

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010185.D
 Acq On : 11 Mar 2020 10:32
 Operator : CG/JU
 Sample : L1842-29
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20200306

Manual Integrations
 APPROVED

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 3/11/2020 5:08:34 PM

Quant Time: Mar 11 15:38:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	697	0.40	ng	-0.03
7) Naphthalene-d8	10.16	136	2512	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	1543	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	3535	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	3147	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3288	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	317	0.20	ng	-0.02
5) Phenol-d6	6.62	99	214	0.11	ng	-0.02
8) Nitrobenzene-d5	8.66	82	740m	0.35	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1347	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.56	330	235	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	2073	0.36	ng	-0.03
25) Fluoranthene-d10	18.83	212	3672	0.30	ng	-0.03
29) Terphenyl-d14	19.43	244	3250	0.43	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.03	88	2716m	3.805	ng	Qvalue
22) Pentachlorophenol	16.44	266	3949	5.536	ng	# 85

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

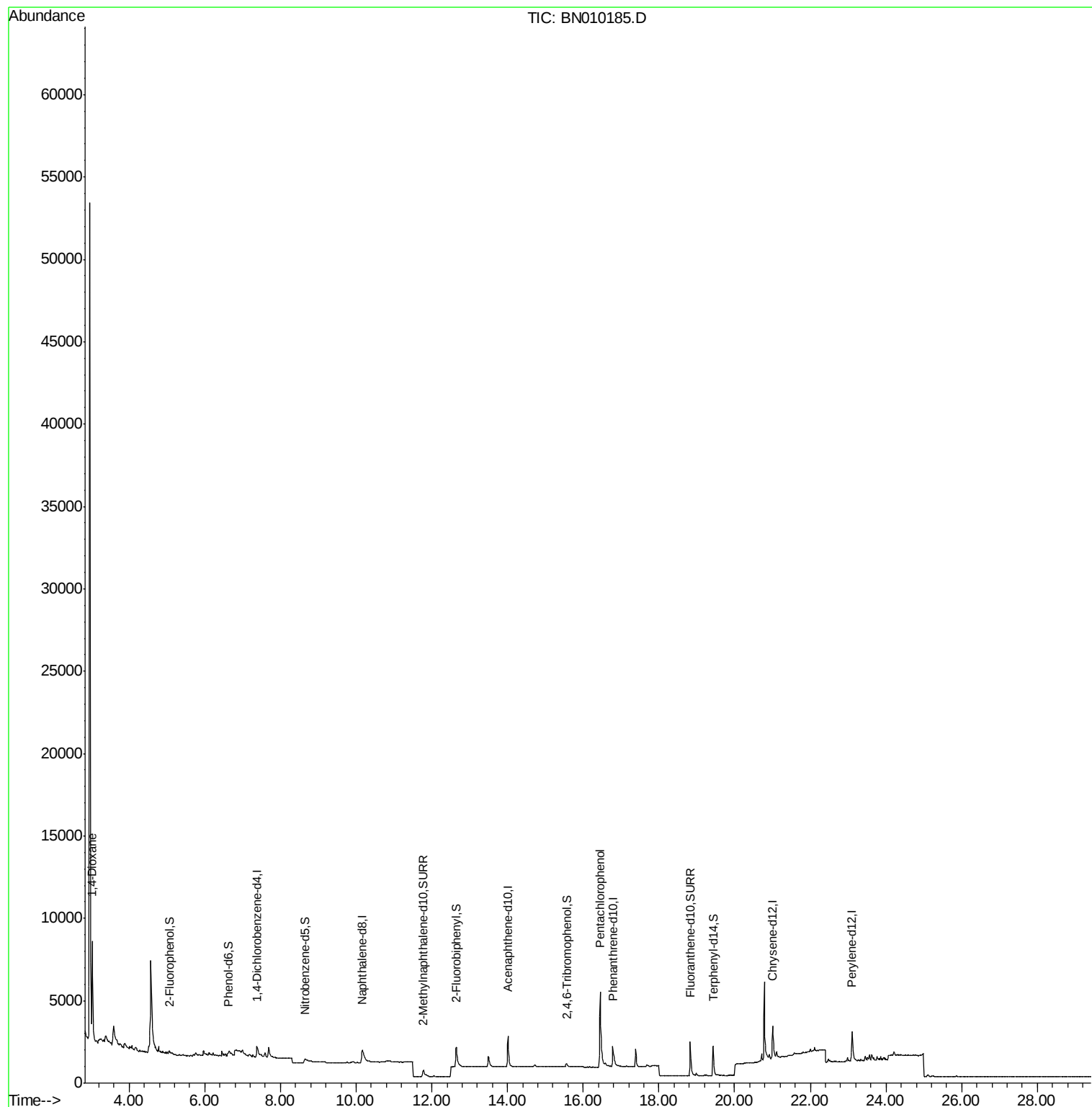
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
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#1

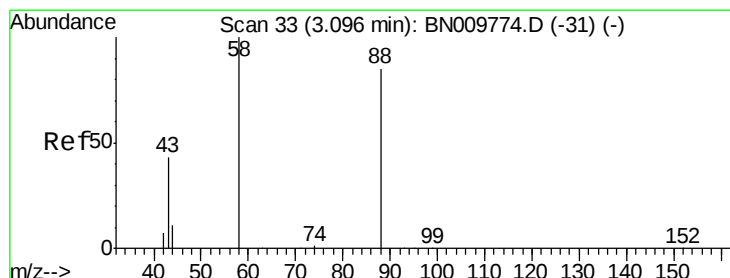
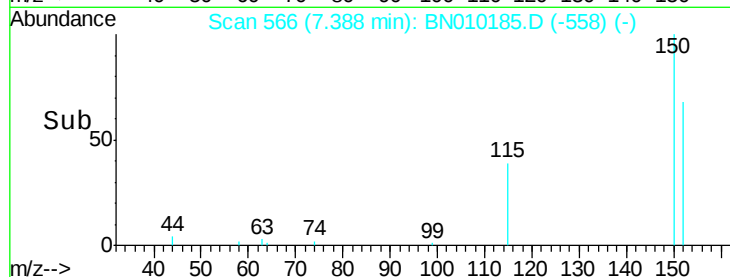
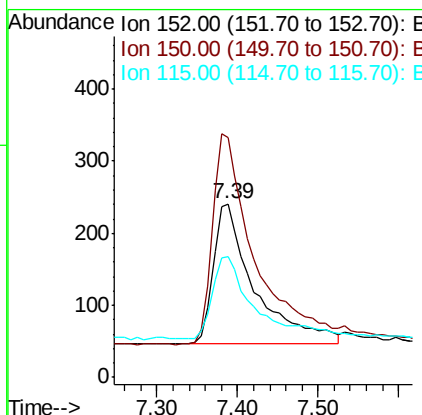
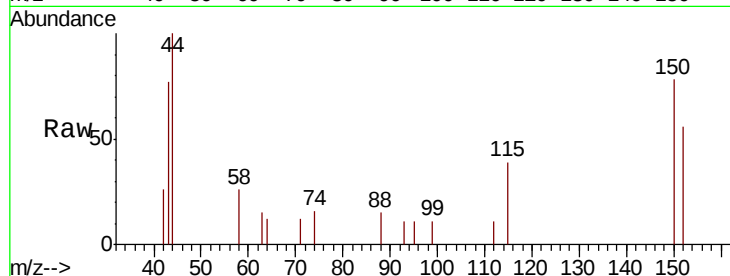
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Instrument :
BNA_N
ClientSampleId :
RE125D3-20200306

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.2	120.6	181.0
115	69.3	51.2	76.8

Manual Integrations
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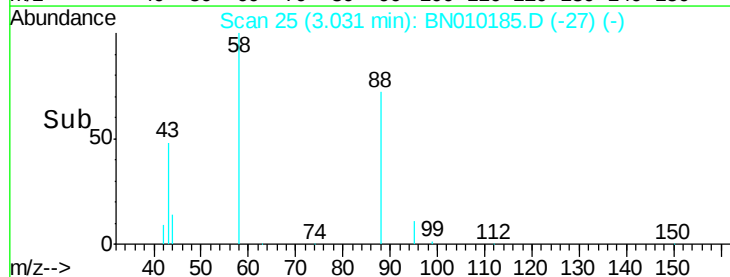
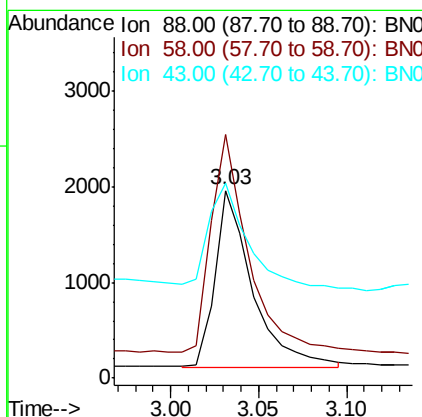
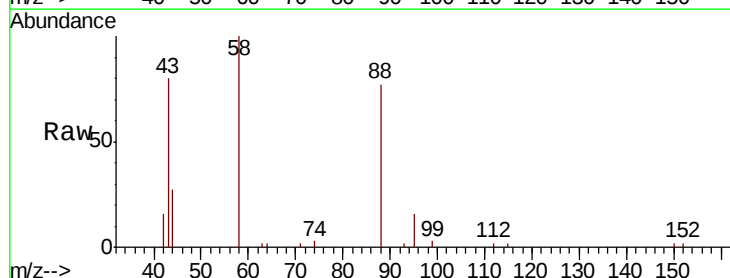
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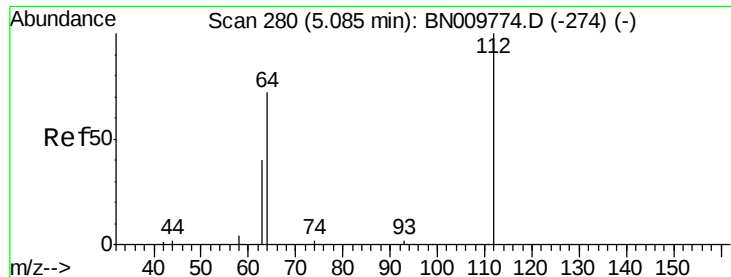


#2

1,4-Dioxane
Concen: 3.805 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#





#4

2-Fluorophenol

Concen: 0.205 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

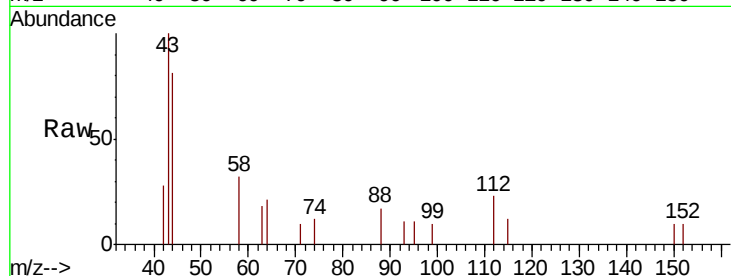
ClientSampleId :

RE125D3-20200306

Tot Ion:	112	Resp:	317
Ion Ratio	Lower	Upper	
112	100		
64	77.9	65.8	98.6
63	44.8	38.7	58.1

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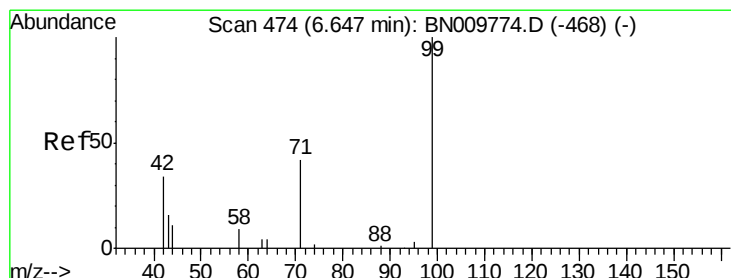
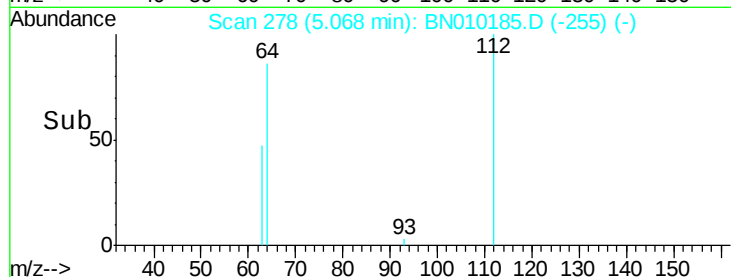
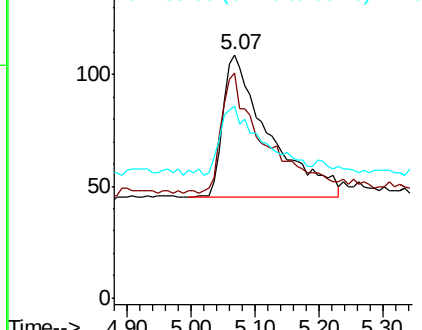
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.113 ng

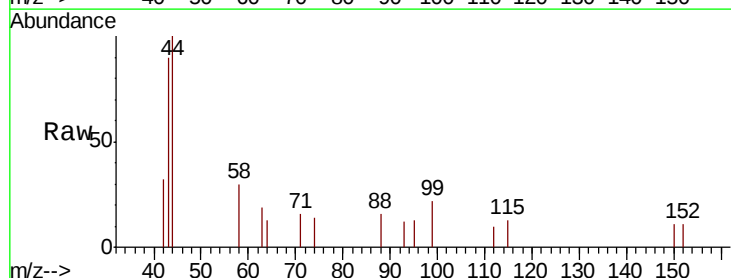
RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

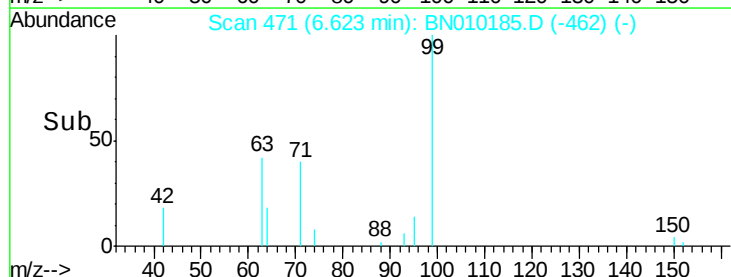
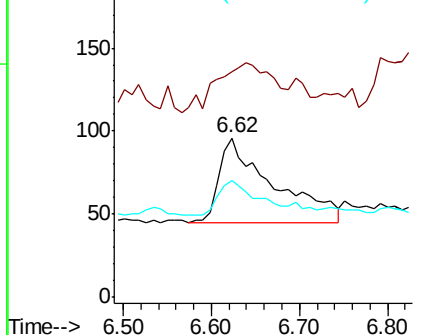
Tgt Ion:	99	Resp:	214
Ion Ratio	Lower	Upper	
99	100		
42	64.5	30.8	46.2#
71	34.6	34.9	52.3#



Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

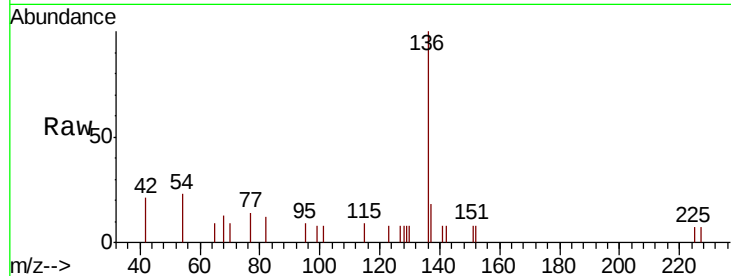
ClientSampleId :

RE125D3-20200306

Tot Ion	Ratio	Lower	Upper
136	100		
137	17.7	11.3	16.9#
54	22.6	13.4	20.2#
68	13.3	7.0	10.4#

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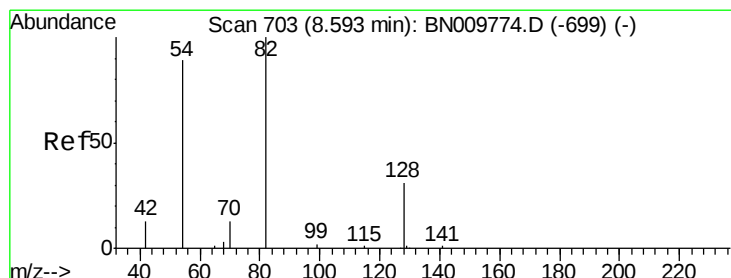
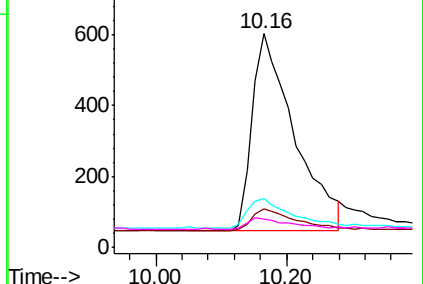
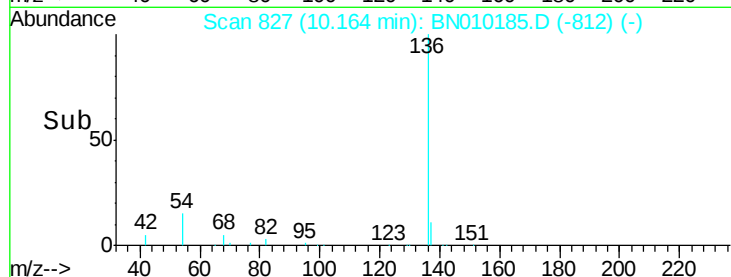
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



#8

Nitrobenzene-d5

Concen: 0.354 ng m

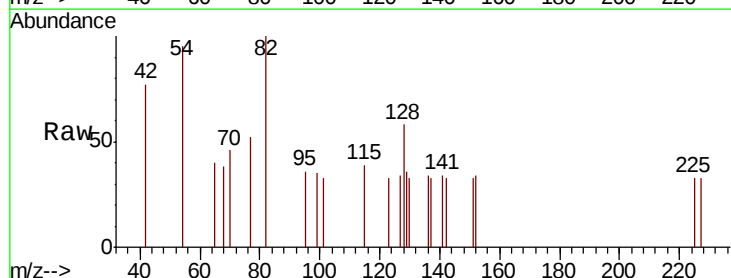
RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
82	100		
128	58.0	32.5	48.7#
54	94.9	73.5	110.3

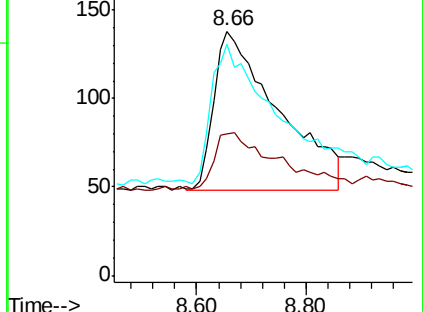
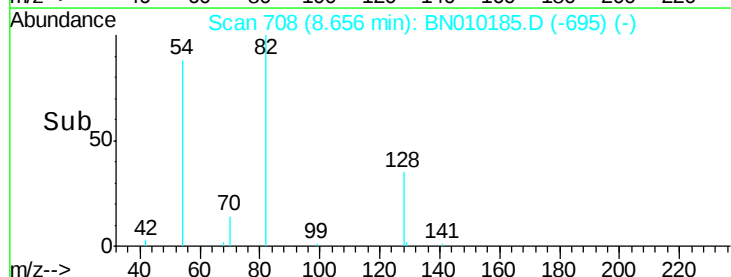


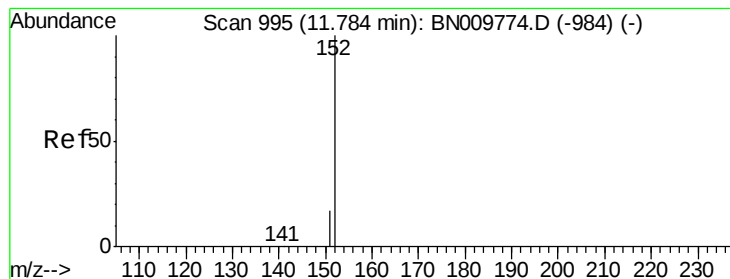
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->





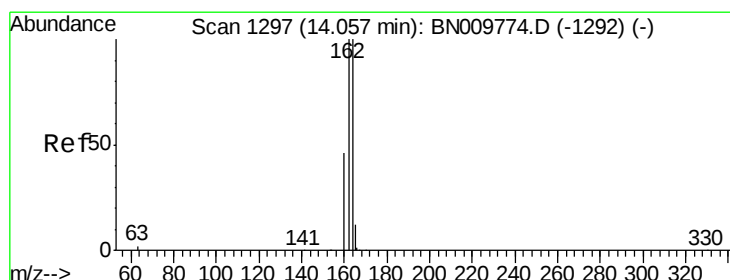
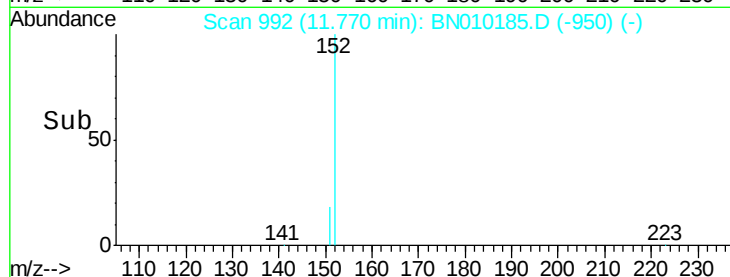
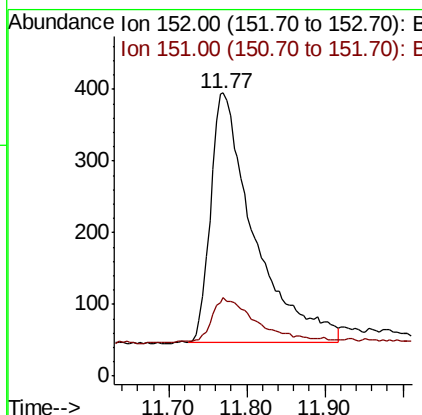
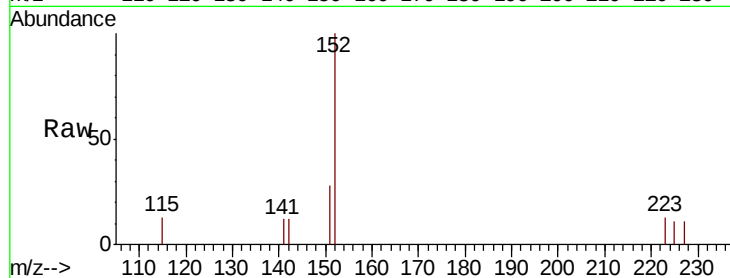
#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Instrument :
BNA_N
ClientSampleId :
RE125D3-20200306

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.1	22.7

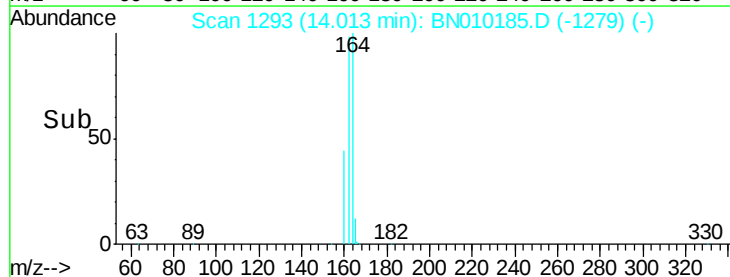
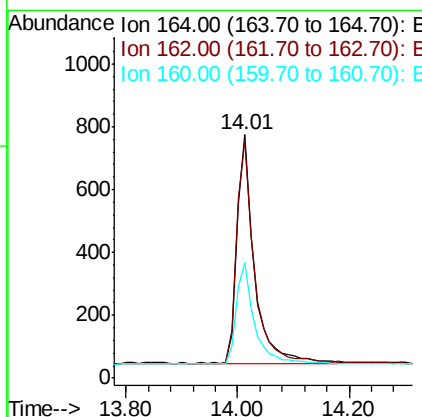
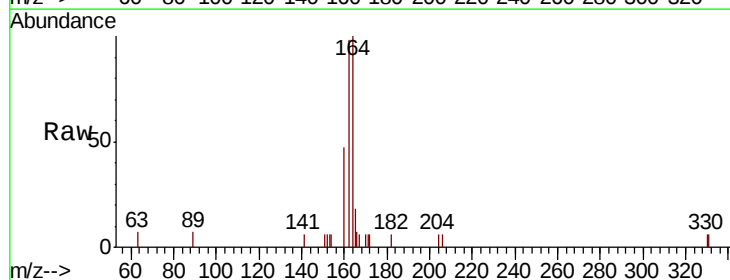
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.9	119.9
160	47.5	38.2	57.2





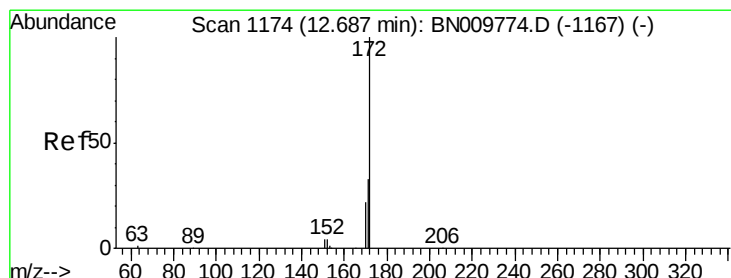
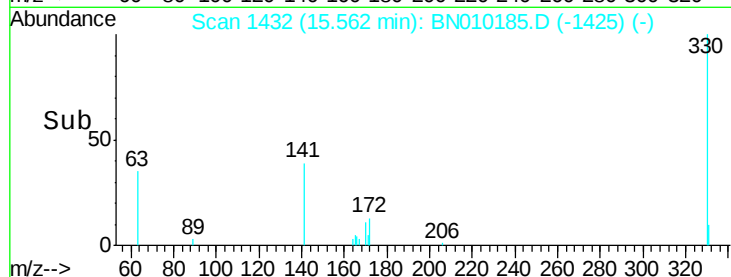
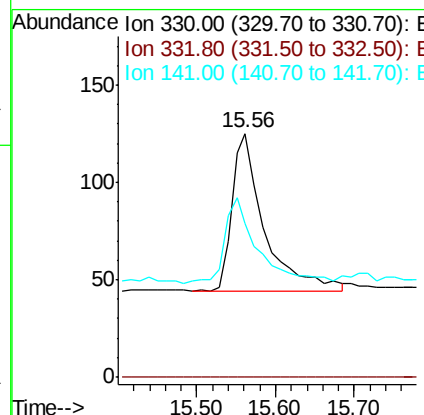
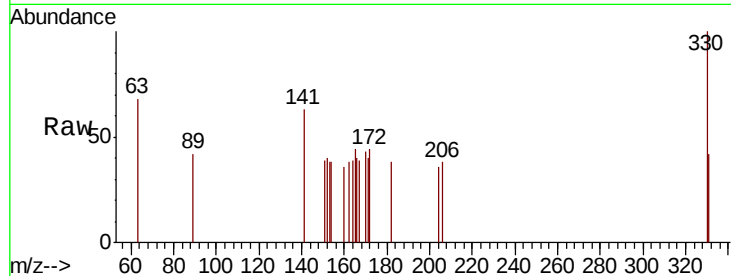
#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.56 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Instrument :
BNA_N
ClientSampleId :
RE125D3-20200306

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	54.5	36.8	55.2

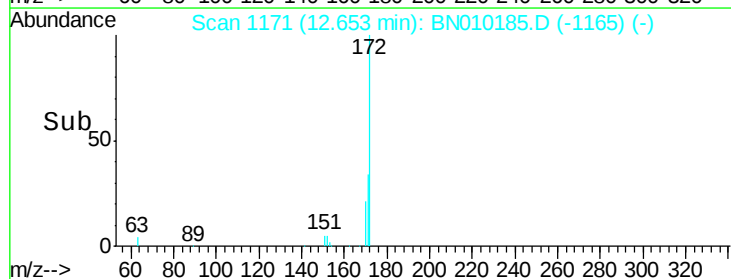
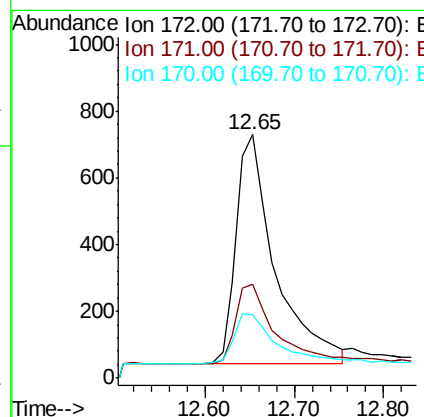
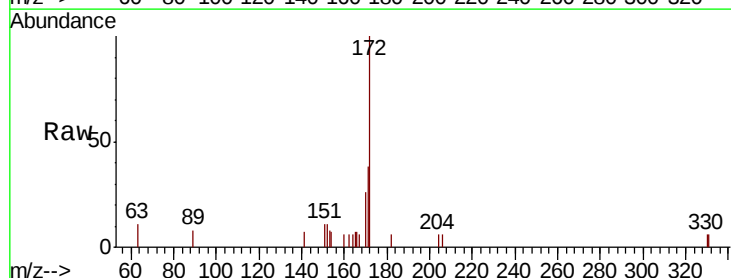
Manual Integrations
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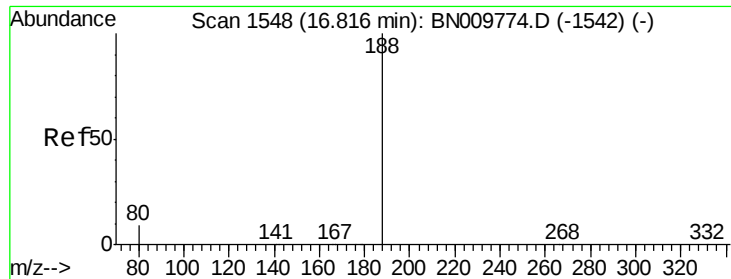
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#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.7	43.1
170	25.9	20.1	30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

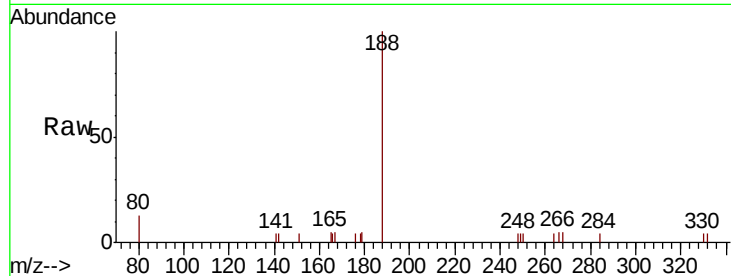
ClientSampleId :

RE125D3-20200306

Tot Ion:	188	Resp:	3535
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.7	8.3	12.5#

Manual Integrations
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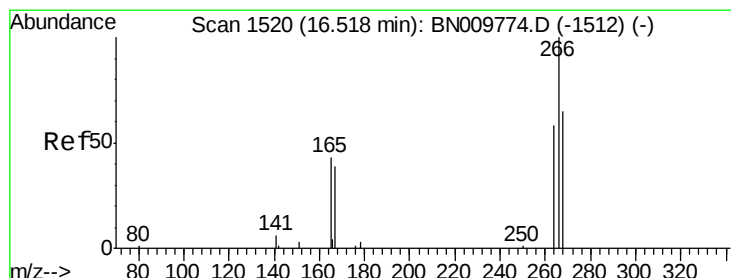
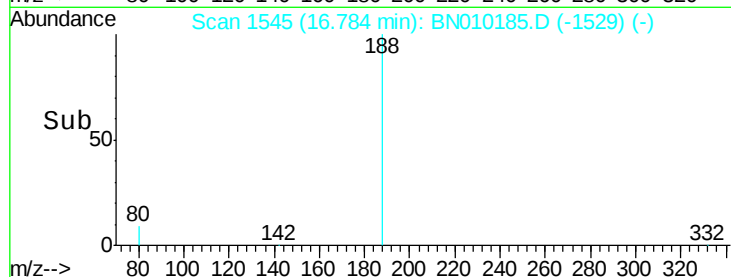
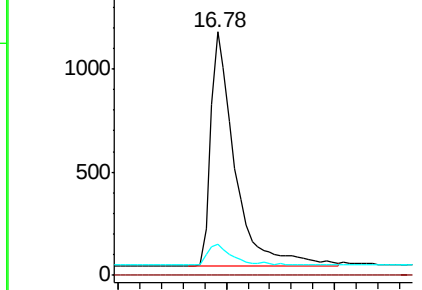
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#22

Pentachlorophenol

Concen: 5.536 ng

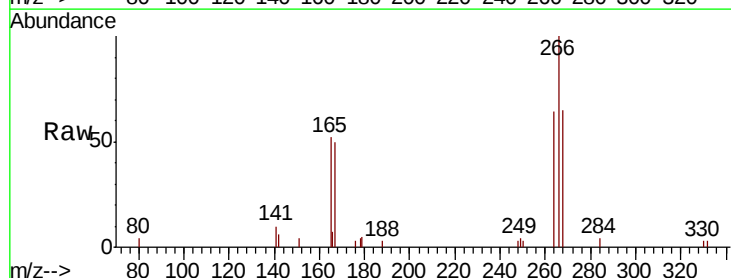
RT: 16.44 min Scan# 1513

Delta R.T. -0.07 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

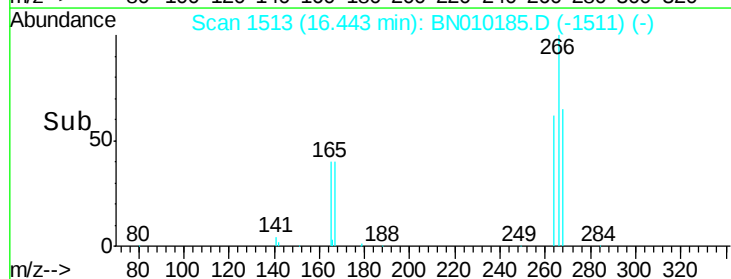
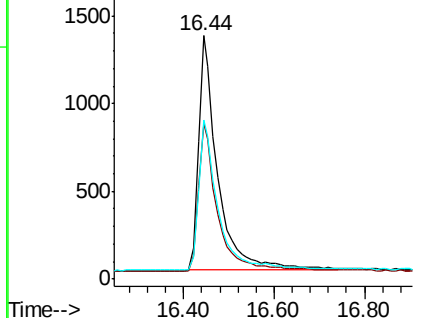
Tgt Ion:	266	Resp:	3949
Ion Ratio	Lower	Upper	
266	100		
264	63.8	58.1	87.1
268	65.4	65.7	98.5#

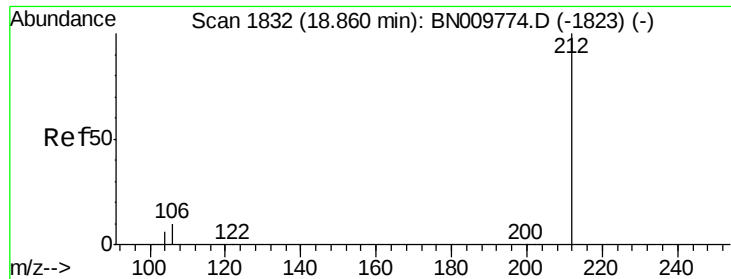


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.300 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

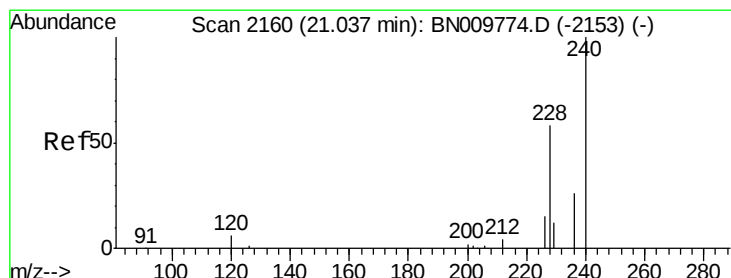
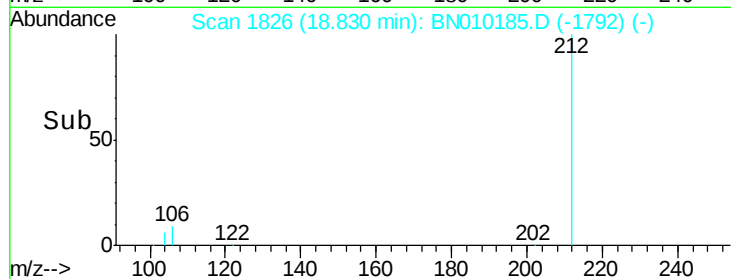
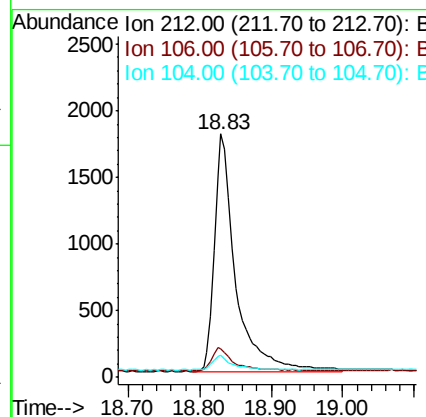
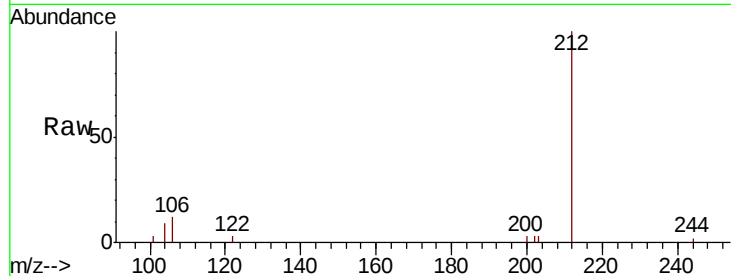
ClientSampleId :

RE125D3-20200306

Tot Ion:	212	Resp:	3672
Ion Ratio	Lower	Upper	
212	100		
106	9.5	8.4	12.6
104	5.7	4.8	7.2

Manual Integrations
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#27

Chrysene-d12

Concen: 0.400 ng

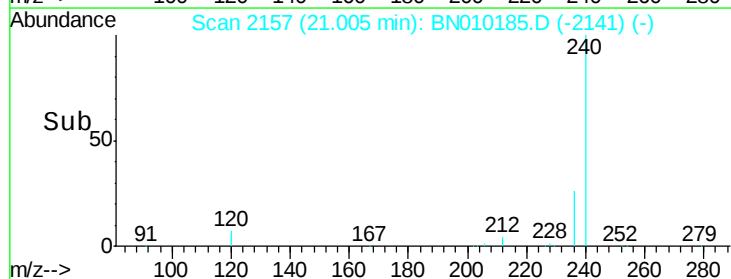
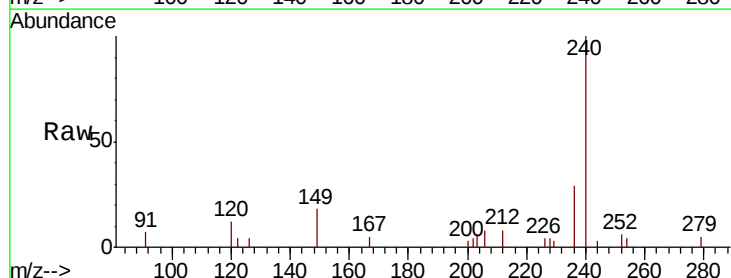
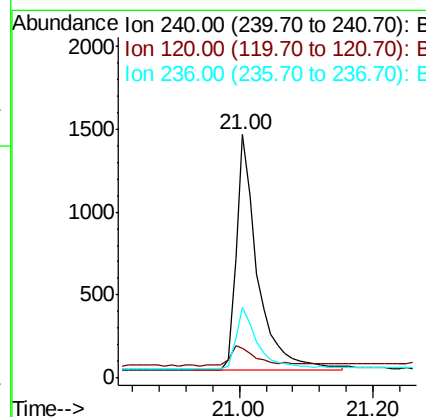
RT: 21.00 min Scan# 2157

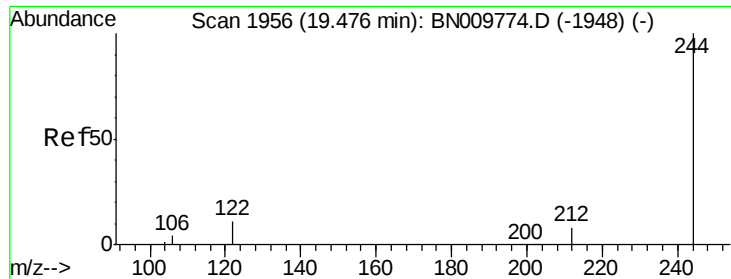
Delta R.T. -0.03 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Tgt Ion:	240	Resp:	3147
Ion Ratio	Lower	Upper	
240	100		
120	12.4	7.9	11.9#
236	29.3	22.0	33.0





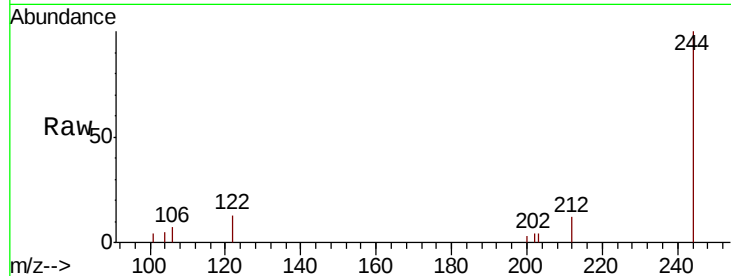
#29
 Terphenyl-d14
 Concen: 0.432 ng
 RT: 19.43 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: BN010185.D
 Acq: 11 Mar 2020 10:32

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20200306

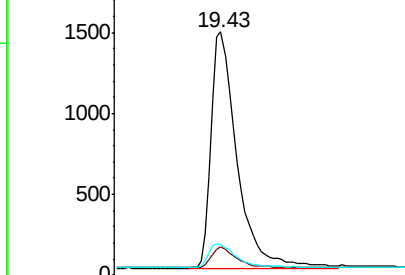
Tot Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.0	12.0
122	12.8	10.0	15.0

Manual Integrations
 APPROVED

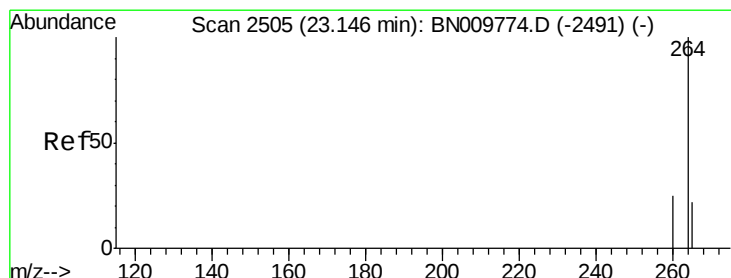
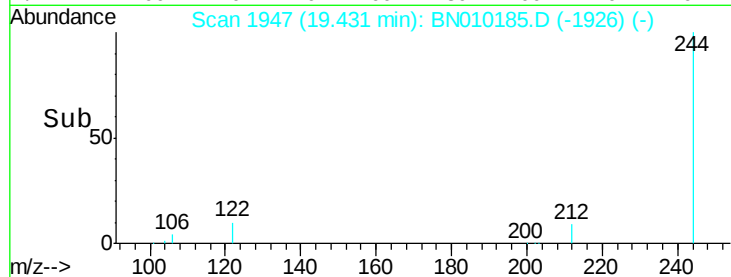
mohammad
 3/11/2020 5:08:34 PM



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



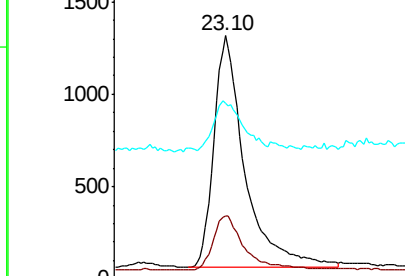
Time--> 19.30 19.40 19.50 19.60



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2493
 Delta R.T. -0.04 min
 Lab File: BN010185.D
 Acq: 11 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.1	31.7
265	72.4	57.5	86.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time--> 23.00 23.10 23.20 23.30

