

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015275.D
 Acq On : 02 Jul 2021 00:08
 Operator : CG/JU
 Sample : M2783-21DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210618DL

Manual Integrations
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Quant Time: Jul 02 01:01:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	25326	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	117557	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	57472	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	124238	0.40	ng	0.00
29) Chrysene-d12	21.291	240	95895	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	34181	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4420	0.07	ng	0.00
5) Phenol-d6	6.905	99	2909	0.04	ng	0.00
8) Nitrobenzene-d5	8.873	82	13455	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	30035	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3335	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	44533	0.19	ng	0.00
27) Fluoranthene-d10	19.127	212	59248	0.16	ng	0.00
31) Terphenyl-d14	19.733	244	53992	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	30614m	2.58	ng	
6) bis(2-Chloroethyl)ether	7.163	93	1946	0.02	ng	# 73
24) Pentachlorophenol	16.750	266	57	0.25	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	21253	0.33	ng	# 88

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

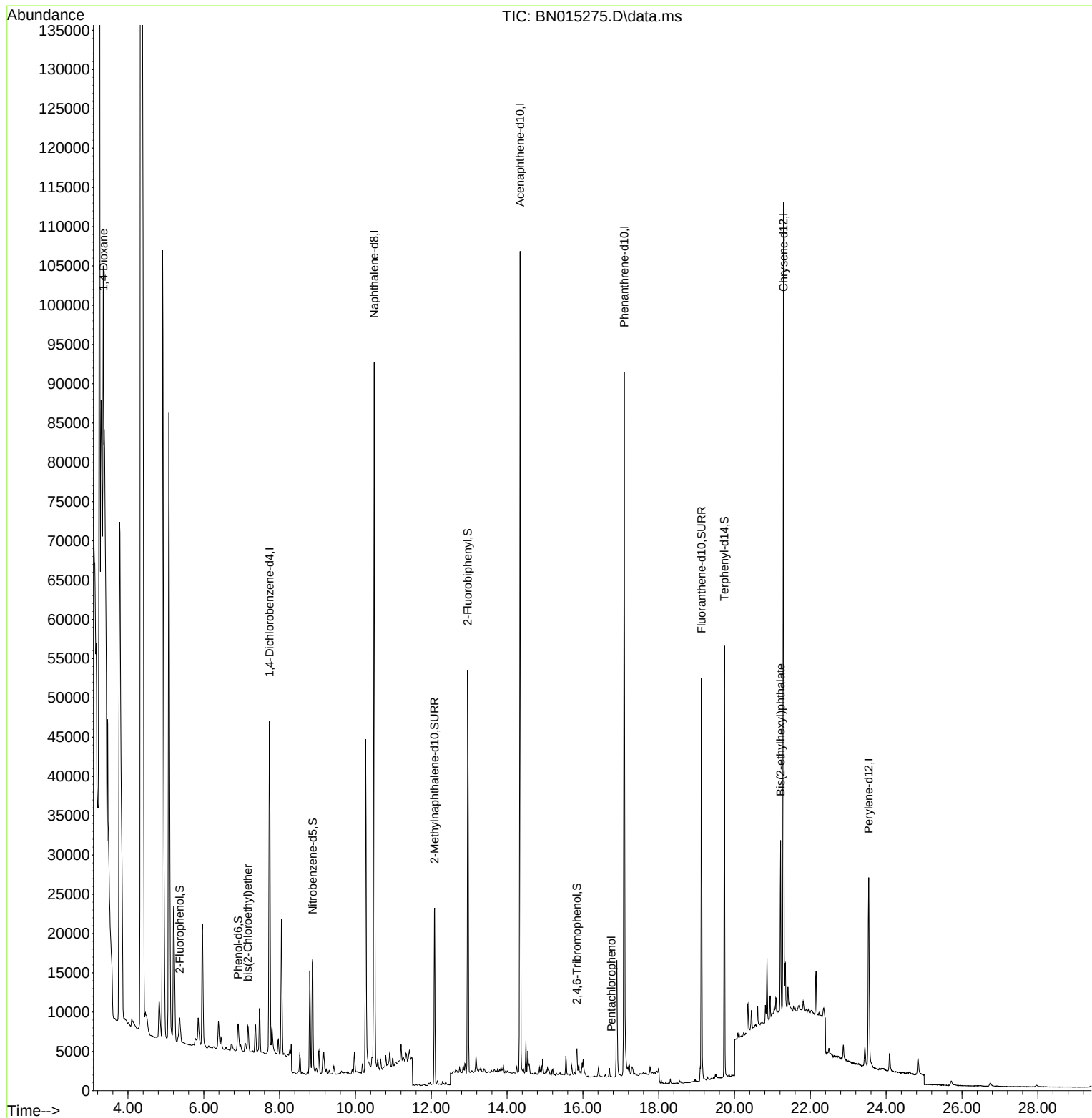
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Data File : BN015275.D
Acq On : 02 Jul 2021 00:08
Operator : CG/JU
Sample : M2783-21DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

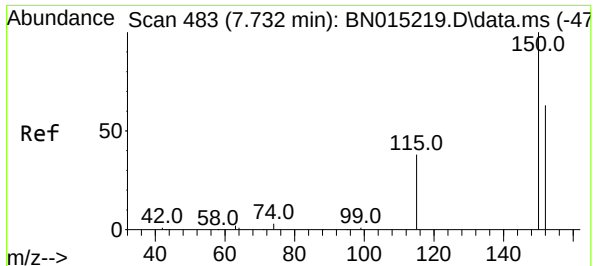
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618DL

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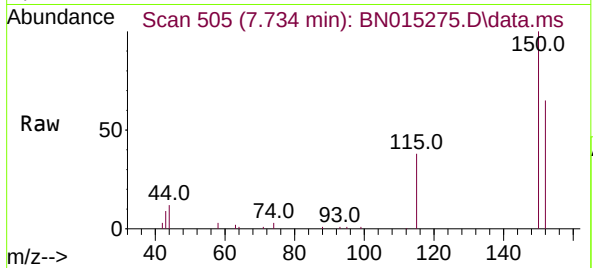
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Quant Time: Jul 02 01:01:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

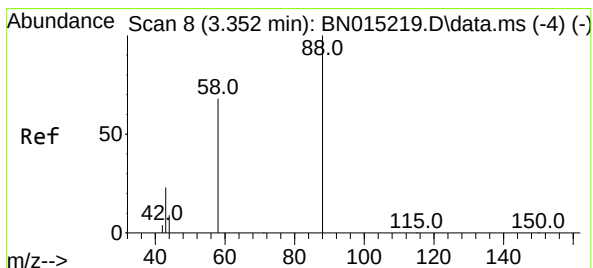
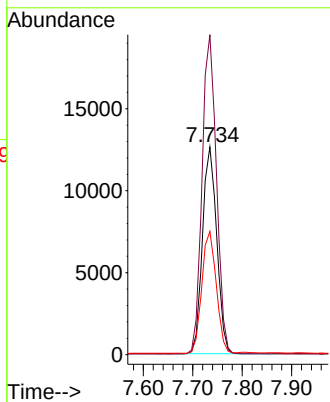
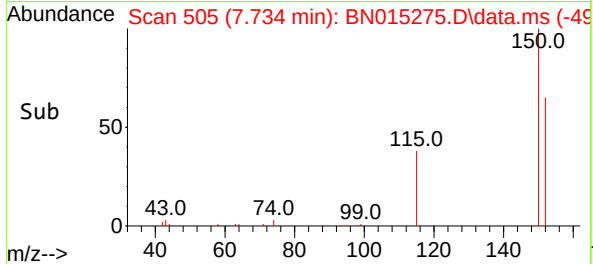




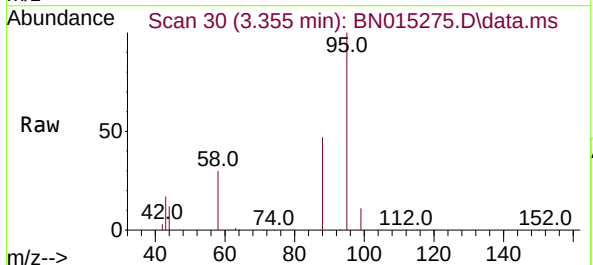
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.734 min Scan# 505
Delta R.T. 0.002 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08



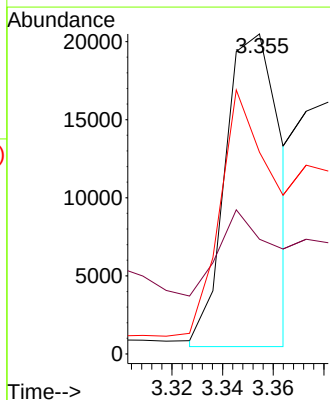
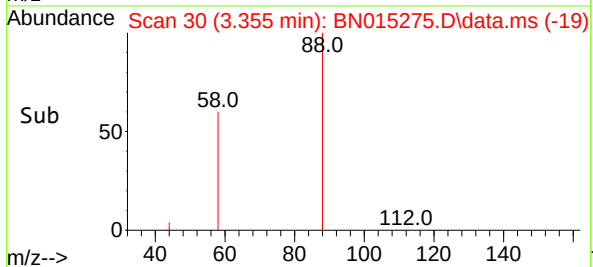
Tgt Ion: 152 Resp: 25326
Ion Ratio Lower Upper
152 100
150 154.1 119.0 178.6
115 59.3 62.2 93.4#



#2
1,4-Dioxane
Concen: 2.58 ng m
RT: 3.355 min Scan# 30
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08



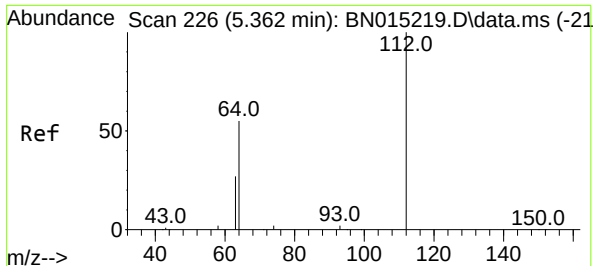
Tgt Ion: 88 Resp: 30614
Ion Ratio Lower Upper
88 100
43 25.8 12.9 19.3#
58 75.2 38.1 57.1#



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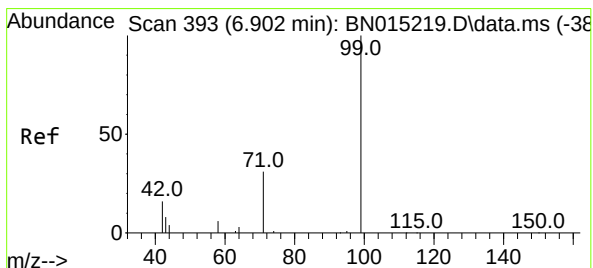
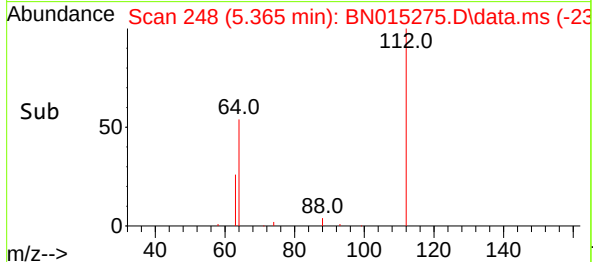
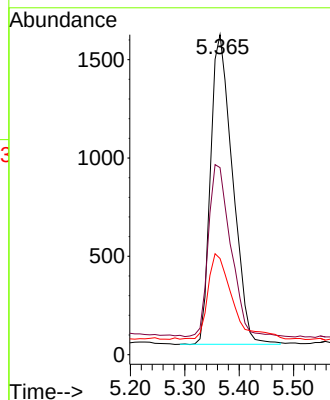
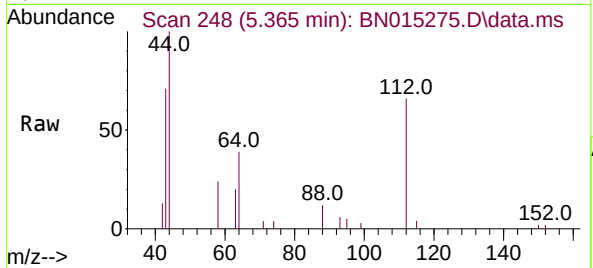
#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	39.0	58.6
63	30.5	20.6	30.8

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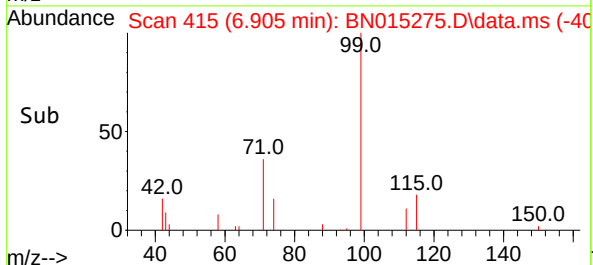
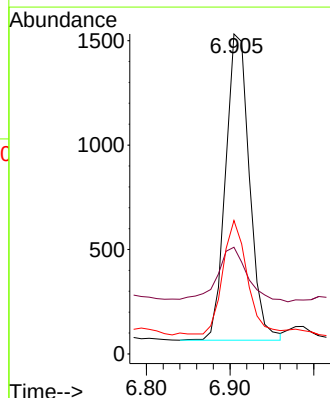
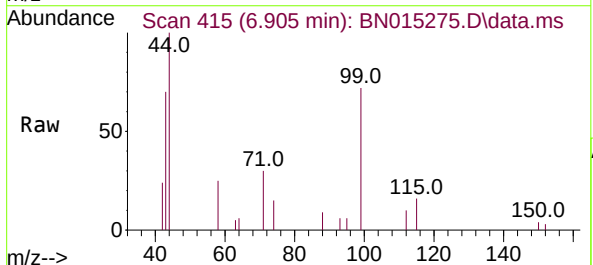
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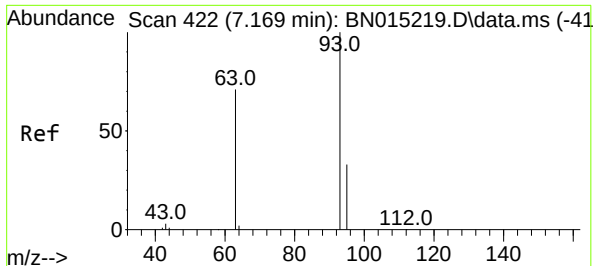
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#5
Phenol-d6
Concen: 0.04 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.7	8.9	13.3#
71	37.5	35.6	53.4





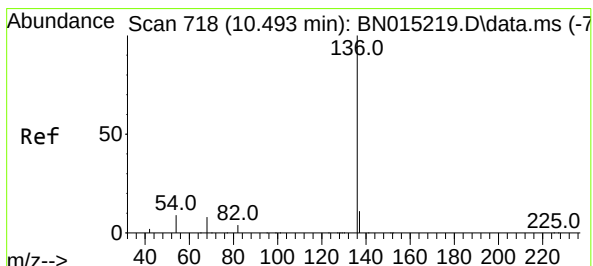
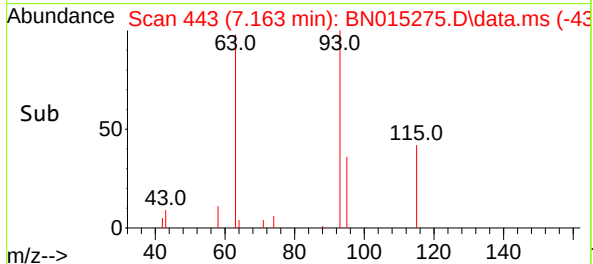
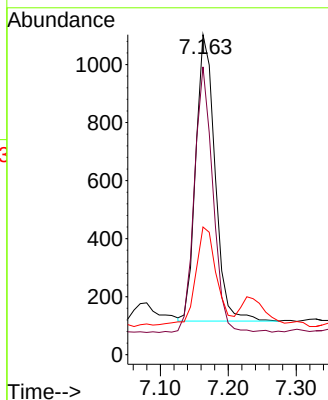
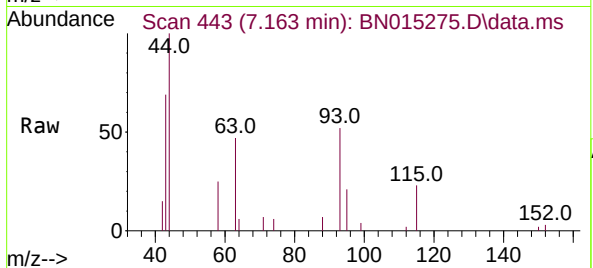
#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.007 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion: 93 Resp: 1946
Ion Ratio Lower Upper
93 100
63 89.8 46.6 70.0#
95 37.4 28.6 42.8

Instrument :
BNA_N
ClientSampleId :
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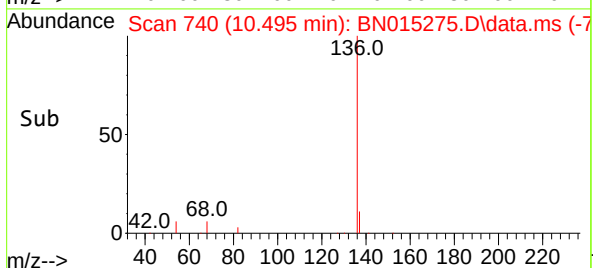
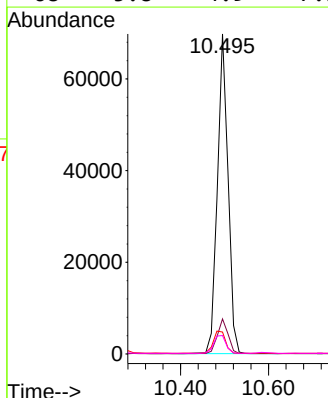
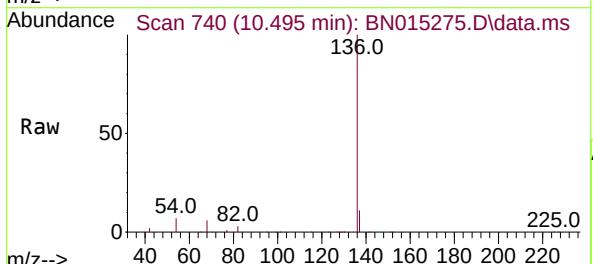
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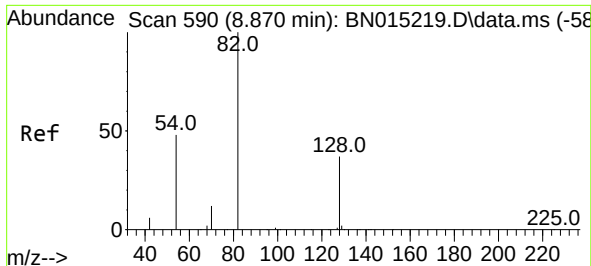
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion: 136 Resp: 117557
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 6.8 5.4 8.2
68 5.8 4.9 7.3





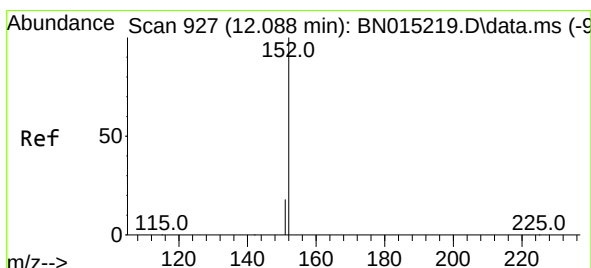
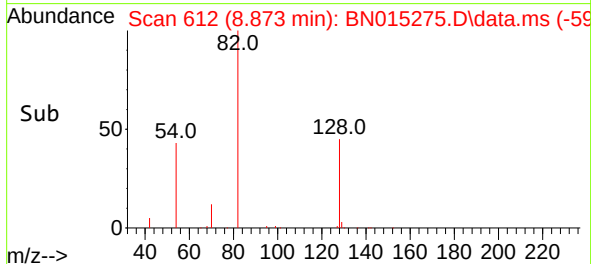
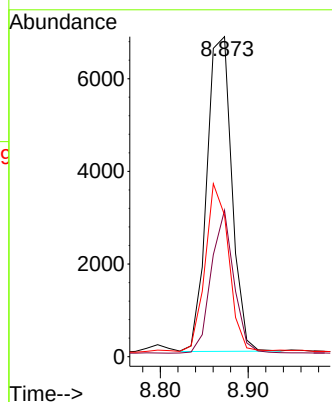
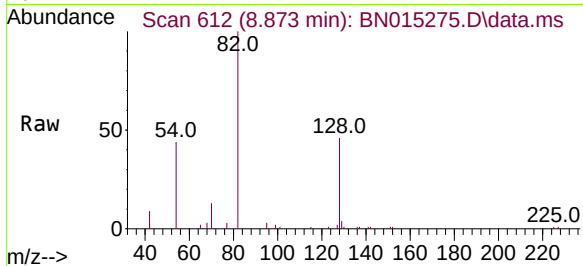
#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	31.6	47.4
54	44.3	29.0	43.4

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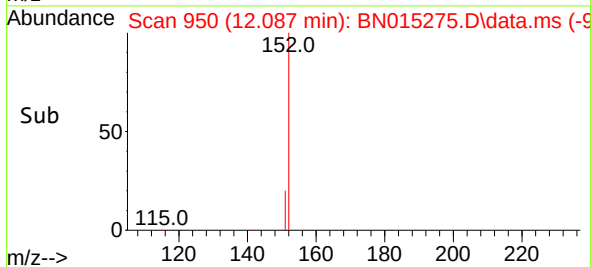
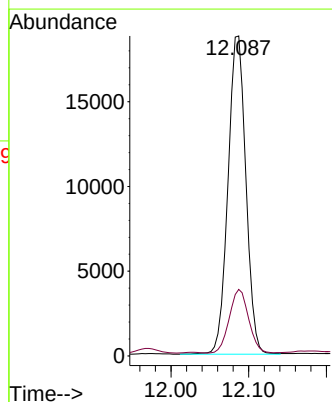
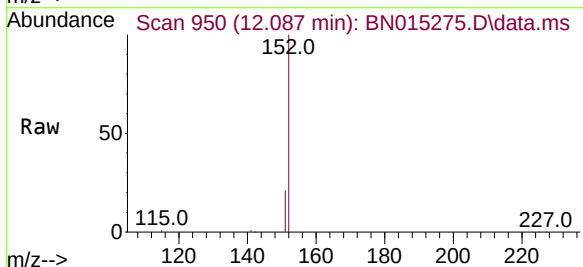
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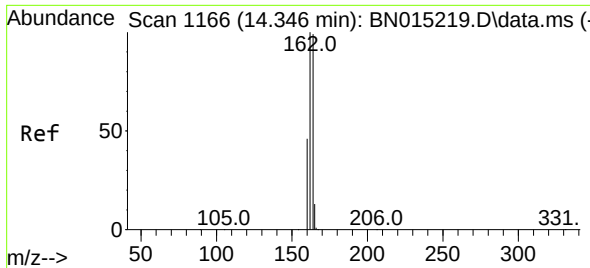
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#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

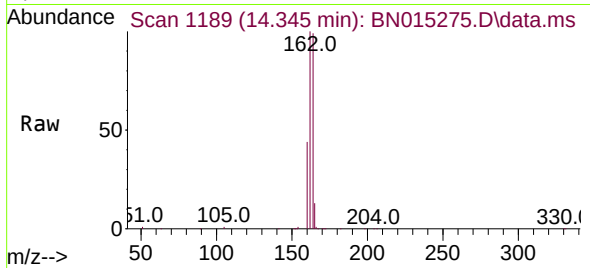
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.7	25.1





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

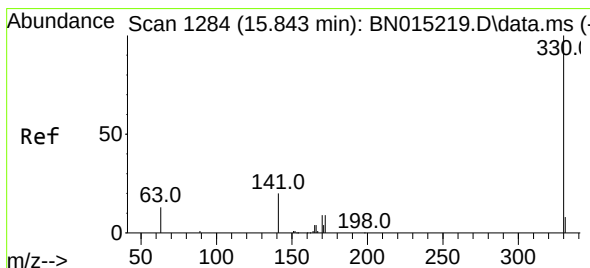
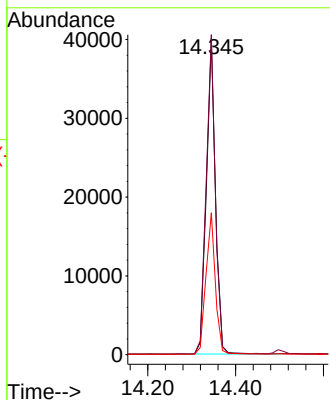
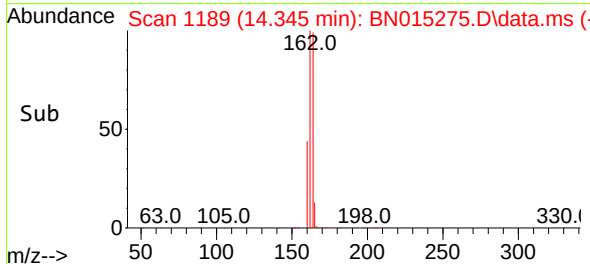
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RE132D5-20210618DL



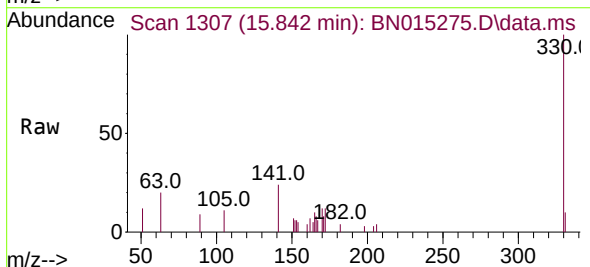
Tgt Ion:164 Resp: 57472
Ion Ratio Lower Upper
164 100
162 101.2 83.8 125.6
160 44.9 37.4 56.0

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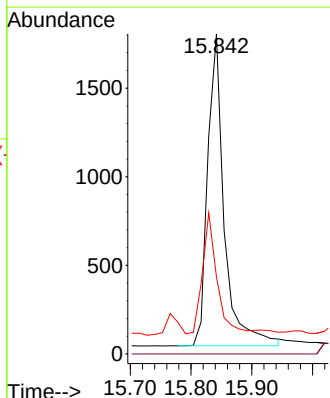
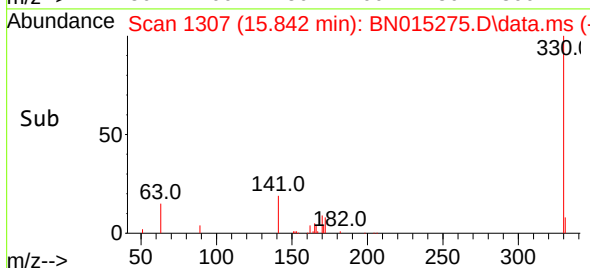
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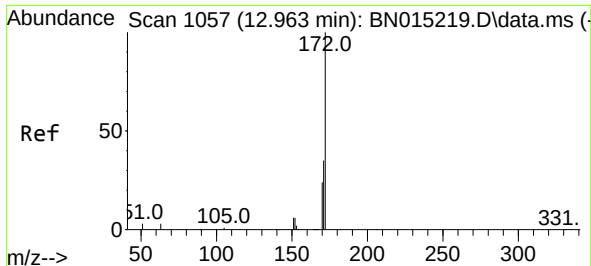


#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

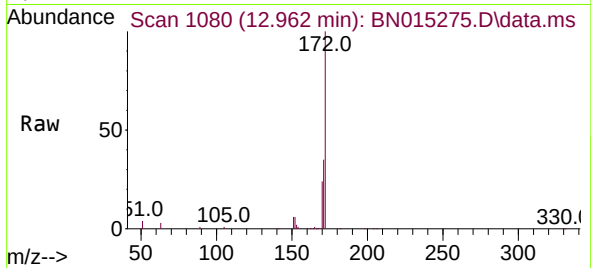


Tgt Ion:330 Resp: 3335
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.2 22.4 33.6#

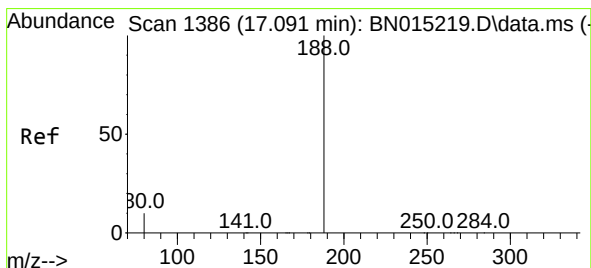
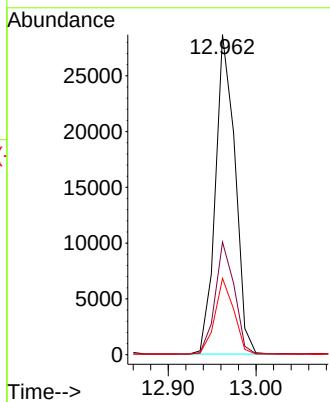
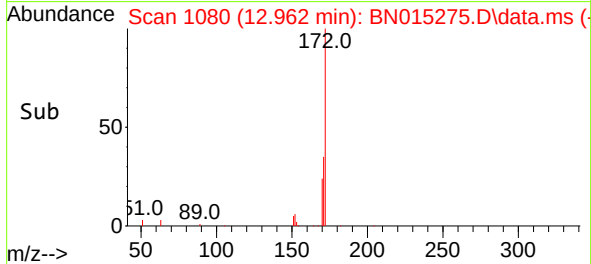




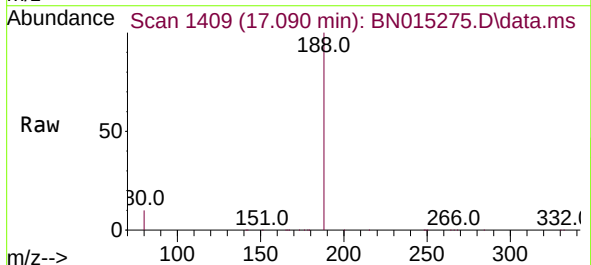
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2-Fluorobiphenyl
Concen: 0.19 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08



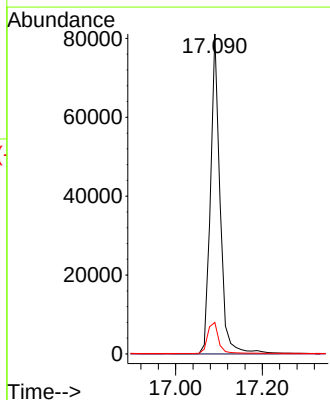
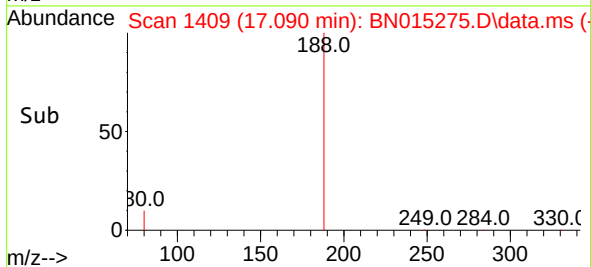
Tgt Ion:172 Resp: 44533
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 23.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08



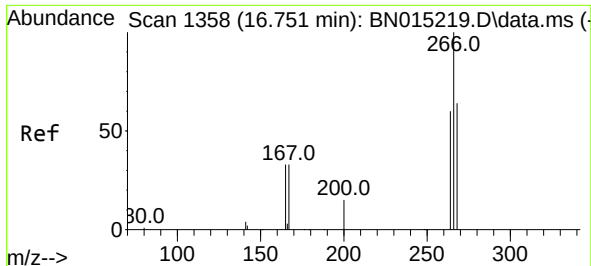
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.0 13.4



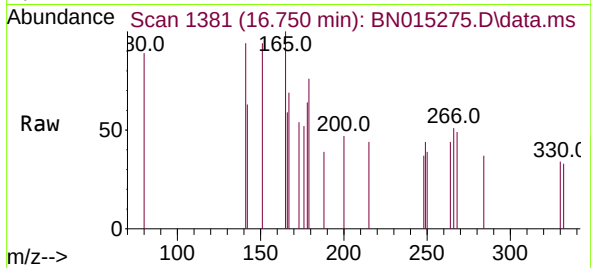
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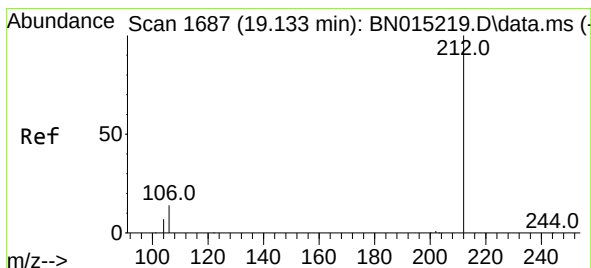
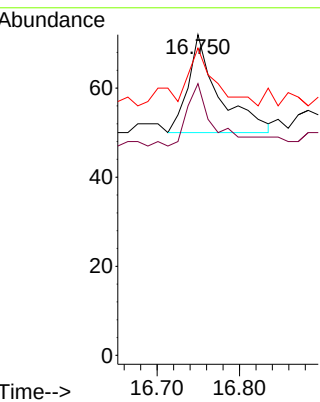
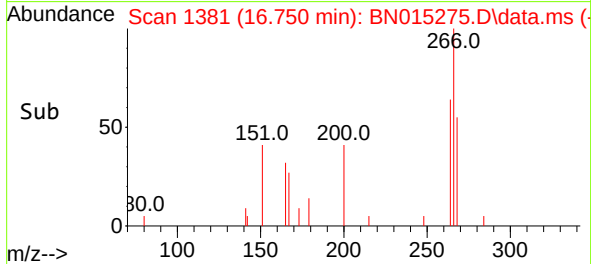
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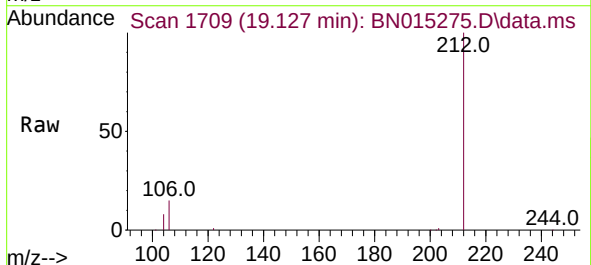
#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08



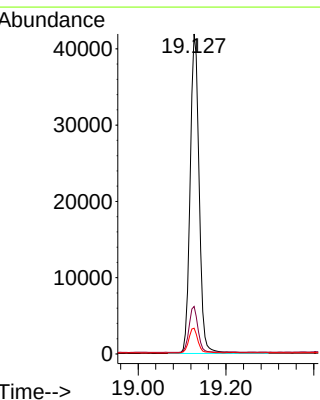
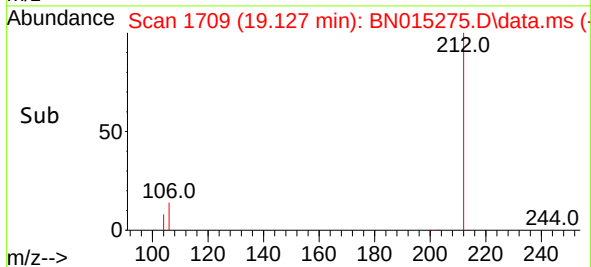
Tgt Ion:	266	Resp:	57
Ion Ratio	Lower	Upper	
266	100		
264	63.2	51.0	76.4
268	61.4	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08



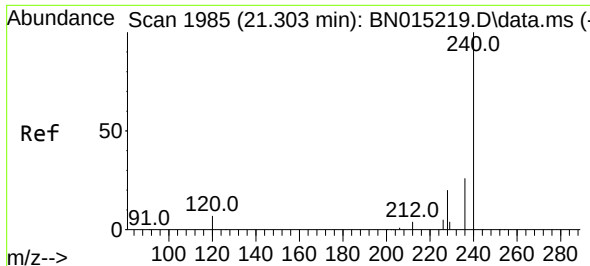
Tgt Ion:	212	Resp:	59248
Ion Ratio	Lower	Upper	
212	100		
106	14.3	7.0	10.6#
104	8.0	4.1	6.1#



Instrument :
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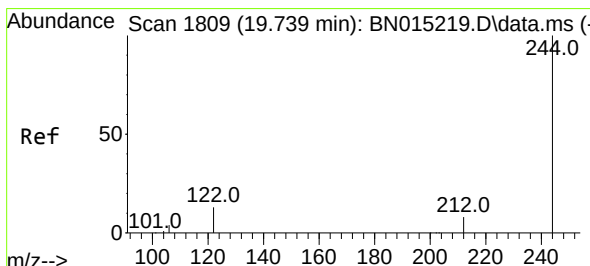
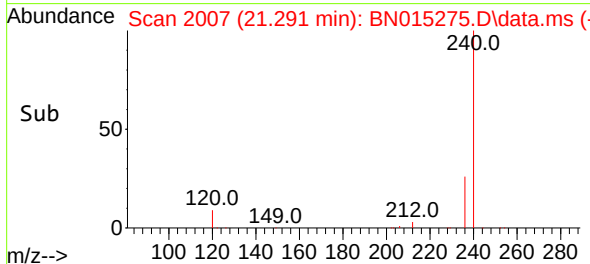
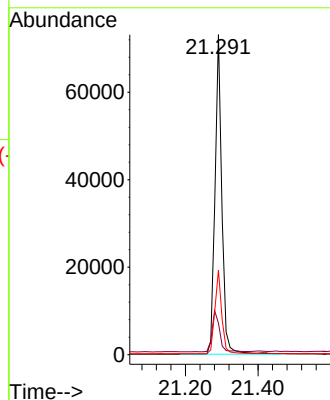
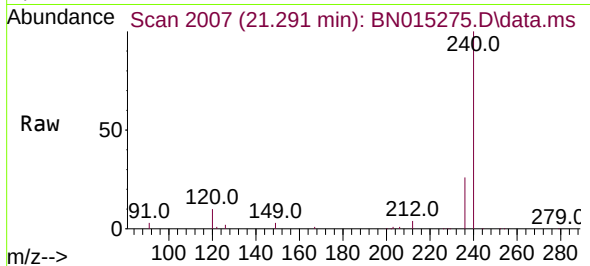
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion:240 Resp: 95895
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.4#
236 26.4 21.4 32.2

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618DL

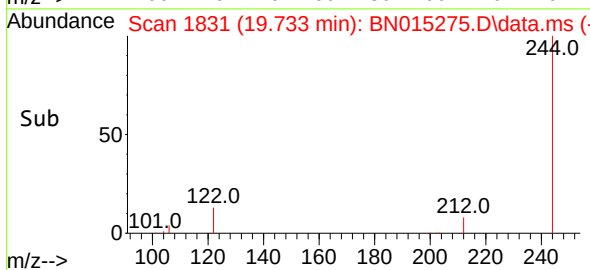
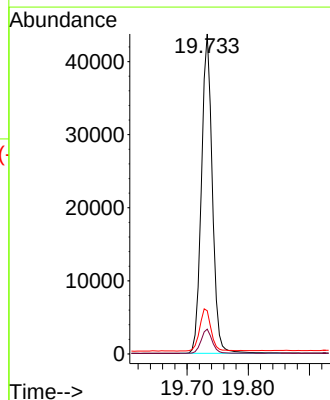
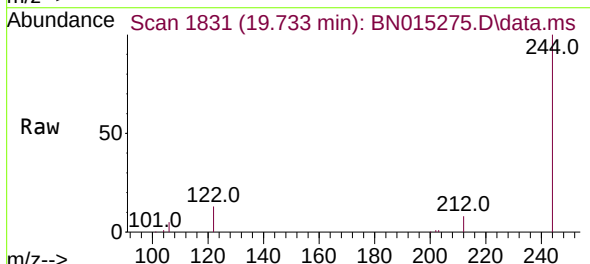
Manual Integrations
APPROVED

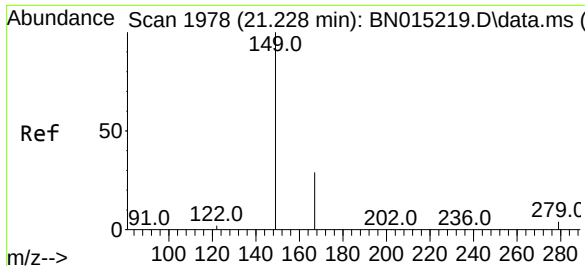
mohammad
7/2/2021 10:39:05 AM



#31
Terphenyl-d14
Concen: 0.24 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

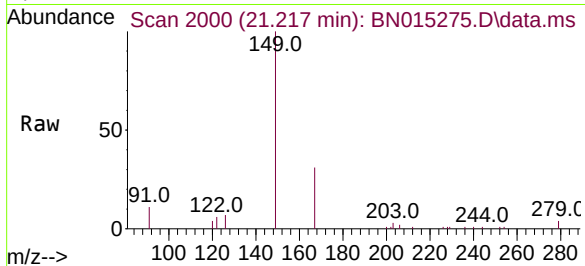
Tgt Ion:244 Resp: 53992
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 13.5 6.2 9.2#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

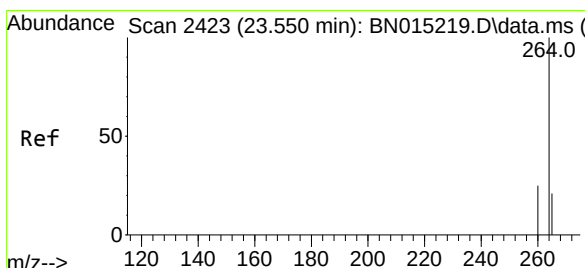
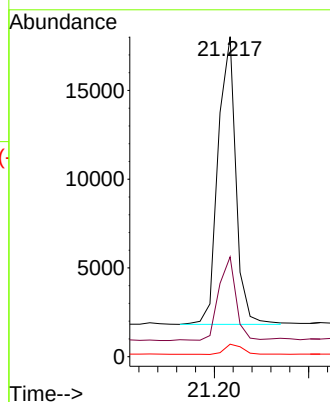
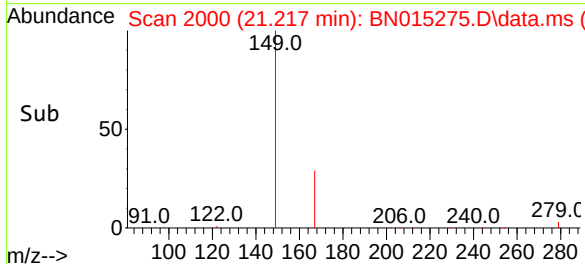
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618DL



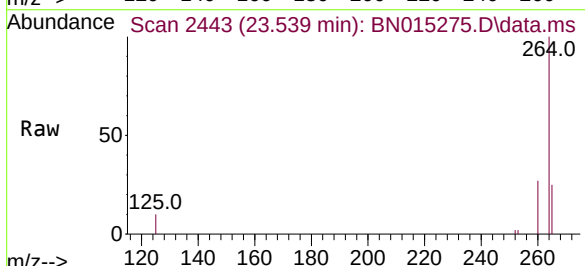
Tgt Ion:149 Resp: 21253
Ion Ratio Lower Upper
149 100
167 28.3 28.9 43.3#
279 3.6 4.9 7.3#

Manual Integrations
APPROVED

mohammad
7/2/2021 10:39:05 AM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08



Tgt Ion:264 Resp: 34181
Ion Ratio Lower Upper
264 100
260 27.2 20.6 31.0
265 24.7 21.4 32.2

