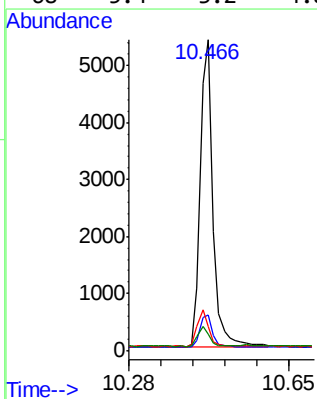
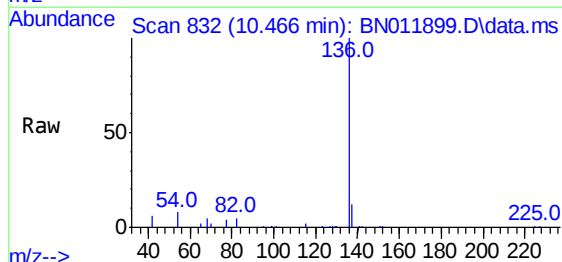
Instrument :
BNA_N
ClientSampleId :
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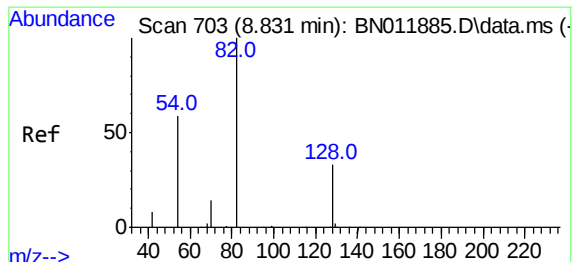
Tgt Ion: 99 Resp: 1299
Ion Ratio Lower Upper
99 100
42 35.1 23.4 35.0#
71 50.7 38.1 57.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.466 min Scan# 832
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

Tgt Ion:136 Resp: 11183
Ion Ratio Lower Upper
136 100
137 11.6 9.5 14.3
54 7.6 5.6 8.4
68 5.4 3.2 4.8#

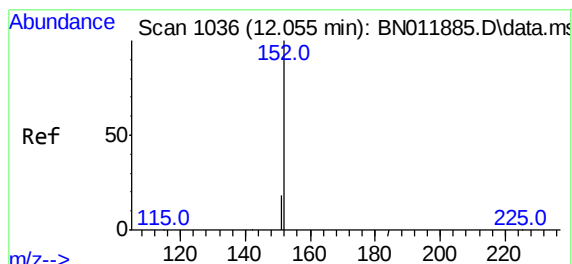
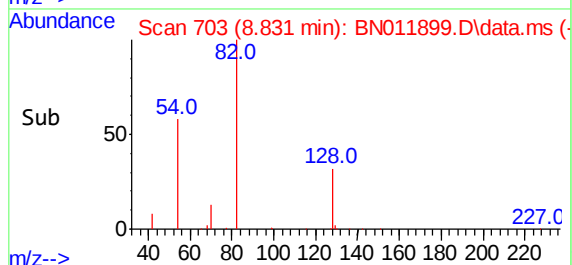
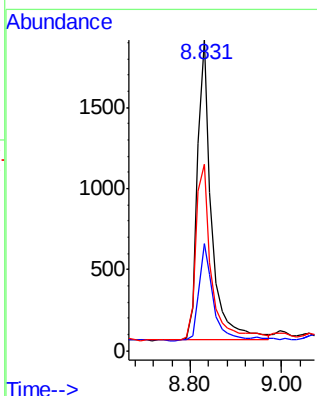
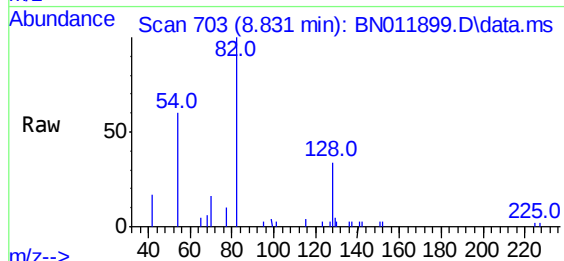




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

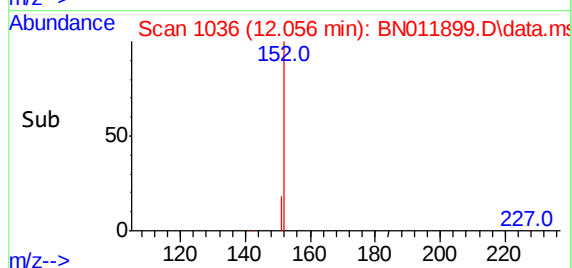
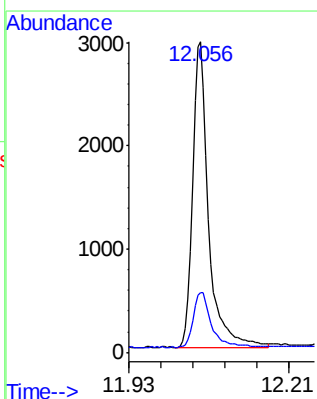
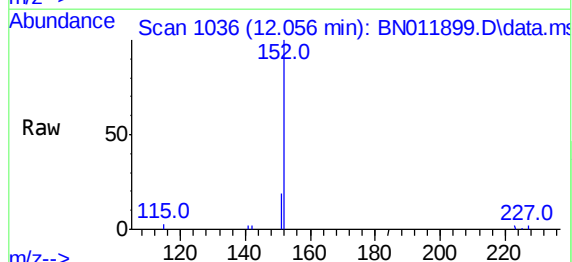
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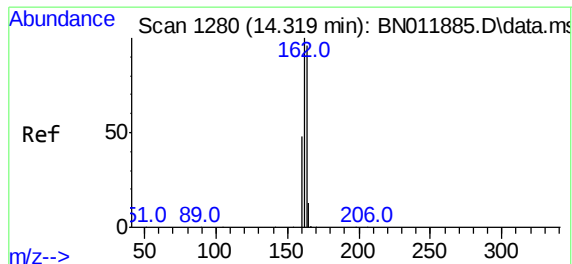
Tgt Ion: 82 Resp: 3910
Ion Ratio Lower Upper
82 100
128 34.5 34.2 51.2
54 59.8 43.1 64.7



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.056 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

Tgt Ion:152 Resp: 5557
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

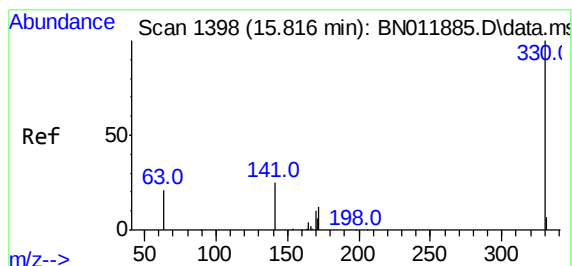
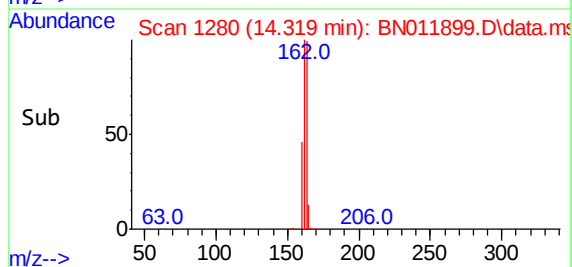
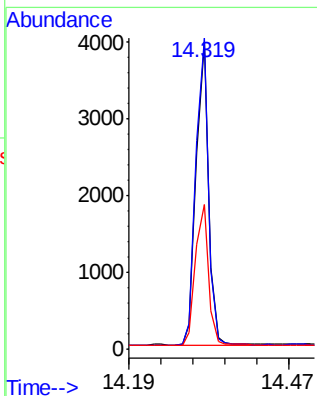
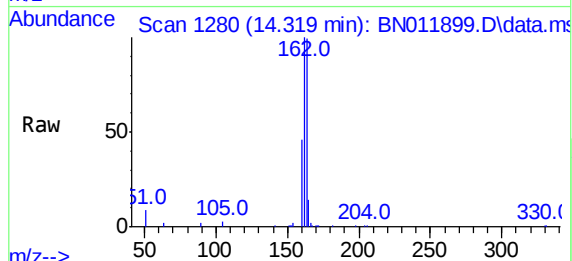




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

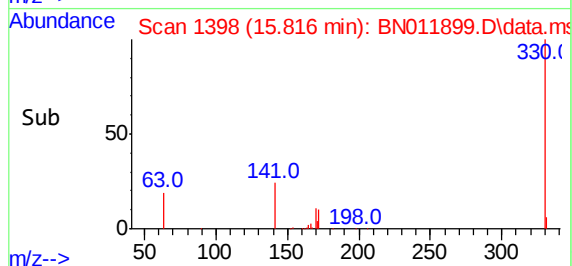
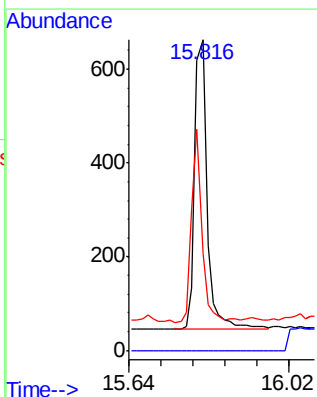
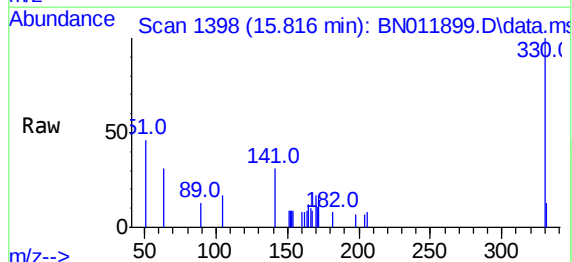
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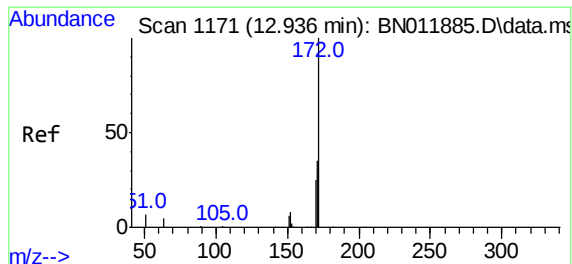
Tgt Ion:	164	Resp:	6035
Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.6	125.4
160	46.9	41.2	61.8



#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

Tgt Ion:	330	Resp:	1220
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.6	33.7	50.5

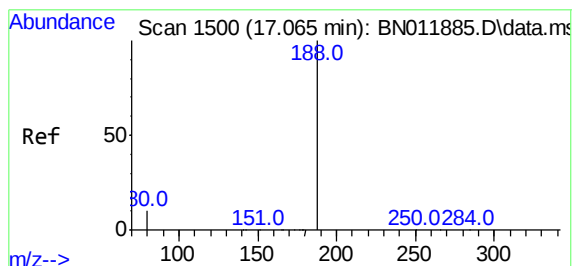
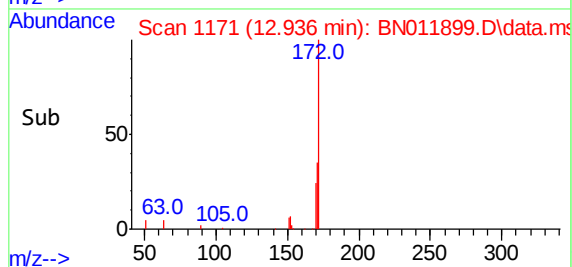
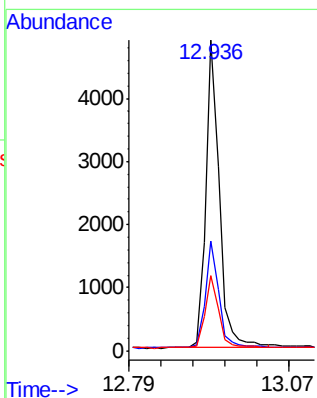
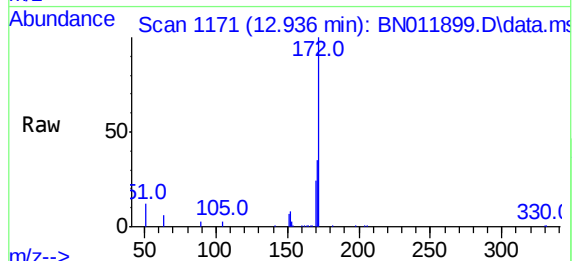




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

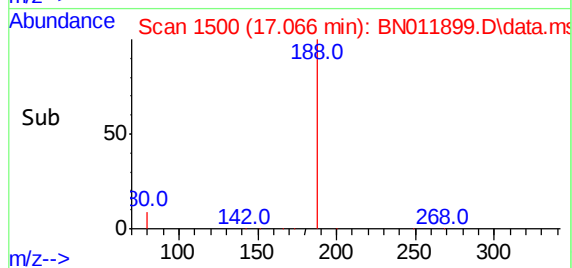
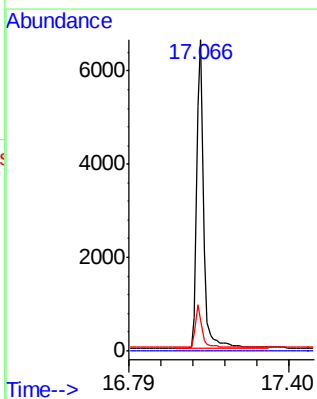
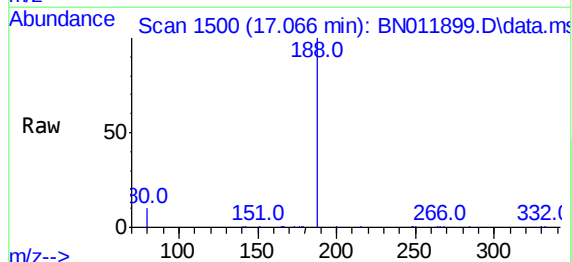
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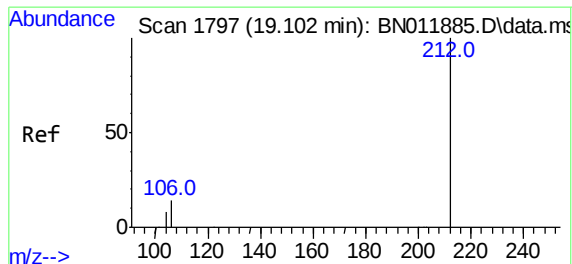
Tgt Ion:	172	Resp:	8231
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.4	41.2
170	24.3	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.066 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

Tgt Ion:	188	Resp:	12135
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.7	11.5

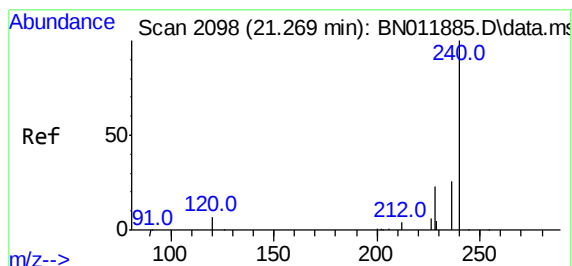
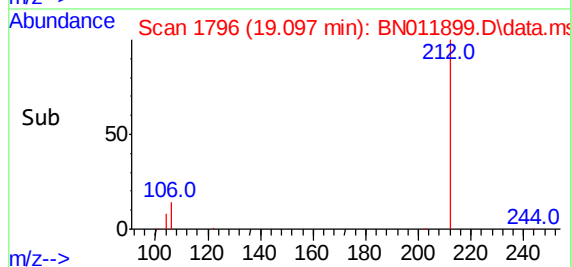
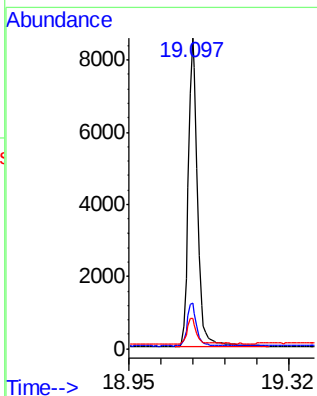
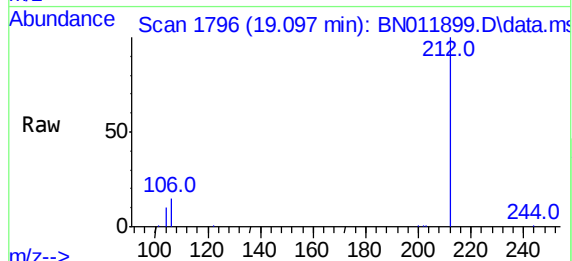




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

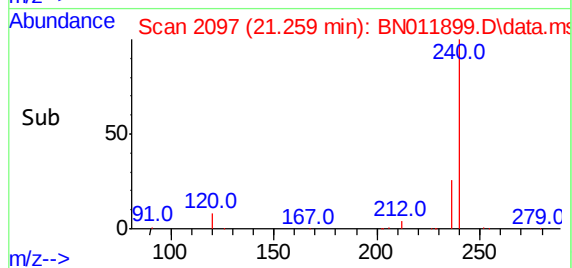
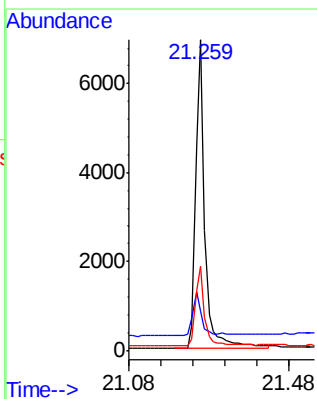
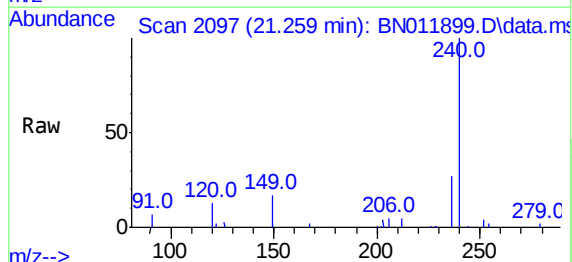
Instrument :
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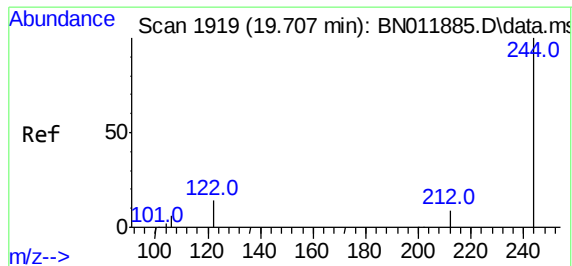
Tgt Ion:212 Resp: 12606
Ion Ratio Lower Upper
212 100
106 14.4 6.4 9.6#
104 8.4 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.010 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

Tgt Ion:240 Resp: 10943
Ion Ratio Lower Upper
240 100
120 12.8 3.5 5.3#
236 26.9 20.5 30.7

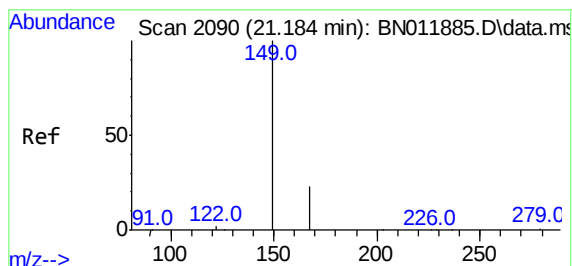
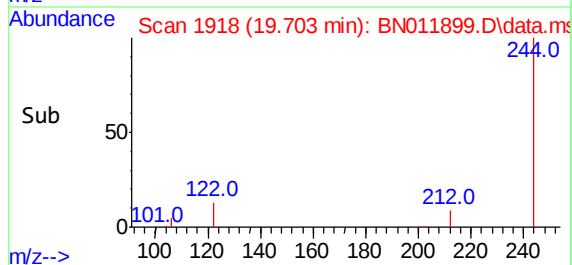
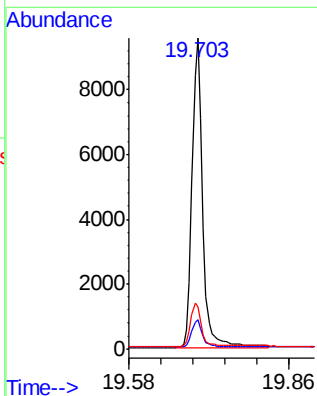
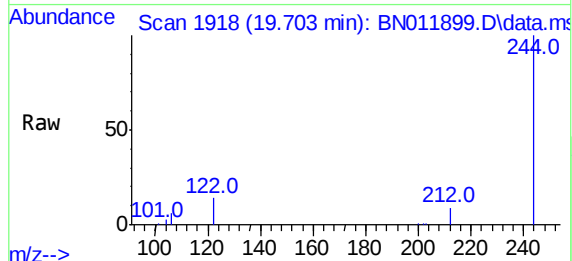




#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.703 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

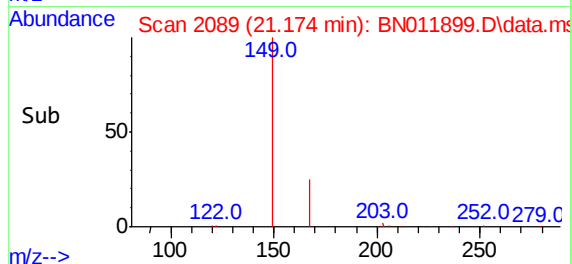
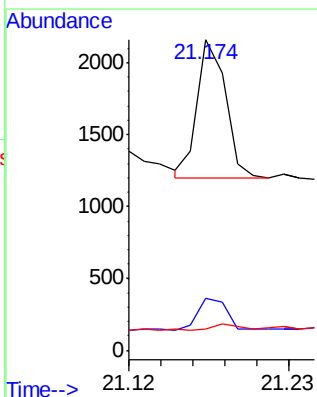
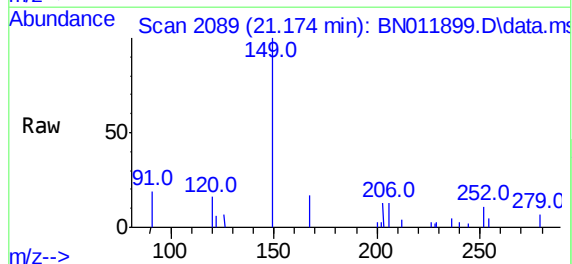
Instrument :
BNA_N
ClientSampleId :
RE120D3-20200916

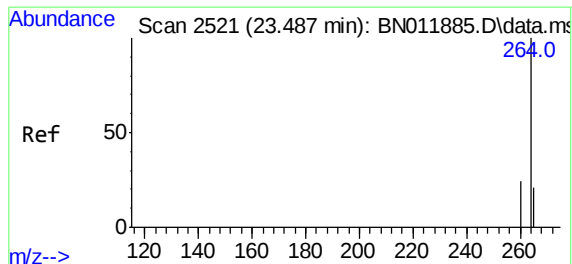
Tgt Ion:244 Resp: 12326
Ion Ratio Lower Upper
244 100
212 9.5 7.3 10.9
122 13.6 7.8 11.6#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.174 min Scan# 2089
Delta R.T. -0.010 min
Lab File: BN011899.D
Acq: 24 Sep 2020 04:28

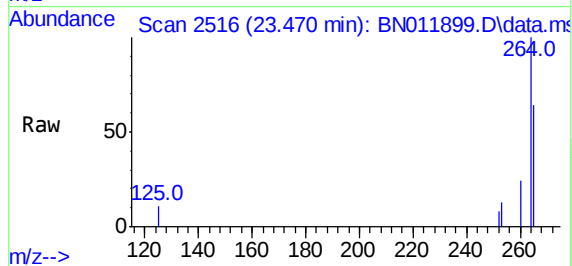
Tgt Ion:149 Resp: 1259
Ion Ratio Lower Upper
149 100
167 24.2 23.6 35.4
279 4.8 4.0 6.0





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.470 min Scan# 2516
 Delta R.T. -0.017 min
 Lab File: BN011899.D
 Acq: 24 Sep 2020 04:28

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20200916



Tgt Ion:264 Resp: 11068

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	64.3	38.6	58.0

