

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016473.D
 Acq On : 25 Sep 2021 13:54
 Operator : CG/JU
 Sample : M3782-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210914

Manual Integrations
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Quant Time: Sep 26 04:14:42 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	7.670	152	20102	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	88696	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	45117	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	90031	0.40	ng	0.00
29) Chrysene-d12	21.249	240	87661	0.40	ng	# 0.00
35) Perylene-d12	23.515	264	75364	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	5897	0.13	ng	0.02
5) Phenol-d6	6.850	99	3975	0.07	ng	0.00
8) Nitrobenzene-d5	8.810	82	20009	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	41130	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3392	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	55412	0.29	ng	-0.01
27) Fluoranthene-d10	19.088	212	99014	0.40	ng	0.00
31) Terphenyl-d14	19.699	244	86883	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	45151m	5.24	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.185	149	42094	0.61	ng	97

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

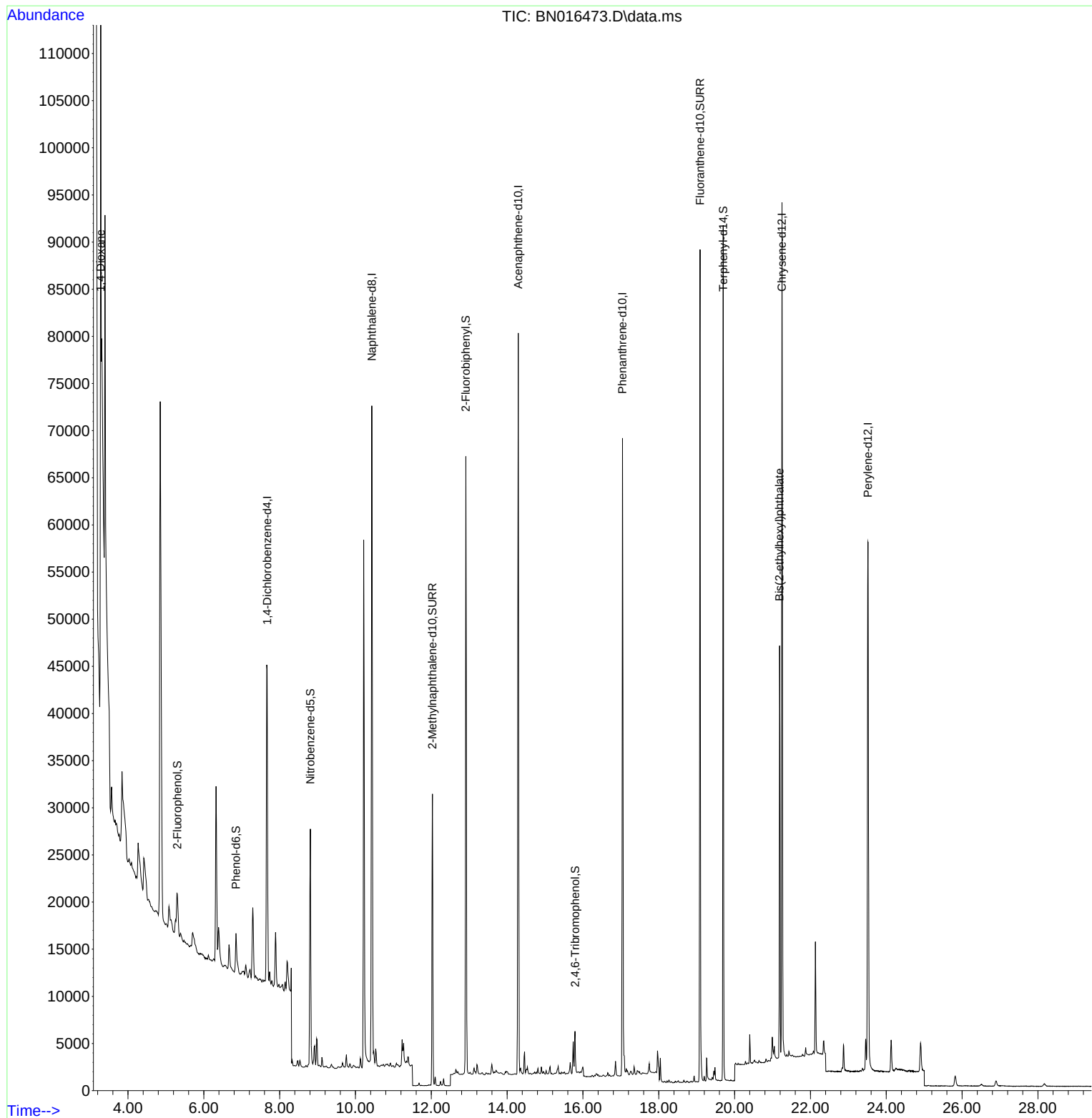
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Data File : BN016473.D
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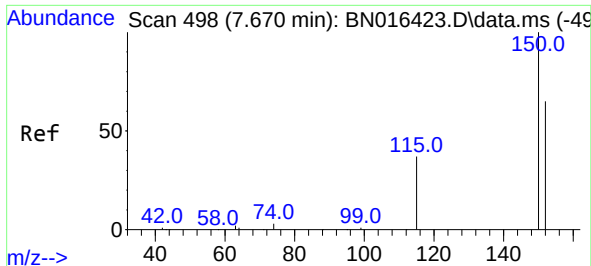
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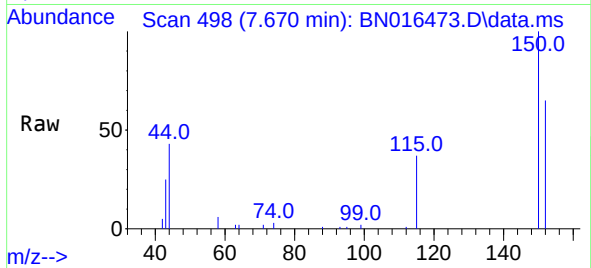
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Quant Time: Sep 26 04:14:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
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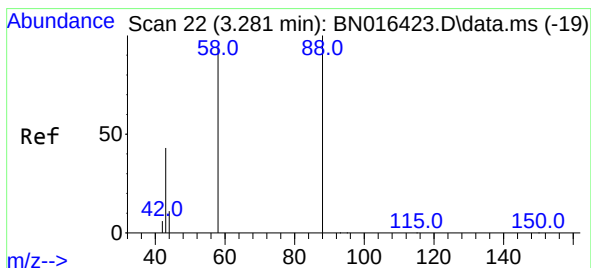
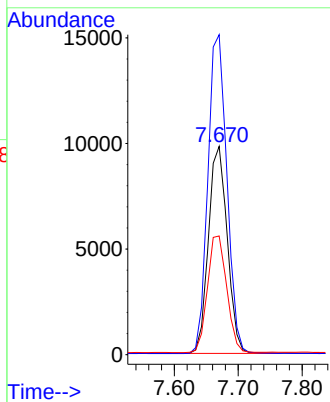
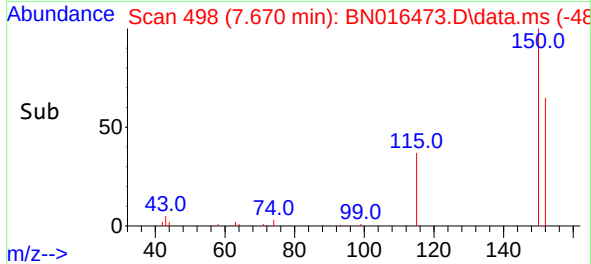




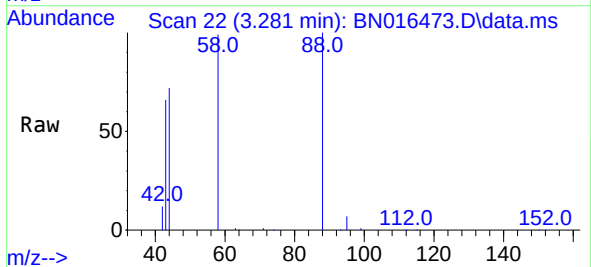
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 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016473.D
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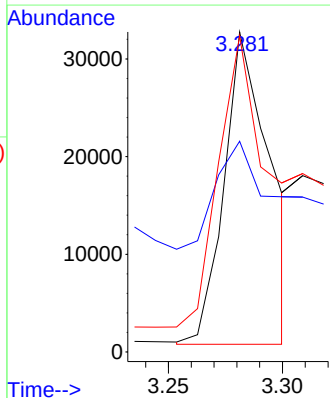
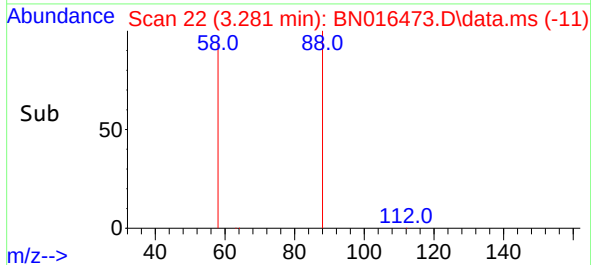
Tgt Ion: 152 Resp: 20102
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.6 188.4
 115 57.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 5.24 ng m
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016473.D
 Acq: 25 Sep 2021 13:54



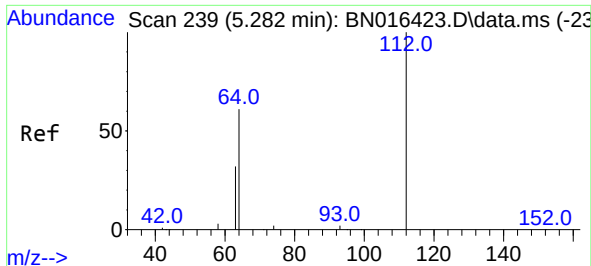
Tgt Ion: 88 Resp: 45151
 Ion Ratio Lower Upper
 88 100
 43 49.4 20.3 30.5#
 58 134.8 69.9 104.9#



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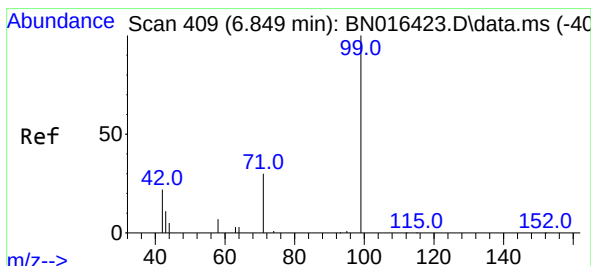
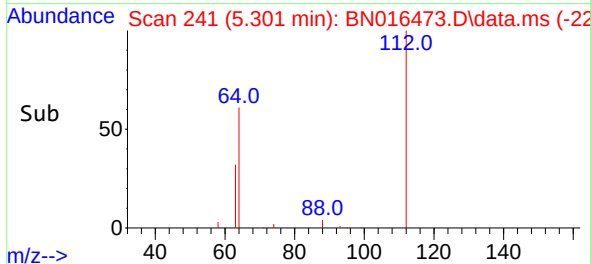
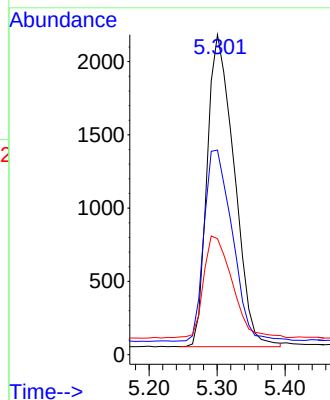
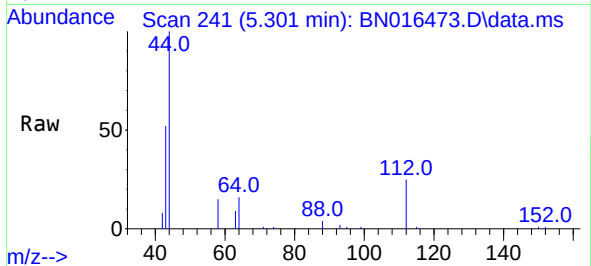
#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.301 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion: 112 Resp: 5897
Ion Ratio Lower Upper
112 100
64 63.8 47.3 70.9
63 34.6 23.4 35.0

Instrument :
BNA_N
ClientSampleId :
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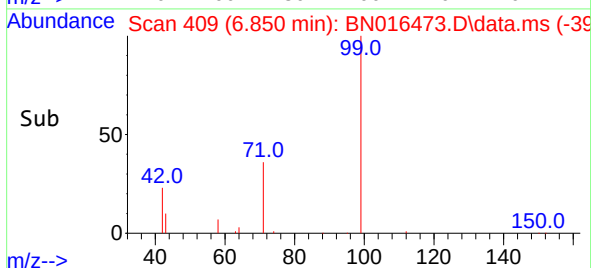
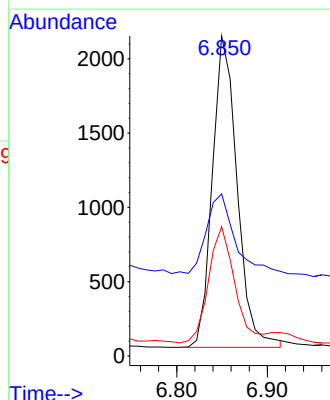
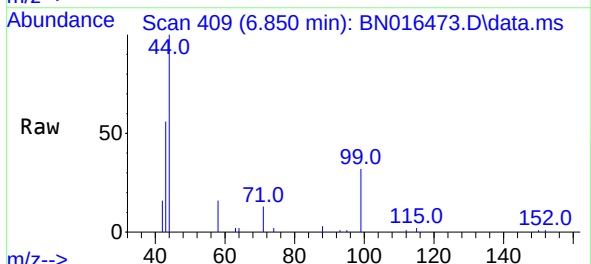
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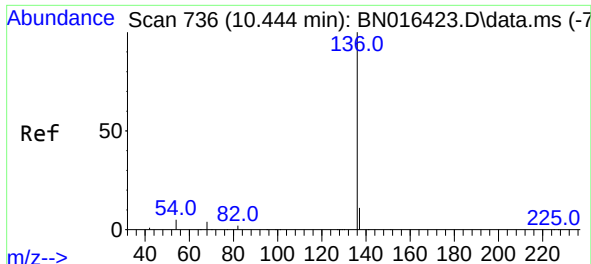
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#5
Phenol-d6
Concen: 0.07 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

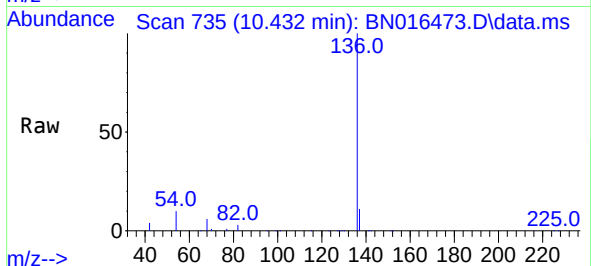
Tgt Ion: 99 Resp: 3975
Ion Ratio Lower Upper
99 100
42 29.1 14.0 21.0#
71 39.6 23.8 35.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

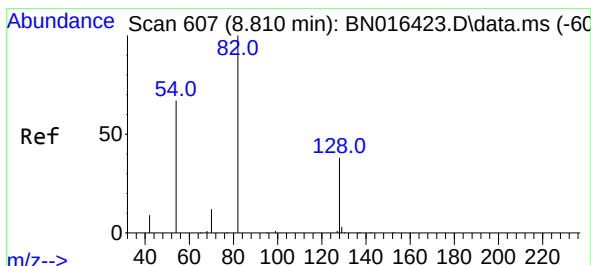
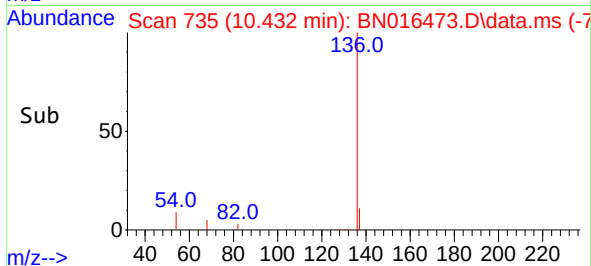
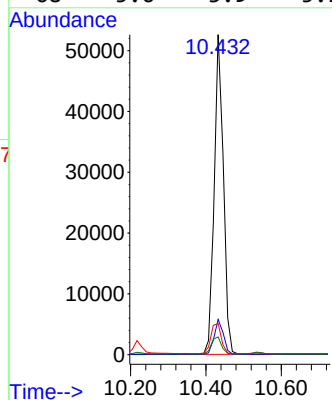
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BNA_N
ClientSampleId :
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Tgt Ion:	136	Resp:	88696
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.7	5.3	7.9#
68	5.6	3.9	5.9

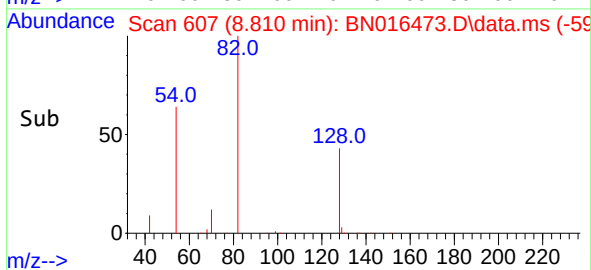
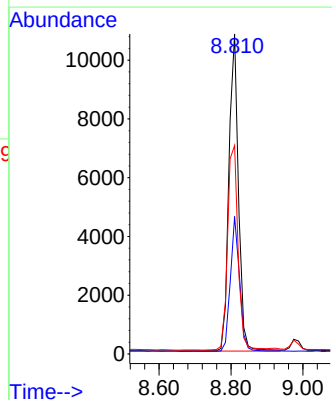
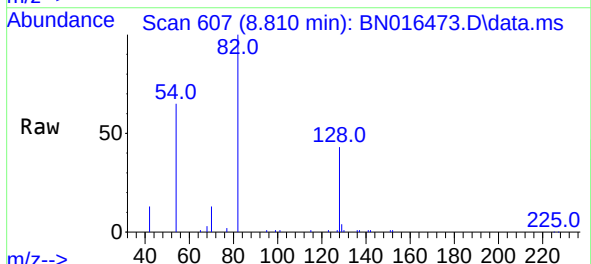
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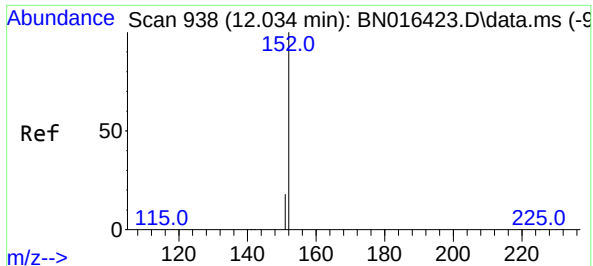
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#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:	82	Resp:	20009
Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.7	47.5
54	65.2	46.4	69.6





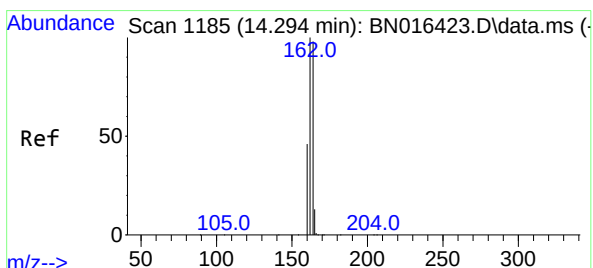
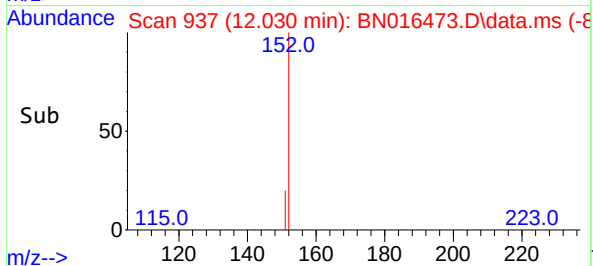
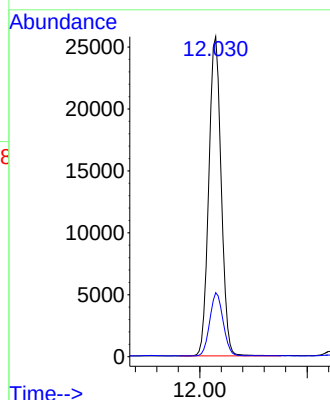
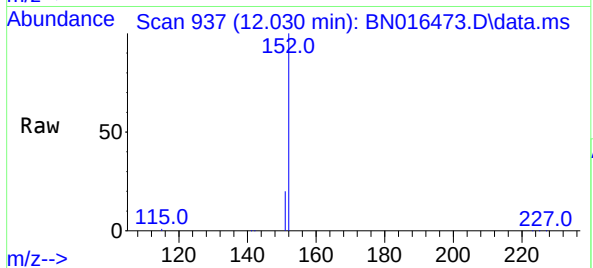
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016473.D
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Tgt Ion:152 Resp: 41130
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1

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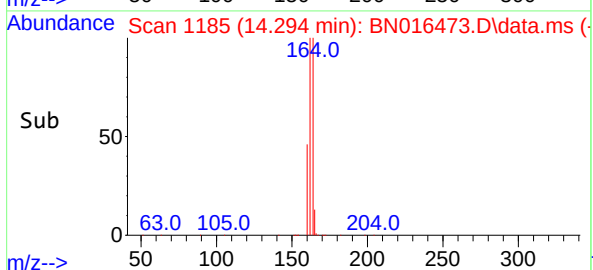
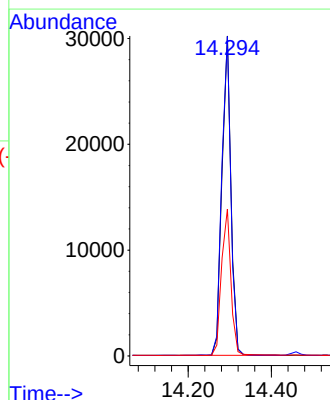
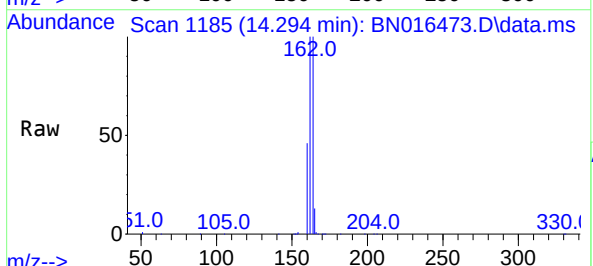
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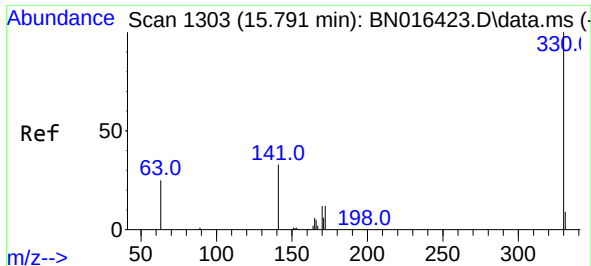
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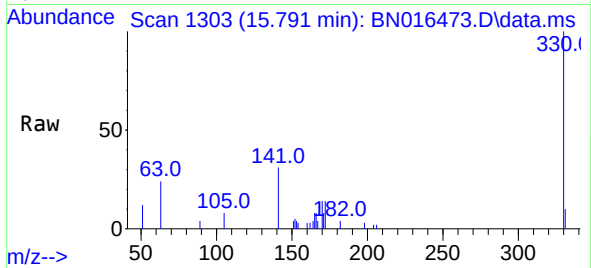
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:164 Resp: 45117
Ion Ratio Lower Upper
164 100
162 99.8 79.0 118.4
160 45.9 34.1 51.1

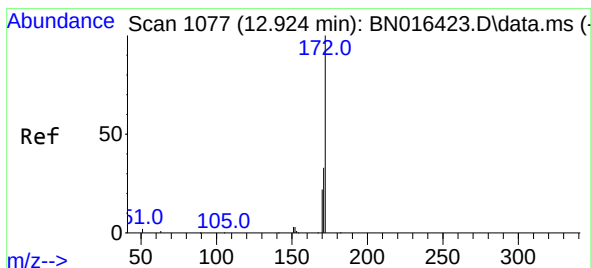
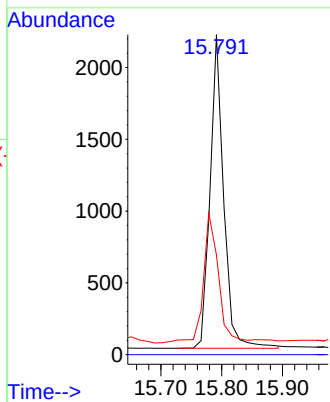
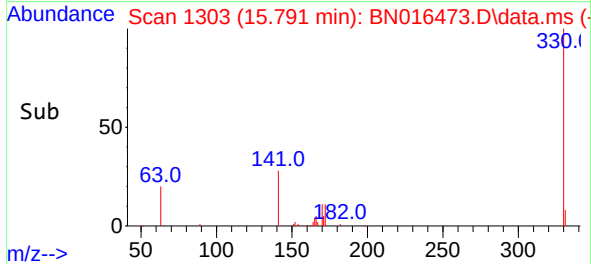




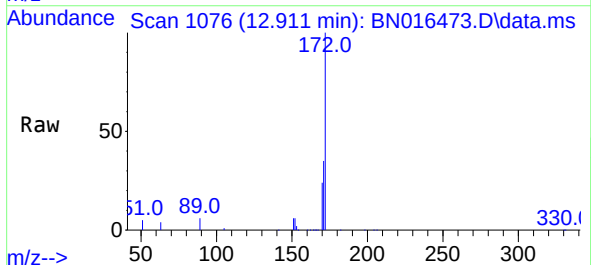
#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54



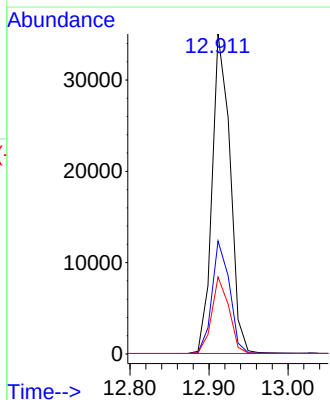
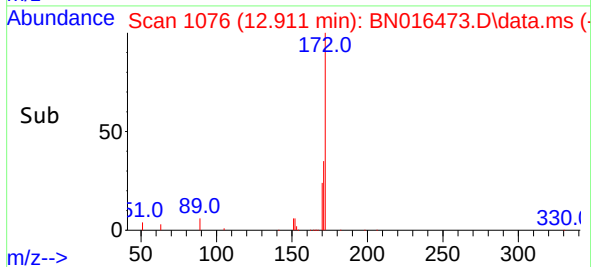
Tgt Ion:330 Resp: 3392
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54



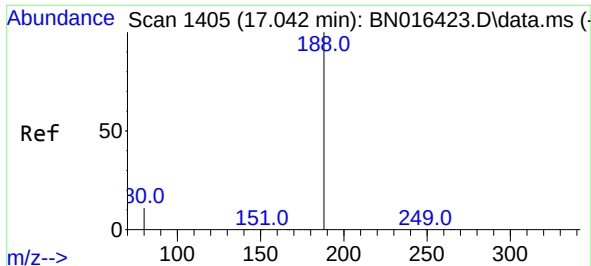
Tgt Ion:172 Resp: 55412
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.1 18.2 27.2



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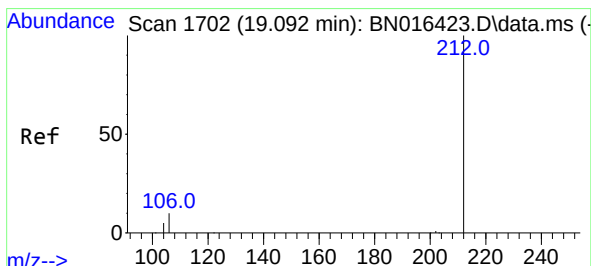
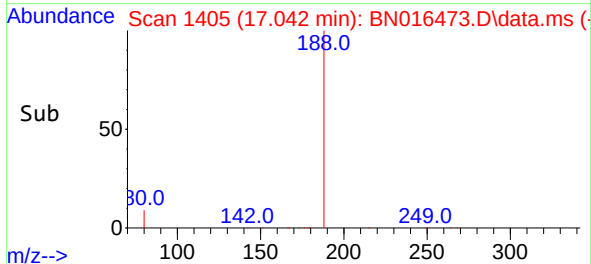
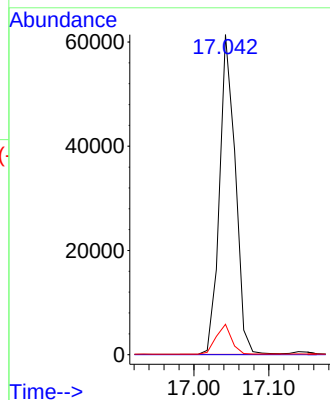
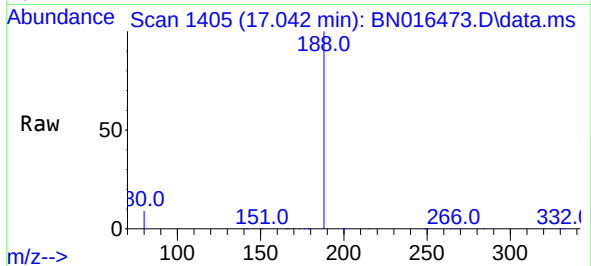
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Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:188	Resp:	90031
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.5	10.6

Instrument :
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ClientSampleId :
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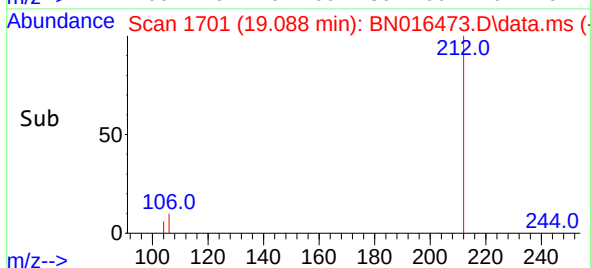
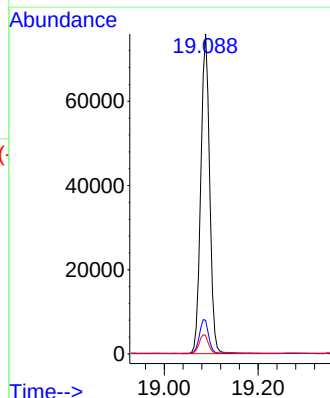
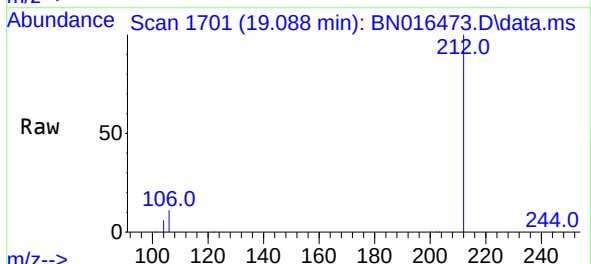
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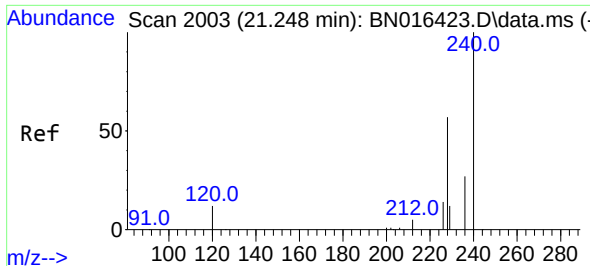
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#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016473.D
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Tgt Ion:212	Resp:	99014
Ion Ratio	Lower	Upper
212	100	
106	11.0	9.8
104	6.1	5.4





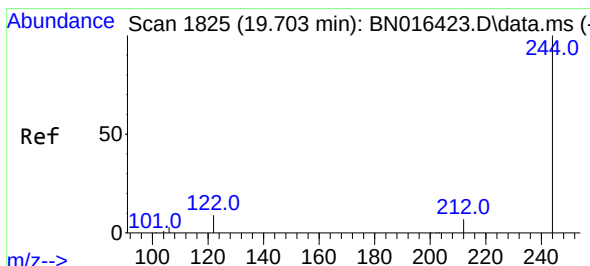
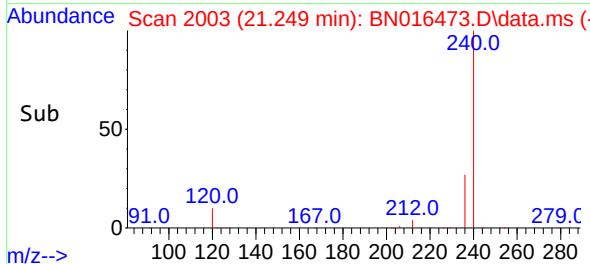
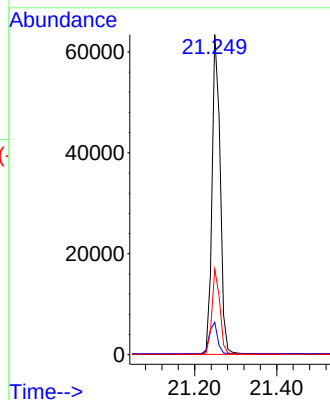
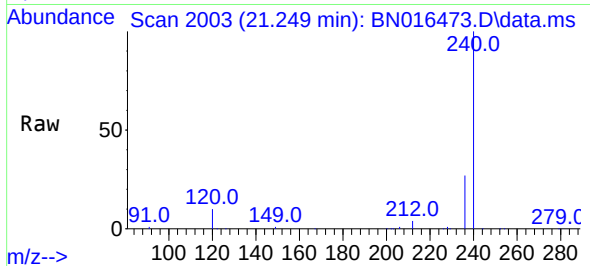
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:240 Resp: 87661
Ion Ratio Lower Upper
240 100
120 10.1 5.3 7.9#
236 26.7 19.8 29.8

Instrument :
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RE132D2-20210914

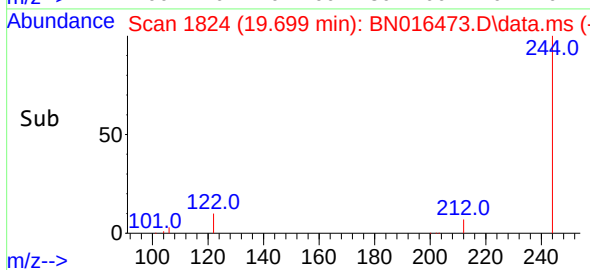
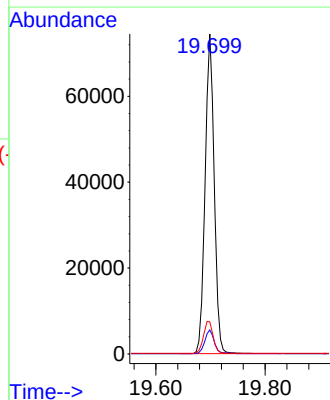
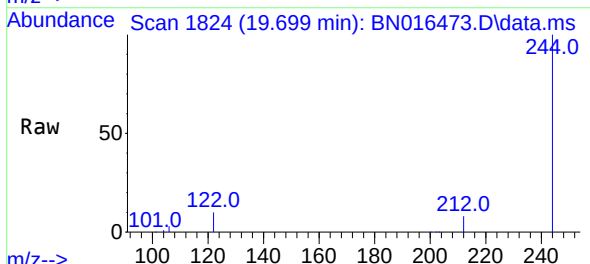
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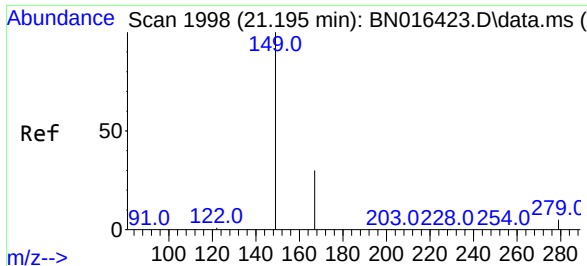
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#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.699 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016473.D
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Tgt Ion:244 Resp: 86883
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.1 9.0 13.4





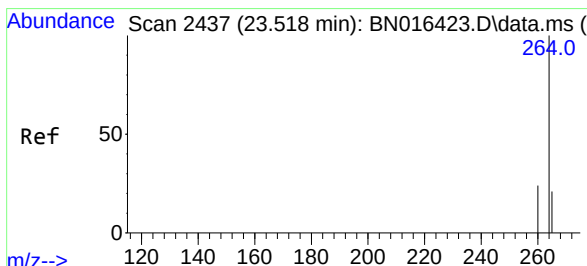
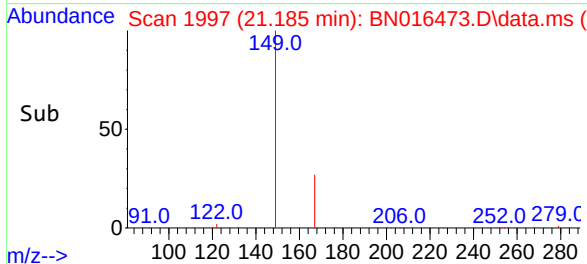
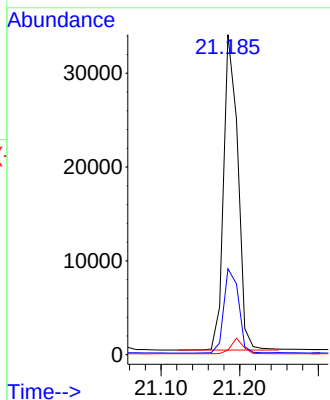
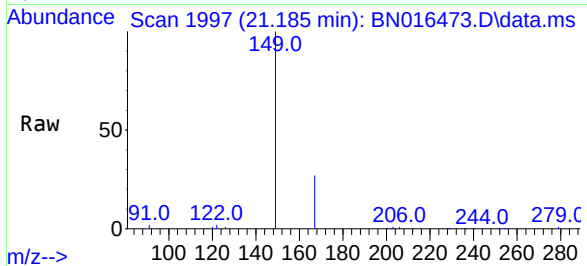
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.61 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:149 Resp: 42094
Ion Ratio Lower Upper
149 100
167 27.7 23.4 35.0
279 4.2 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914

Manual Integrations
APPROVED

mohammad
9/28/2021 1:36:29 PM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:264 Resp: 75364
Ion Ratio Lower Upper
264 100
260 24.5 18.9 28.3
265 23.5 23.7 35.5#

