

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016519.D
 Acq On : 26 Sep 2021 20:02
 Operator : CG/JU
 Sample : M3833-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210918

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Quant Time: Sep 27 05:32:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11397	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	47702	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	10124	0.40	ng	# 0.00
19) Phenanthrene-d10	17.042	188	53104	0.40	ng	0.00
29) Chrysene-d12	21.248	240	47701	0.40	ng	# 0.00
35) Perylene-d12	23.512	264	38738	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	865	0.03	ng	0.02
5) Phenol-d6	6.849	99	1270	0.04	ng	0.00
8) Nitrobenzene-d5	8.810	82	10370	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	9476	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1481	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	14832	0.35	ng	-0.01
27) Fluoranthene-d10	19.083	212	74324	0.51	ng	0.00
31) Terphenyl-d14	19.698	244	61204	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	844	0.17	ng	Qvalue 92
25) Phenanthrene	17.078	178	11606m	0.07	ng	
30) Pyrene	19.480	202	3078m	0.02	ng	
34) Bis(2-ethylhexyl)phtha...	21.185	149	6055	0.16	ng	# 95

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

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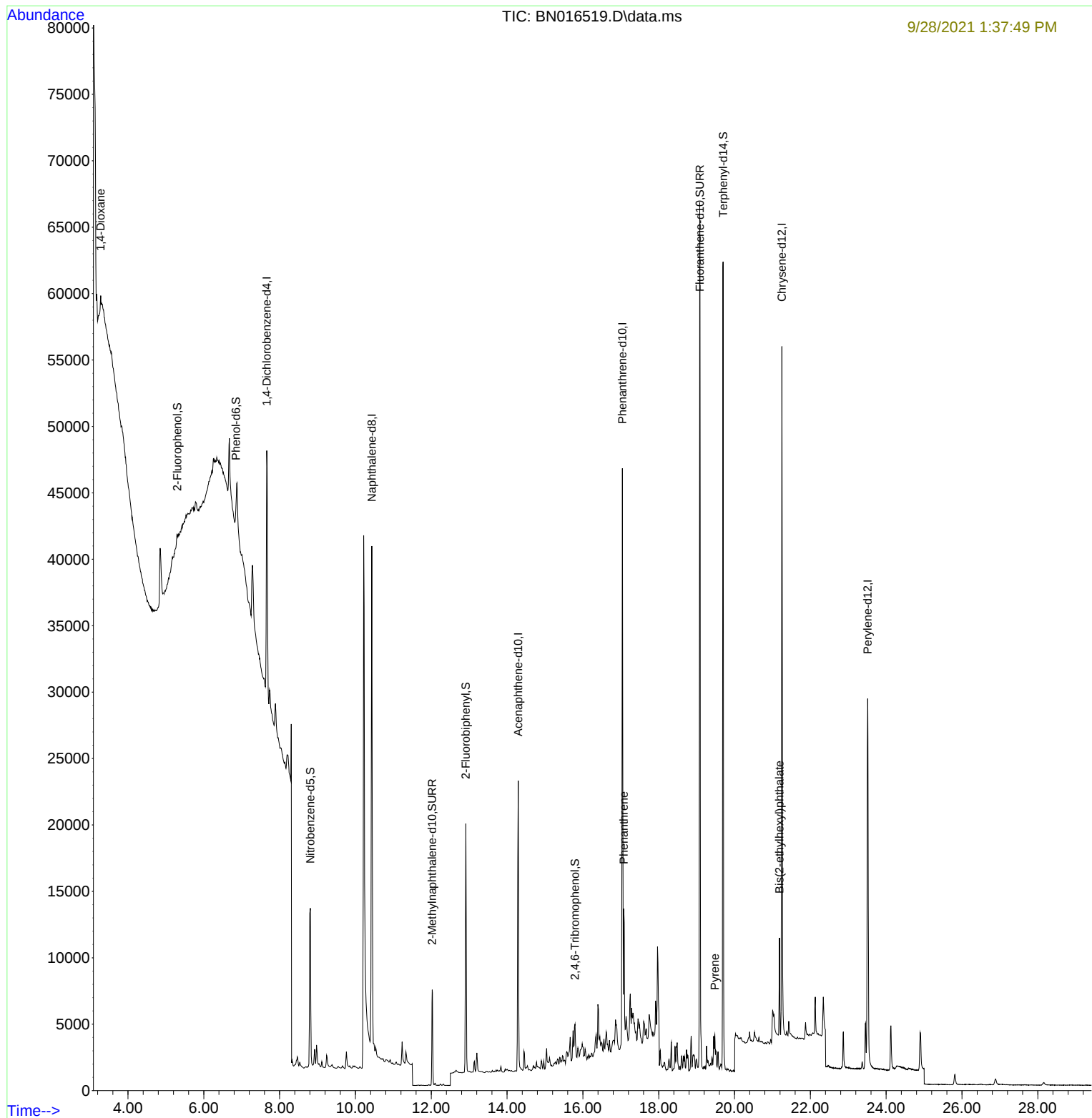
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QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion: 152 Resp: 11397
Ion Ratio Lower Upper
152 100
150 158.7 125.6 188.4
115 58.7 50.2 75.2

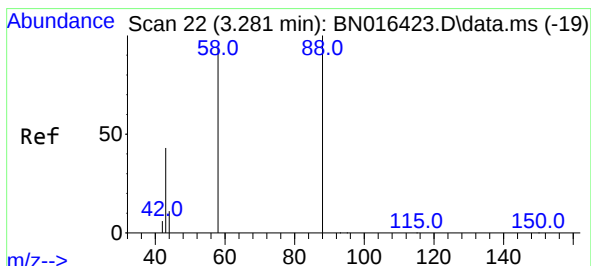
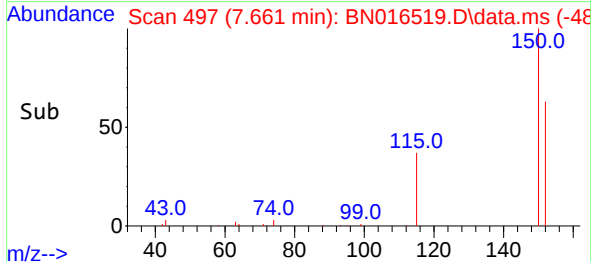
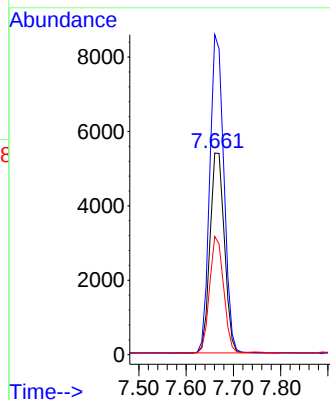
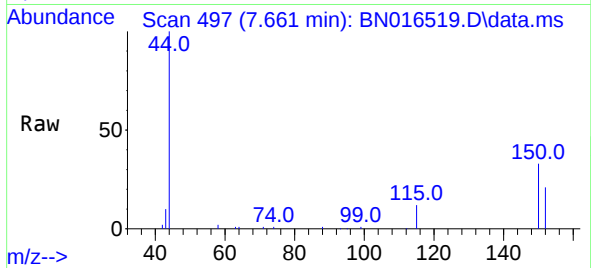
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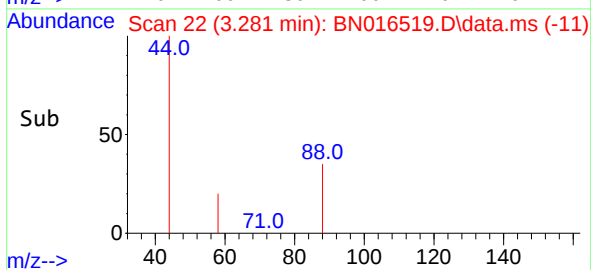
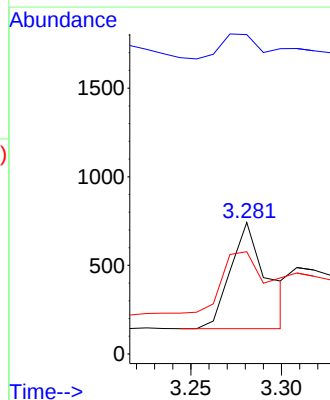
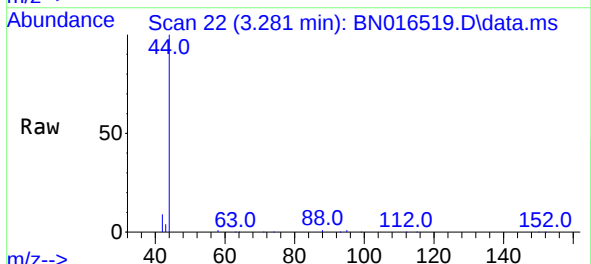
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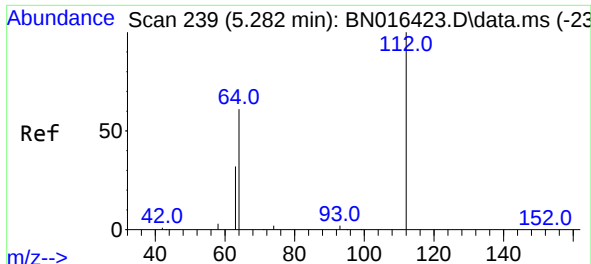
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#2
1,4-Dioxane
Concen: 0.17 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion: 88 Resp: 844
Ion Ratio Lower Upper
88 100
43 26.1 20.3 30.5
58 77.7 69.9 104.9





#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion: 112 Resp: 865
Ion Ratio Lower Upper
112 100
64 63.7 47.3 70.9
63 35.1 23.4 35.0#

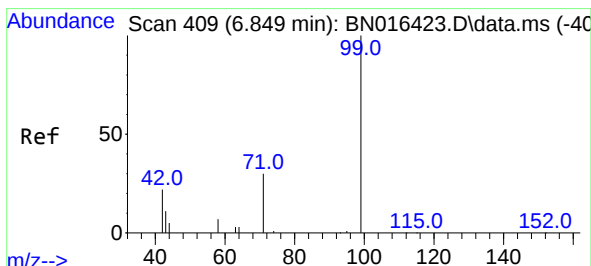
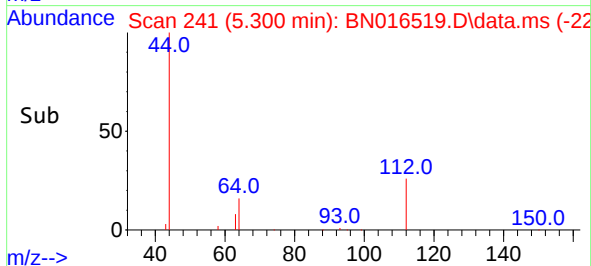
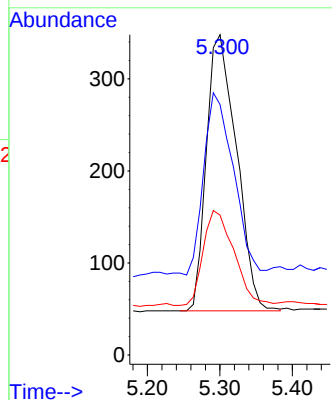
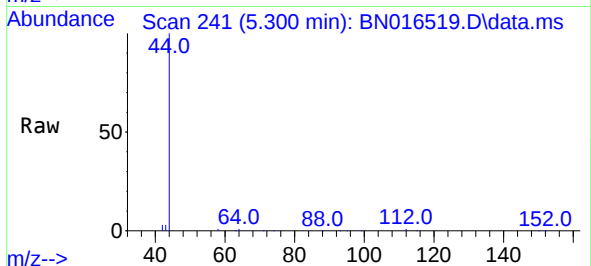
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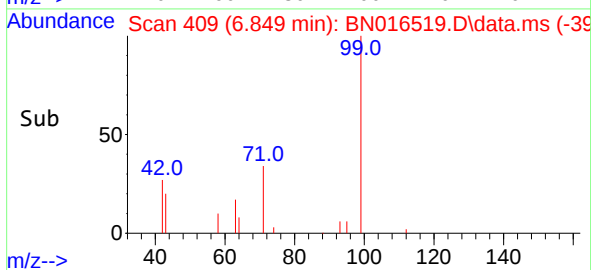
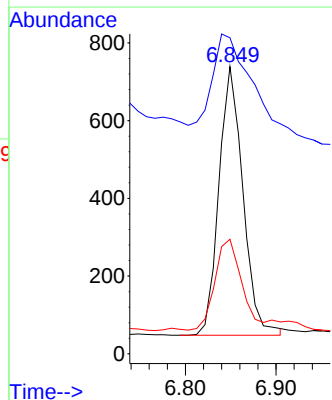
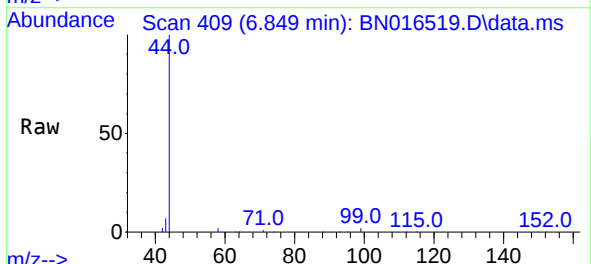
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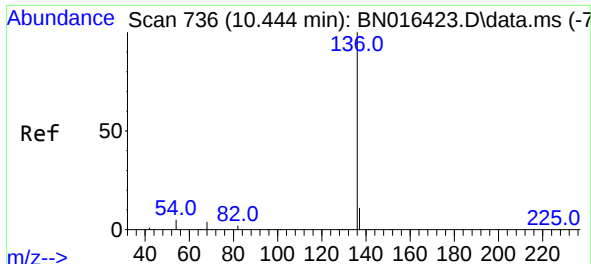
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#5
Phenol-d6
Concen: 0.04 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

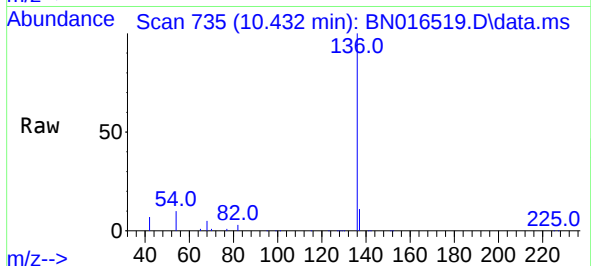
Tgt Ion: 99 Resp: 1270
Ion Ratio Lower Upper
99 100
42 48.6 14.0 21.0#
71 39.8 23.8 35.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Instrument :
BNA_N
ClientSampleId :
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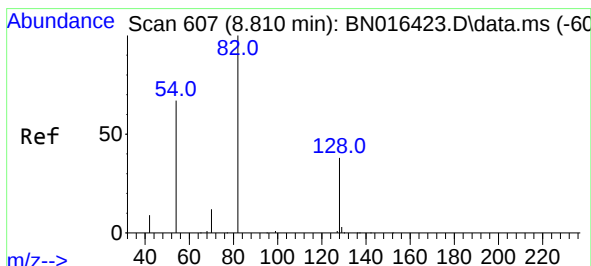
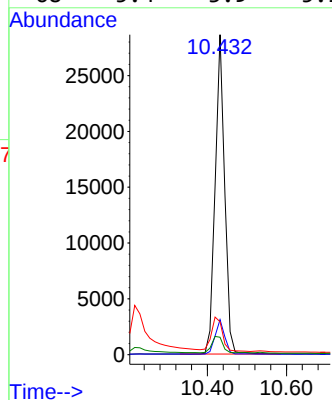
Tgt Ion:	136	Resp:	47702
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	5.3	7.9#
68	5.4	3.9	5.9

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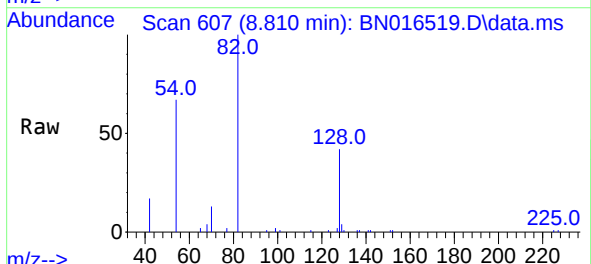
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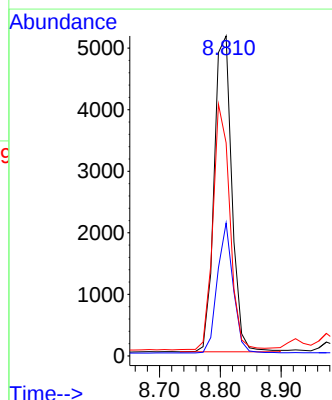
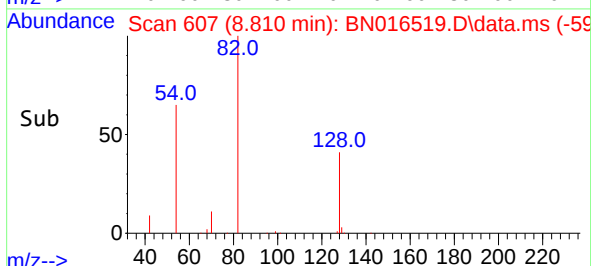
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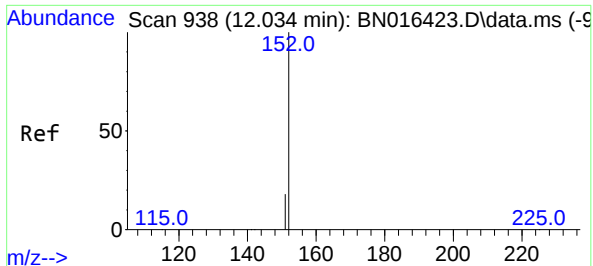


#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02



Tgt Ion:	82	Resp:	10370
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.7	47.5
54	66.6	46.4	69.6





#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:152 Resp: 9476
Ion Ratio Lower Upper
152 100
151 22.0 16.1 24.1

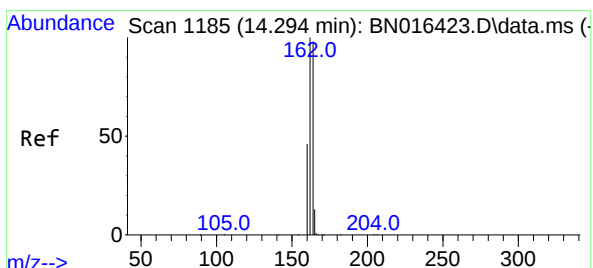
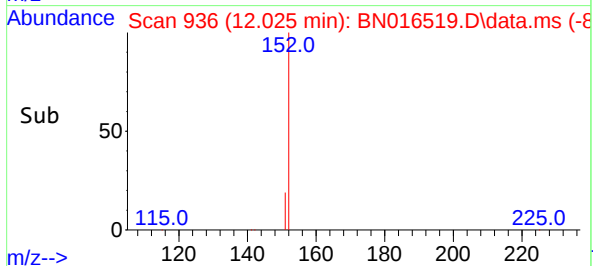
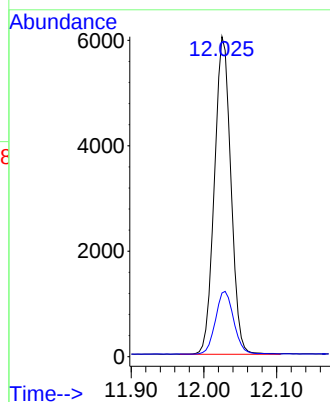
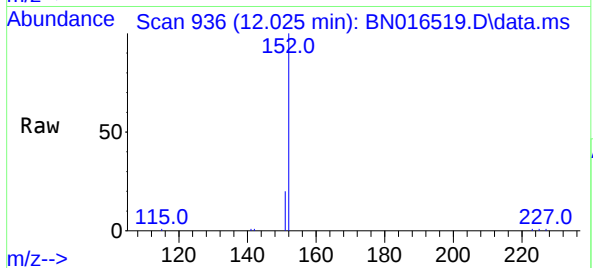
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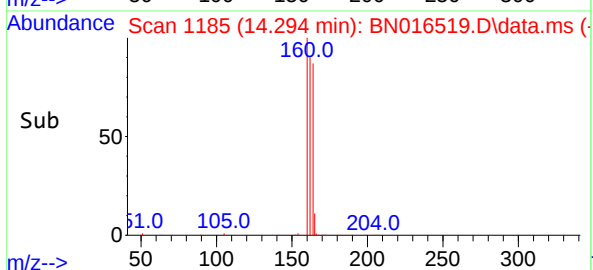
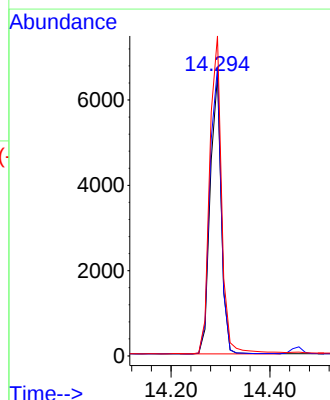
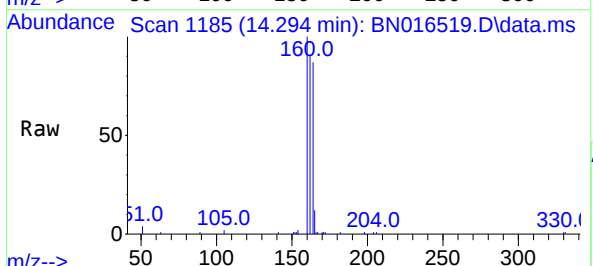
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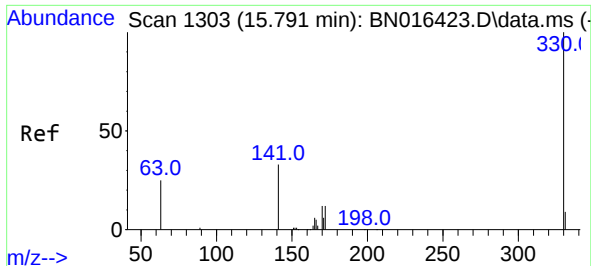
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:164 Resp: 10124
Ion Ratio Lower Upper
164 100
162 102.9 79.0 118.4
160 114.3 34.1 51.1#





#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion: 330 Resp: 1481
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 66.4 25.0 37.4#

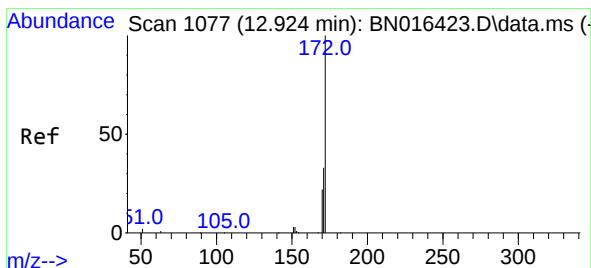
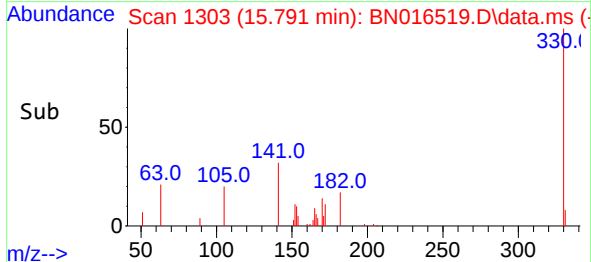
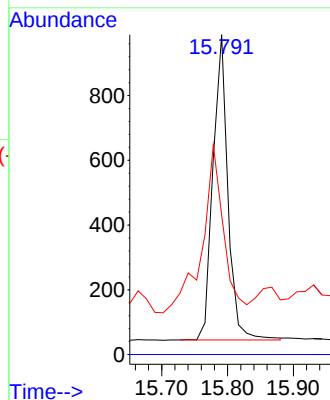
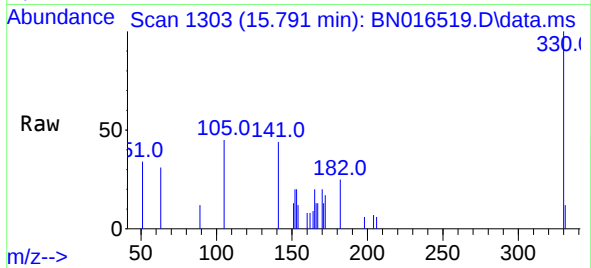
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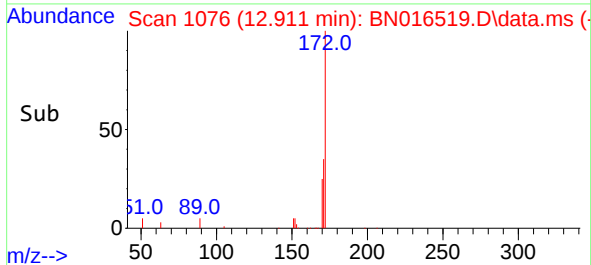
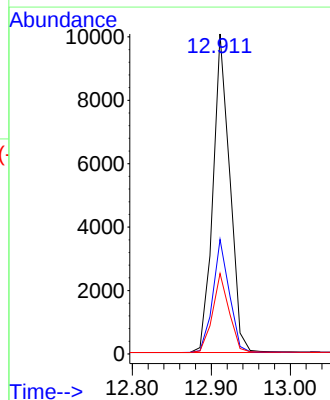
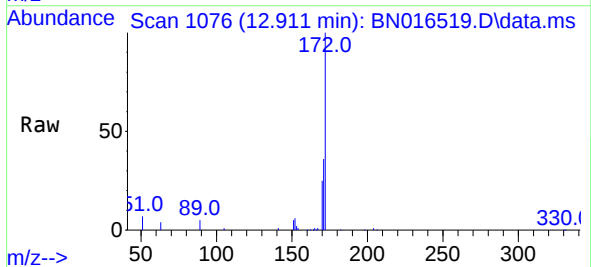
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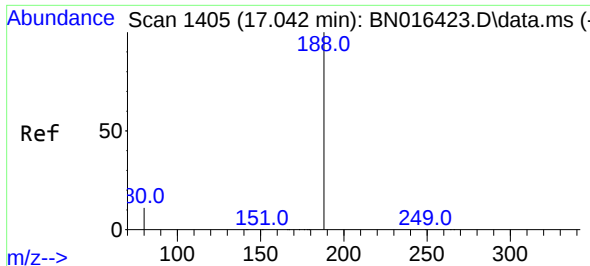
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#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion: 172 Resp: 14832
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 25.2 18.2 27.2





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:188	Resp:	53104
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.6	10.6

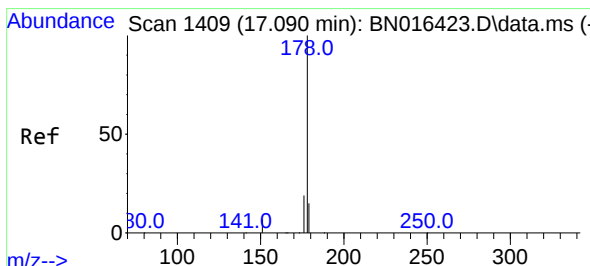
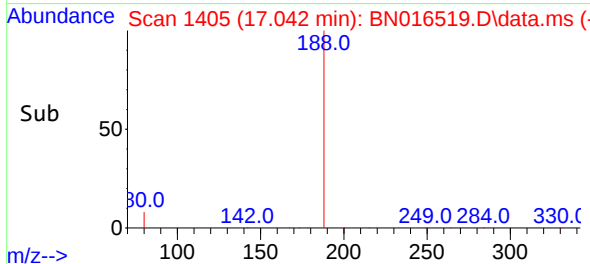
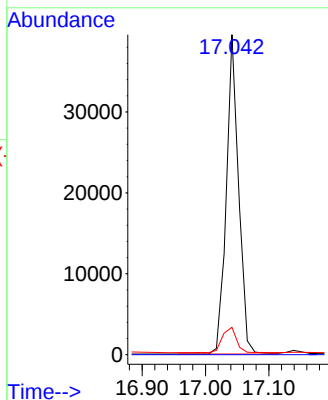
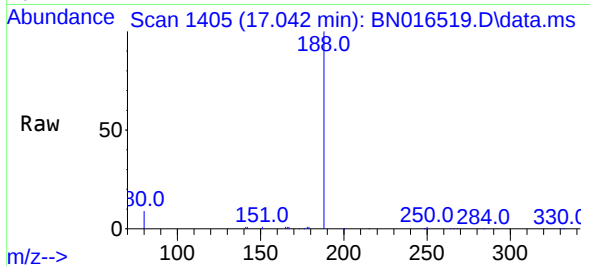
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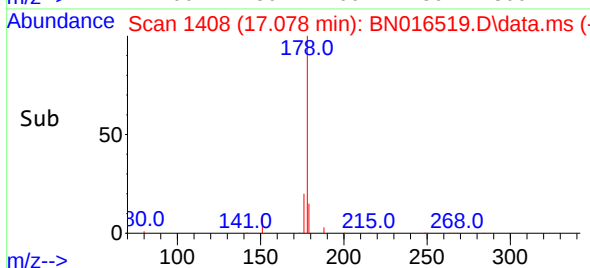
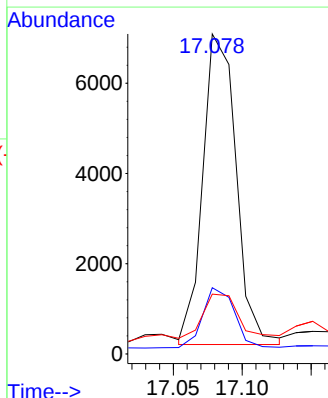
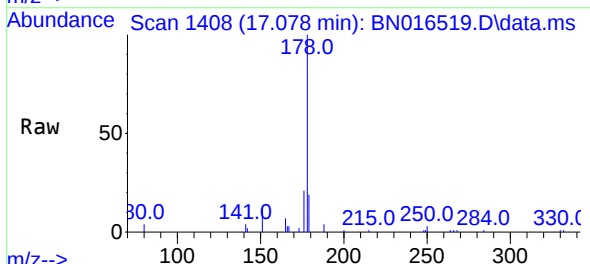
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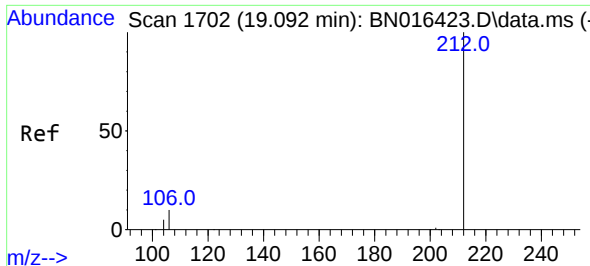
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#25
Phenanthrene
Concen: 0.07 ng m
RT: 17.078 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:178	Resp:	11606
Ion Ratio	Lower	Upper
178	100	
176	20.4	14.4
179	25.2	12.2





#27
Fluoranthene-d10
Concen: 0.51 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion: 212 Resp: 74324
Ion Ratio Lower Upper
212 100
106 11.1 9.8 14.6
104 6.4 5.4 8.2

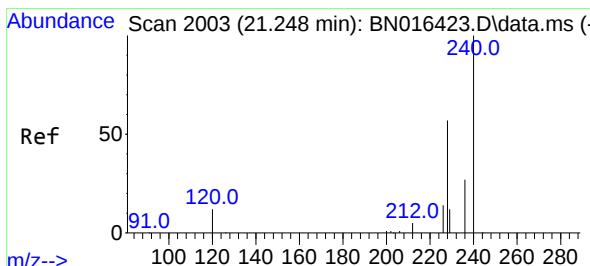
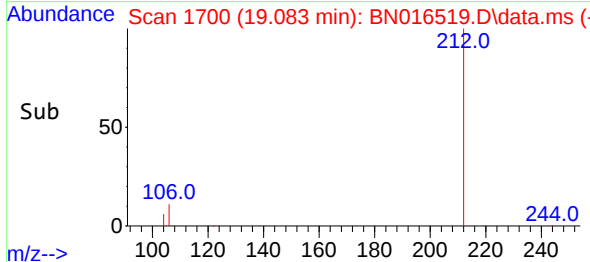
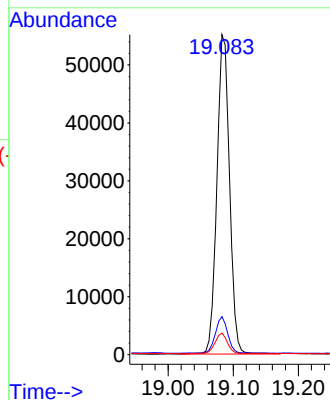
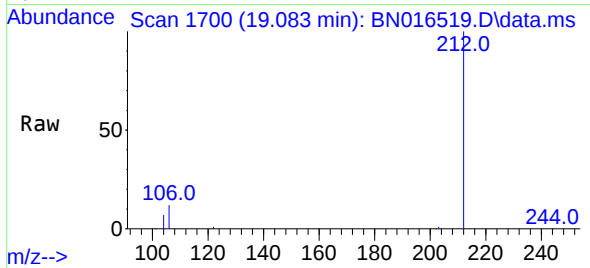
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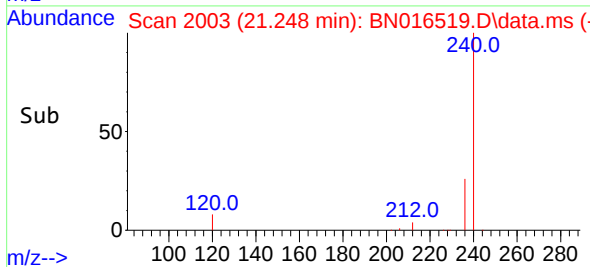
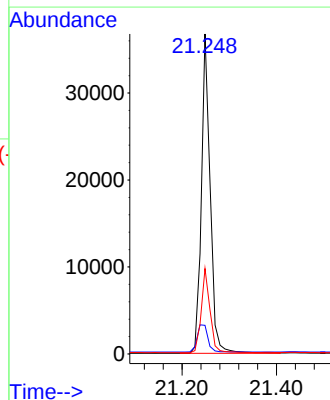
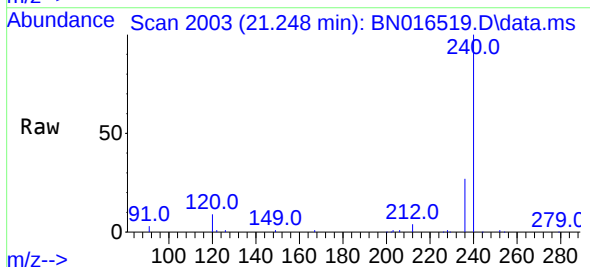
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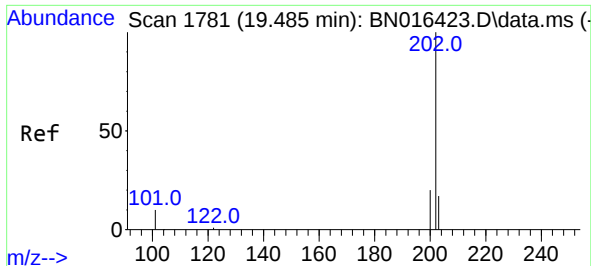
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#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion: 240 Resp: 47701
Ion Ratio Lower Upper
240 100
120 9.0 5.3 7.9#
236 26.7 19.8 29.8





#30
Pyrene
Concen: 0.02 ng m
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:	202	Resp:	3078
Ion Ratio	Lower	Upper	
202	100		
200	20.4	15.8	23.6
203	15.2	13.9	20.9

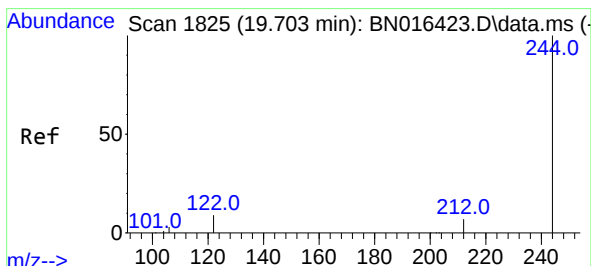
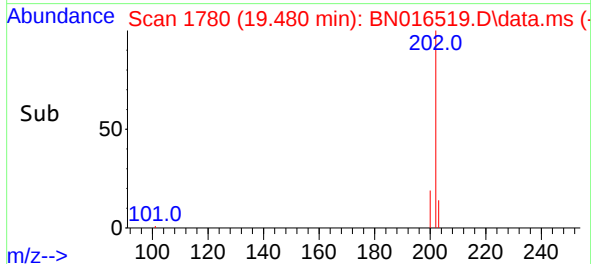
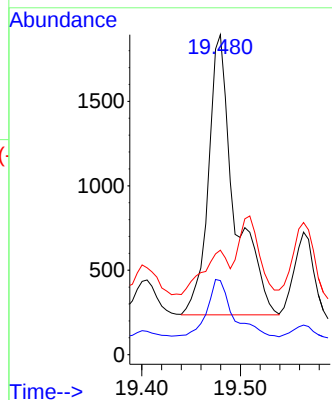
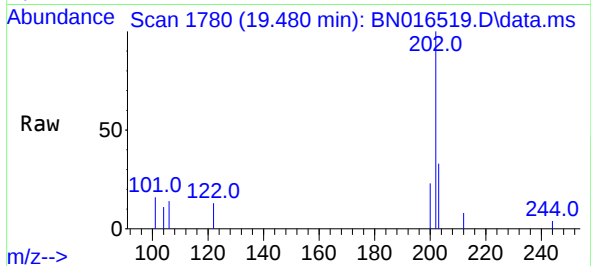
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ClientSampleId :
RE123D1-20210918

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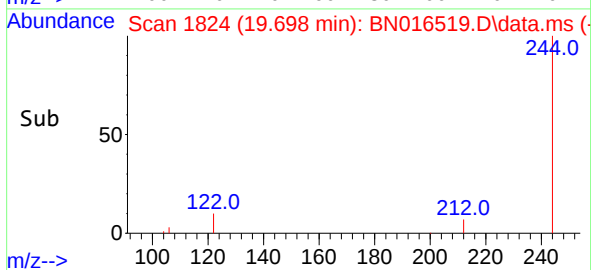
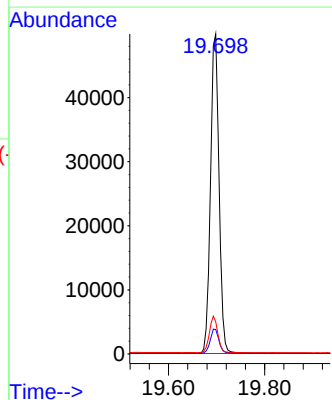
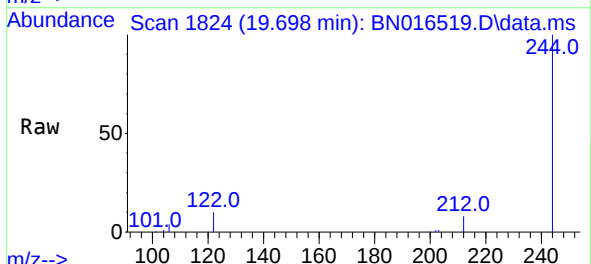
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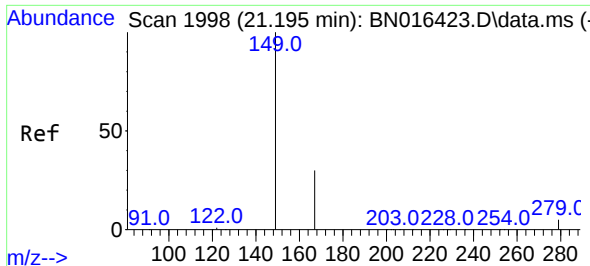
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#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:	244	Resp:	61204
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.5	8.3
122	10.0	9.0	13.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:149 Resp: 6055
Ion Ratio Lower Upper
149 100
167 26.2 23.4 35.0
279 3.8 3.9 5.9#

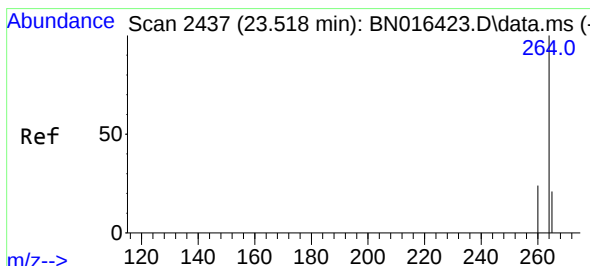
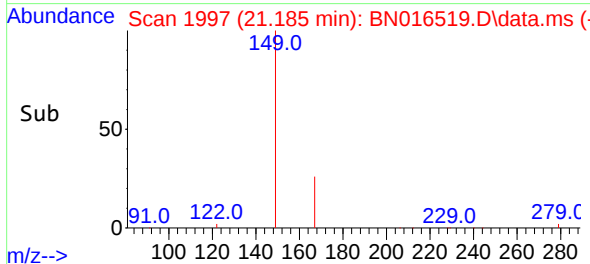
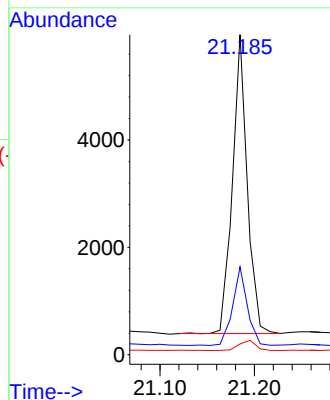
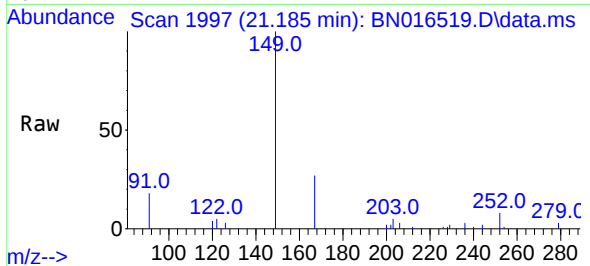
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

Manual Integrations
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#35
Perylene-d12
Concen: 0.40 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016519.D
Acq: 26 Sep 2021 20:02

Tgt Ion:264 Resp: 38738
Ion Ratio Lower Upper
264 100
260 25.1 18.9 28.3
265 24.2 23.7 35.5

