

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010166.D
 Acq On : 10 Mar 2020 18:52
 Operator : CG/JU
 Sample : L1842-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

Manual Integrations
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 3/11/2020 5:07:51 PM

Quant Time: Mar 11 11:54:39 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	7.37	152	825	0.40	ng	-0.05
7) Naphthalene-d8	10.15	136	2579	0.40	ng	-0.03
13) Acenaphthene-d10	14.01	164	1708	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	3427	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3823	0.40	ng	-0.04
34) Perylene-d12	23.09	264	3936	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	390	0.21	ng	-0.04
5) Phenol-d6	6.63	99	206	0.09	ng	-0.02
8) Nitrobenzene-d5	8.59	82	884	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	1736	0.35	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	227	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2660	0.41	ng	-0.04
25) Fluoranthene-d10	18.82	212	4455	0.38	ng	-0.03
29) Terphenyl-d14	19.43	244	4433	0.49	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.03	88	7317m	8.660	ng	Qvalue
17) Acenaphthene	14.07	154	106	0.021	ng	90
18) Fluorene	15.10	166	233	0.034	ng	96
23) Phenanthrene	16.83	178	920	0.090	ng	97
26) Fluoranthene	18.85	202	254	0.021	ng	97

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

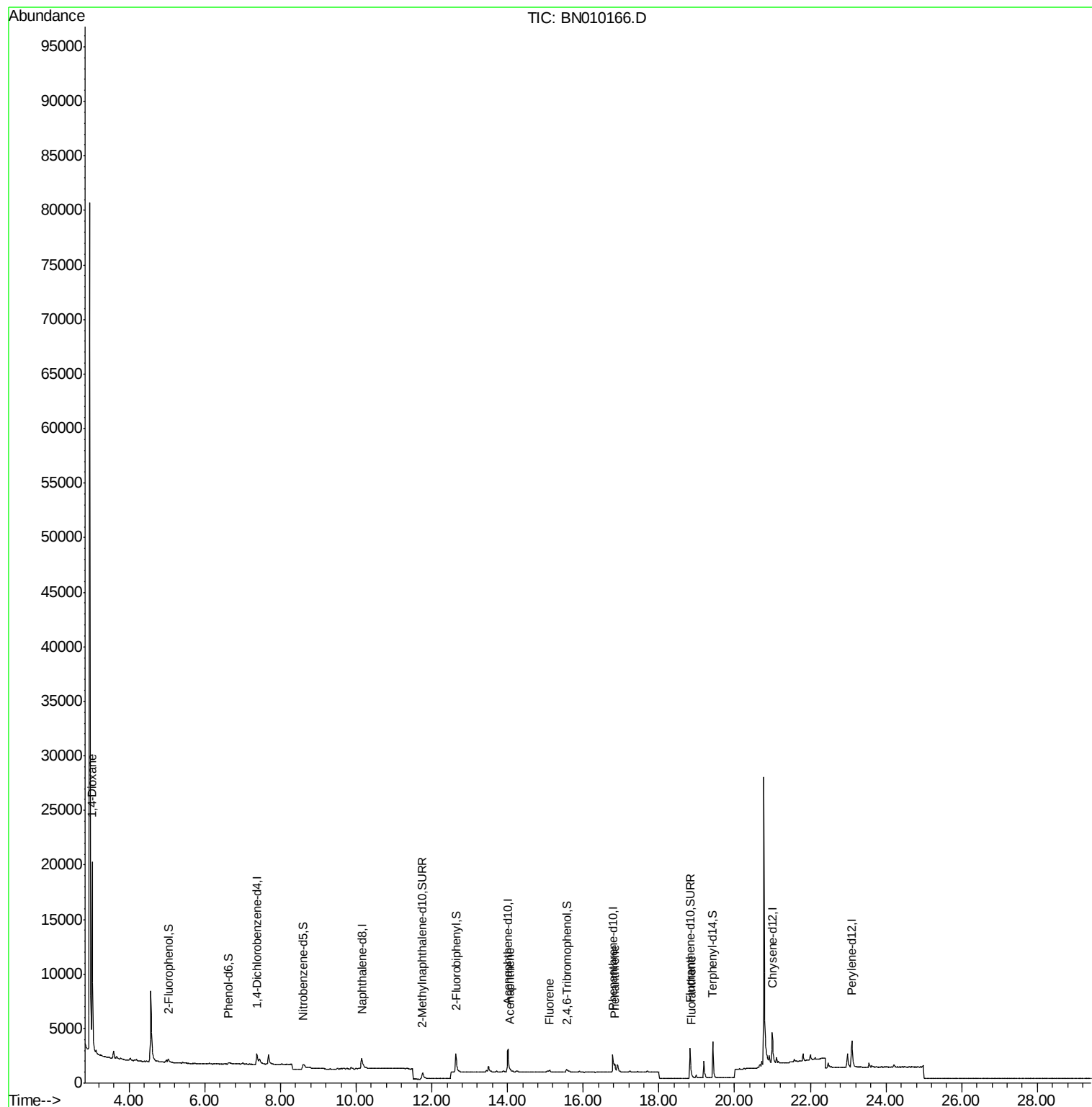
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010166.D
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Operator : CG/JU
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#1

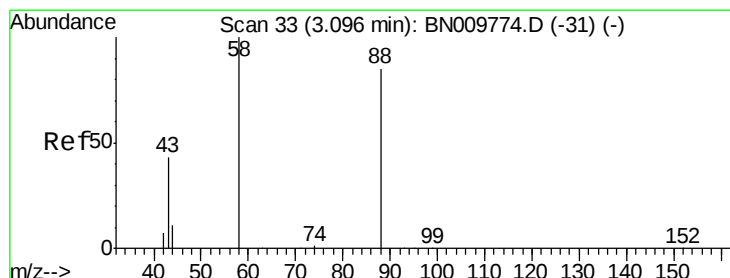
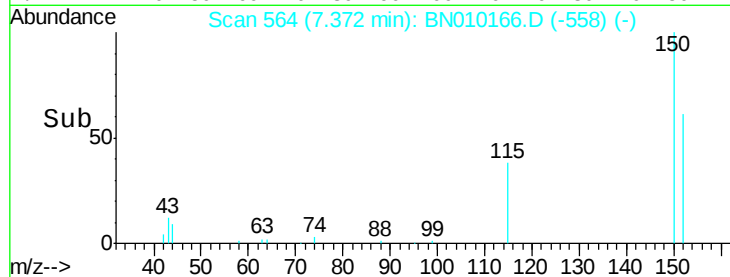
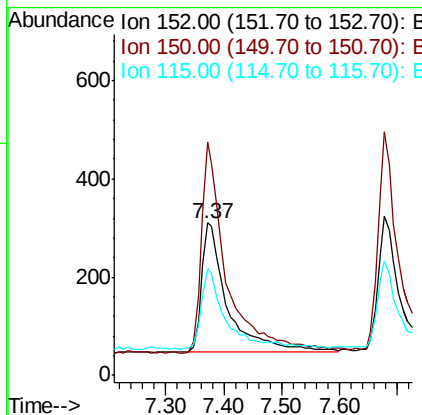
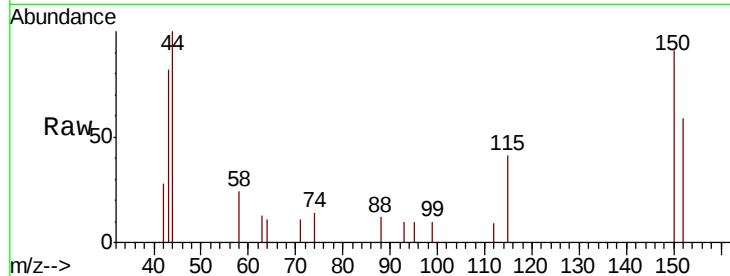
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Instrument :
BNA_N
ClientSampleId :
RE132D4-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	120.6	181.0
115	69.7	51.2	76.8

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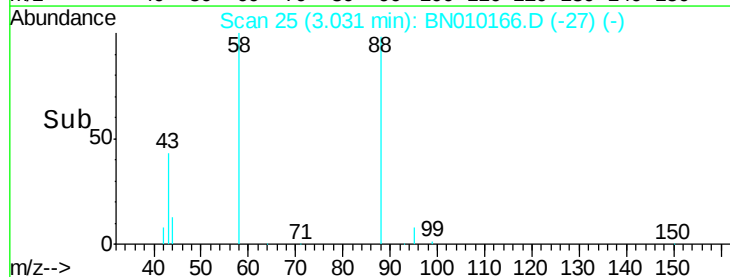
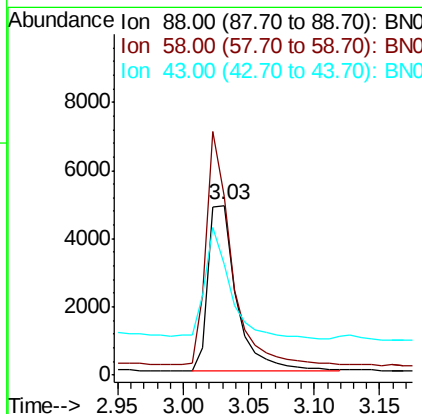
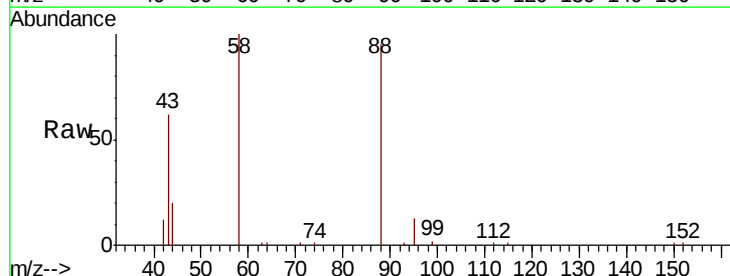
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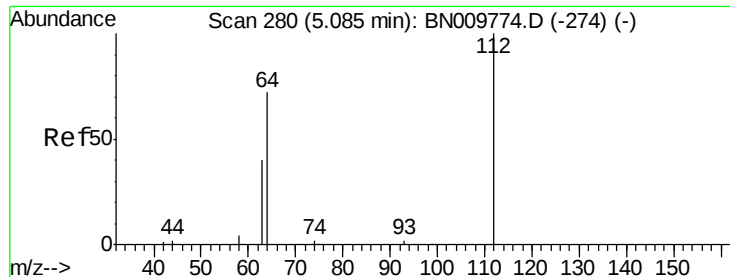


#2

1,4-Dioxane
Concen: 8.660 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

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: 0.213 ng

RT: 5.04 min Scan# 275

Delta R.T. -0.04 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

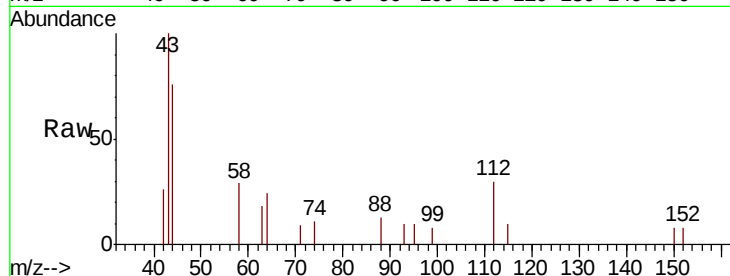
ClientSampleId :

RE132D4-20200305

Tot Ion:	112	Resp:	390
Ion	Ratio	Lower	Upper
112	100		
64	77.7	65.8	98.6
63	46.9	38.7	58.1

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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.04

200

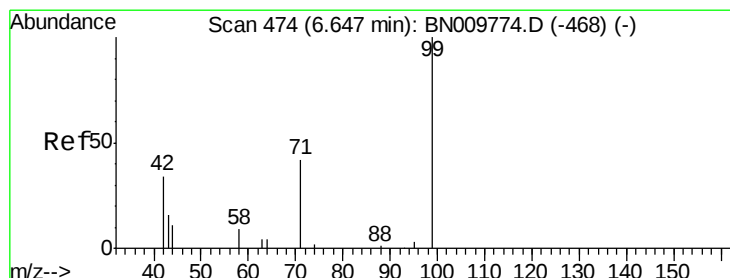
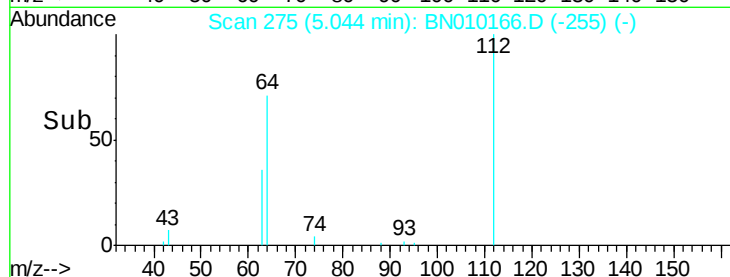
150

100

50

0

Time-->



#5

Phenol-d6

Concen: 0.092 ng

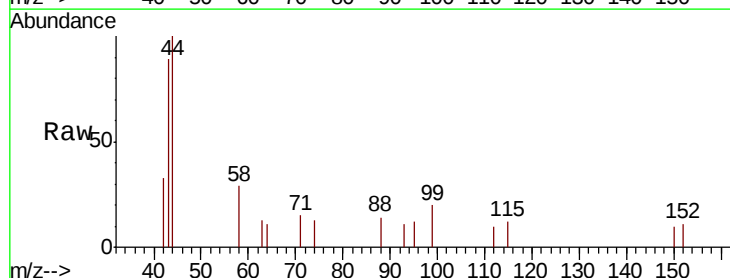
RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Tgt Ion:	99	Resp:	206
Ion	Ratio	Lower	Upper
99	100		
42	30.1	30.8	46.2#
71	47.1	34.9	52.3



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.63

200

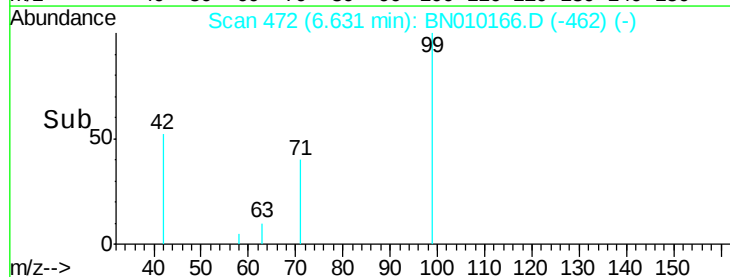
150

100

50

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

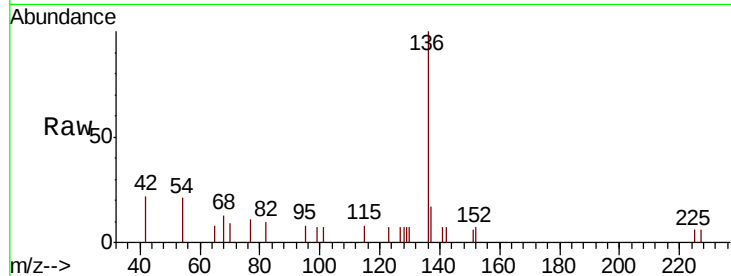
ClientSampleId :

RE132D4-20200305

Tot Ion	Ratio	Lower	Upper
136	100		
137	16.9	11.3	16.9#
54	21.0	13.4	20.2#
68	13.1	7.0	10.4#

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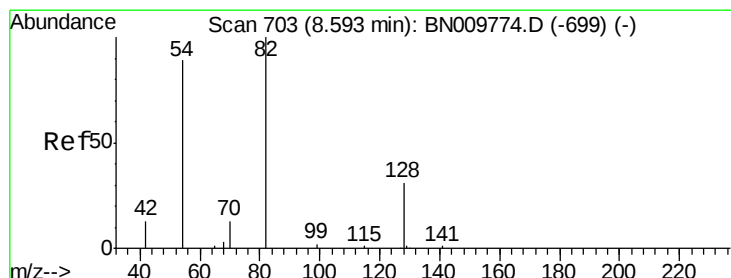
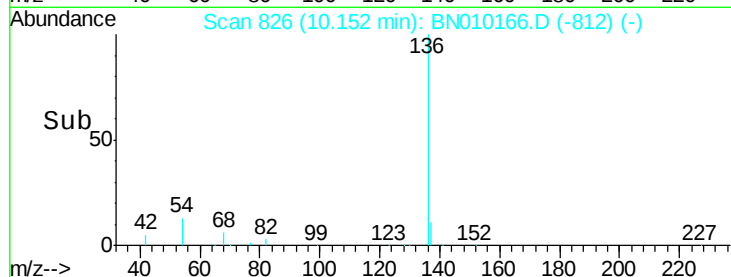
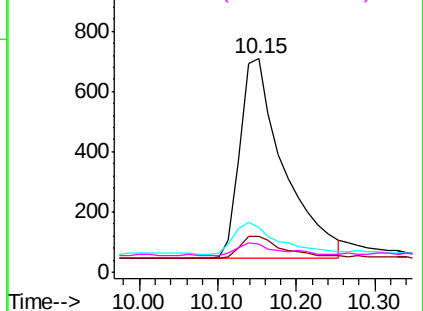


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.412 ng

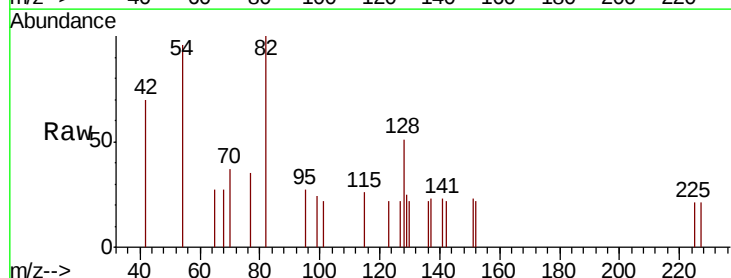
RT: 8.59 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

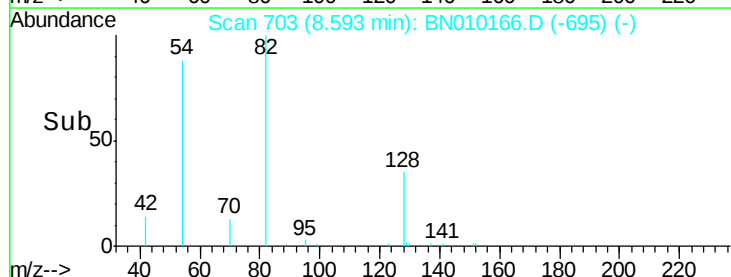
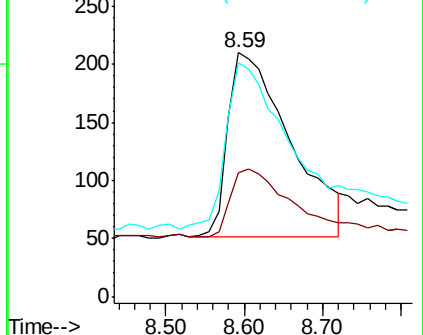
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.0	32.5	48.7#
54	95.7	73.5	110.3

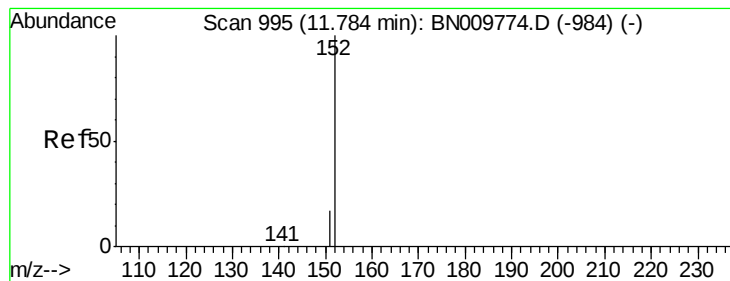


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





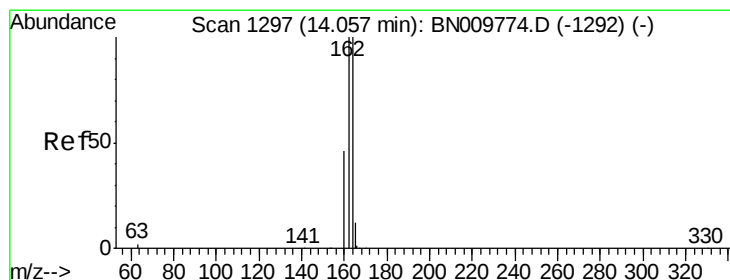
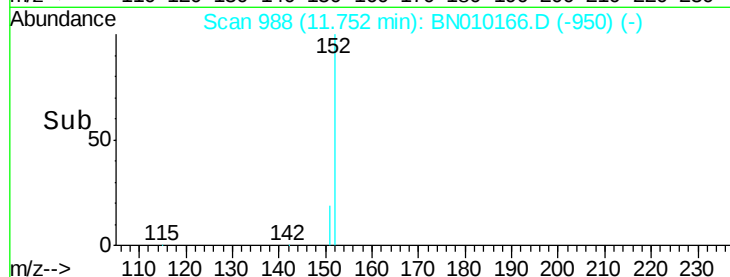
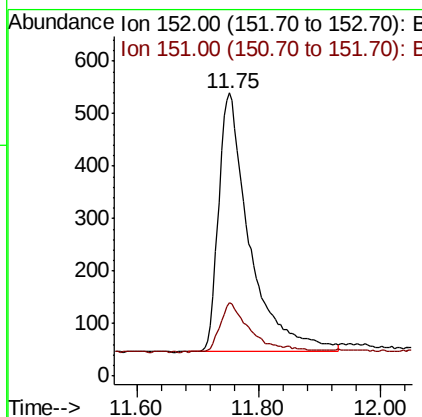
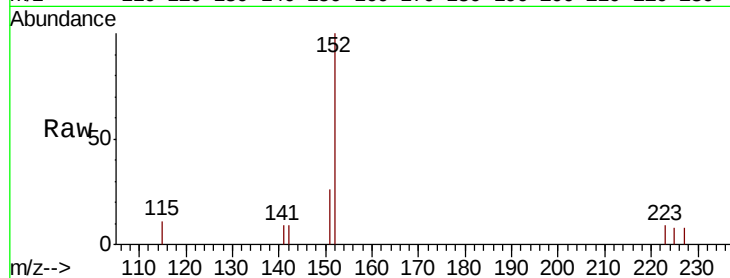
#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.03 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Instrument :
BNA_N
ClientSampleId :
RE132D4-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.1	22.7

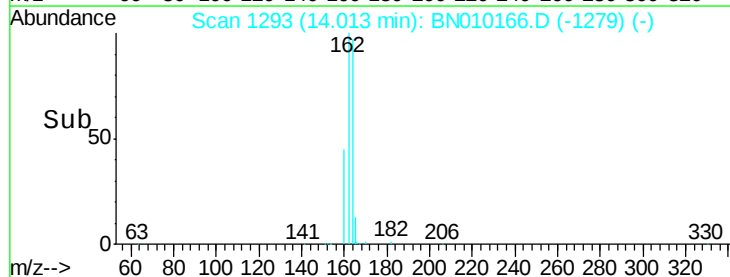
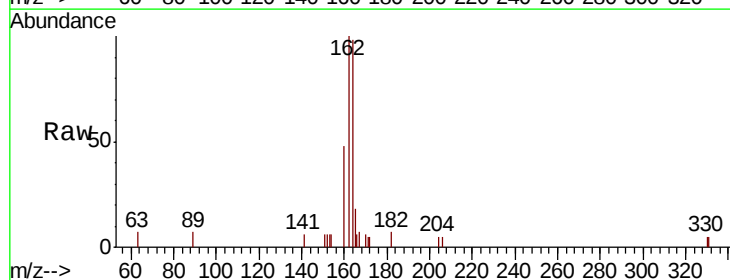
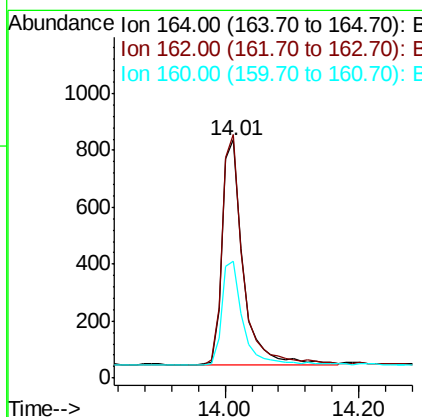
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.9	119.9
160	49.2	38.2	57.2





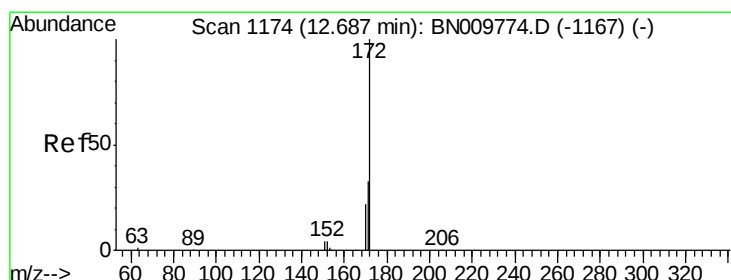
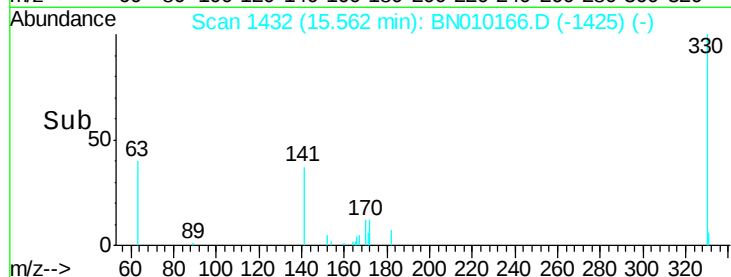
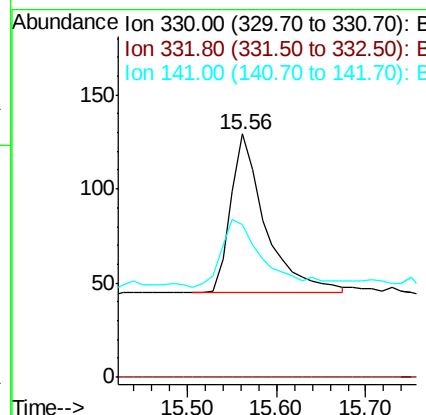
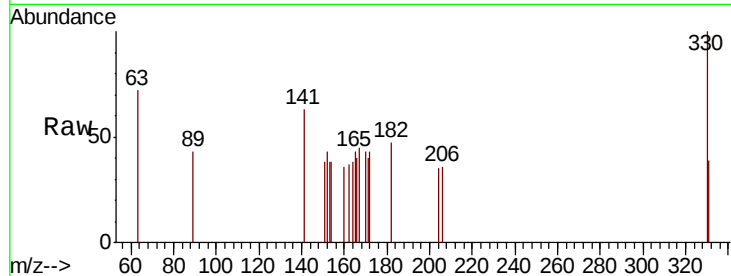
#14
 2,4,6-Tribromophenol
 Concen: 0.345 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.1	36.8	55.2

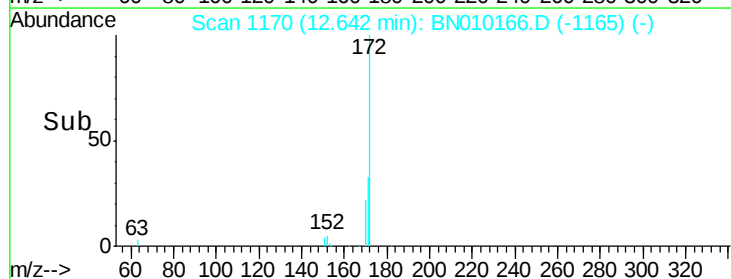
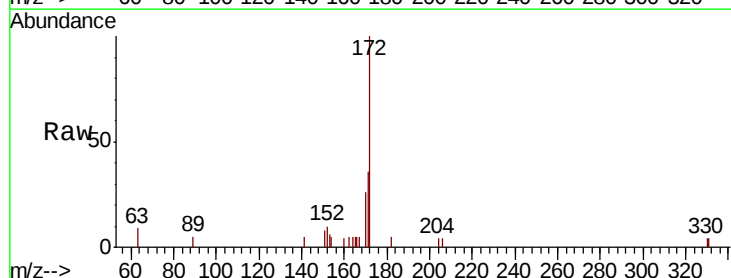
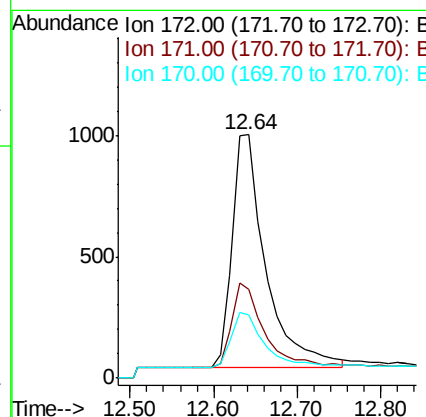
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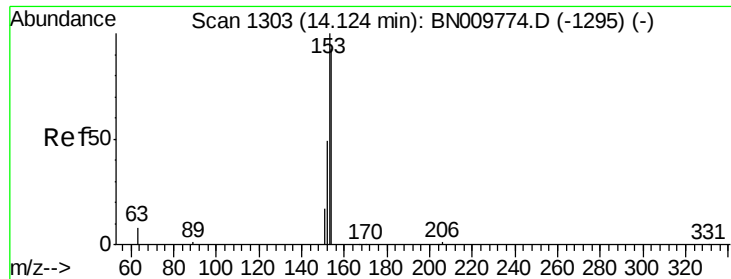
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#15
 2-Fluorobiphenyl
 Concen: 0.413 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	25.9	20.1	30.1





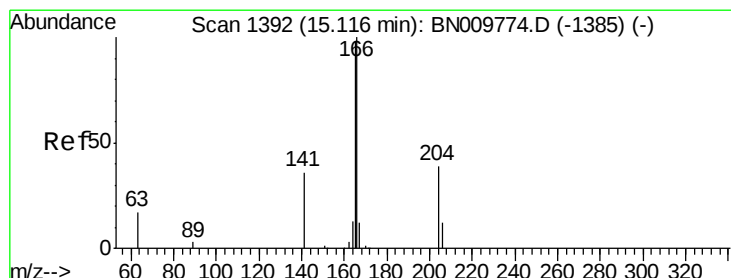
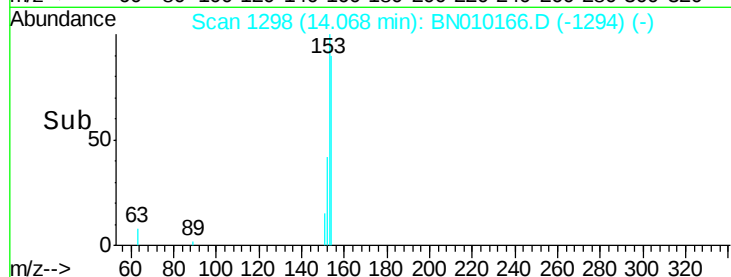
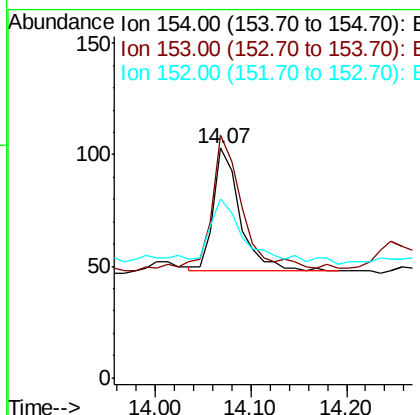
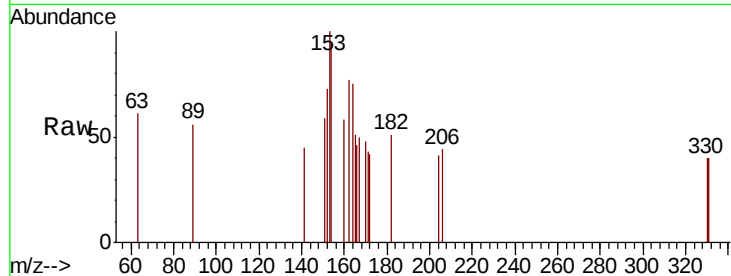
#17
Acenaphthene
Concen: 0.021 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Instrument :
BNA_N
ClientSampleId :
RE132D4-20200305

Tot Ion	Ratio	Lower	Upper
154	100		
153	121.7	88.9	133.3
152	63.2	44.2	66.2

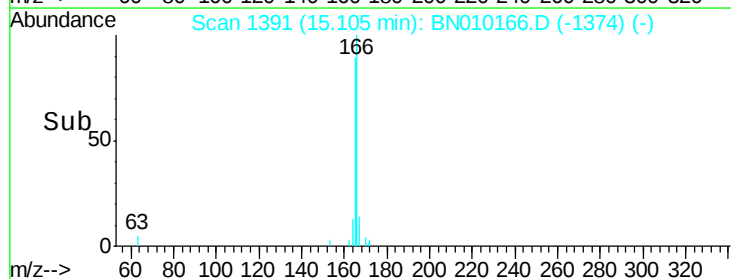
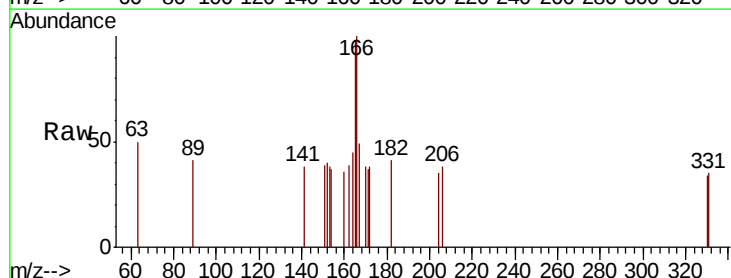
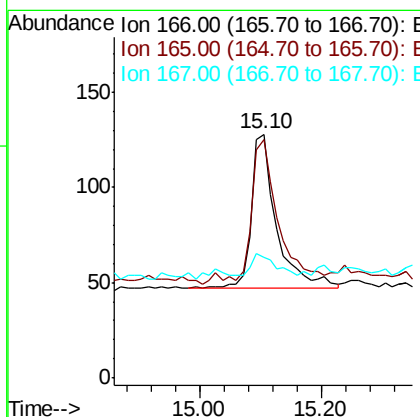
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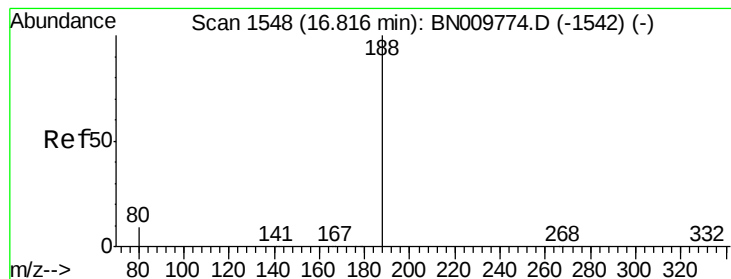
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#18
Fluorene
Concen: 0.034 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.3	77.2	115.8
167	13.3	10.5	15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

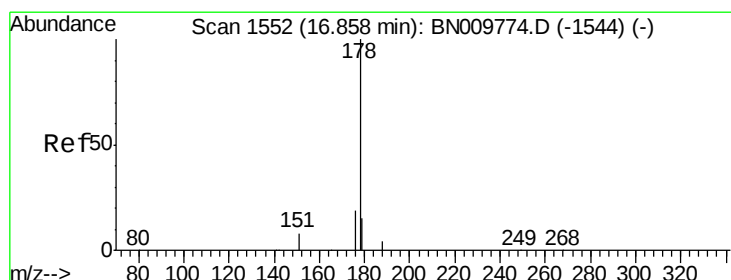
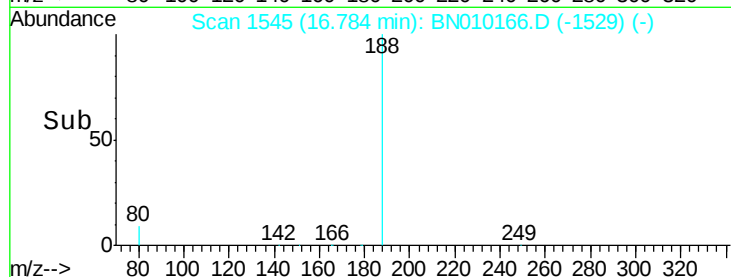
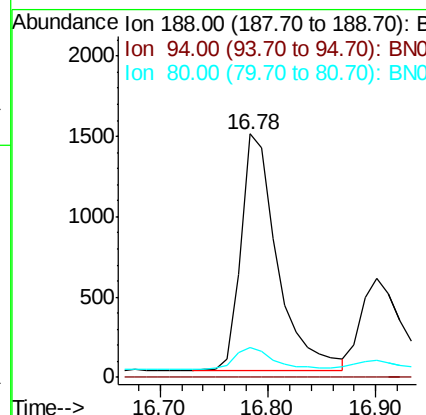
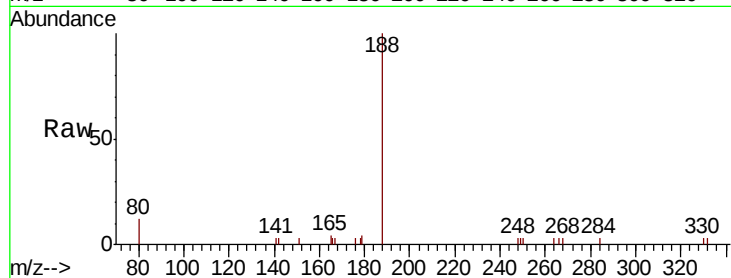
ClientSampleId :

RE132D4-20200305

Tot Ion:	188	Resp:	3427
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.5	8.3	12.5

Manual Integrations
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#23

Phenanthrene

Concen: 0.090 ng

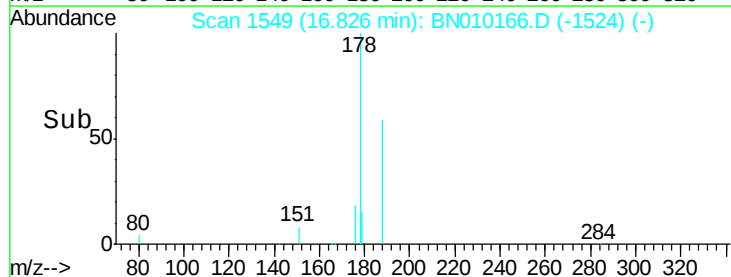
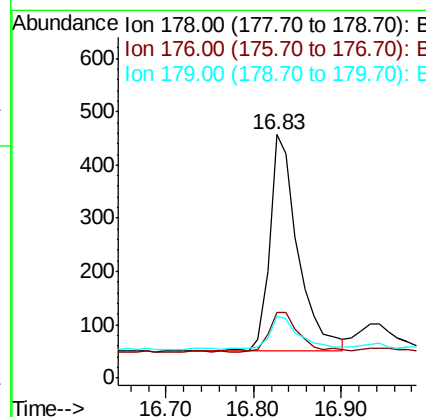
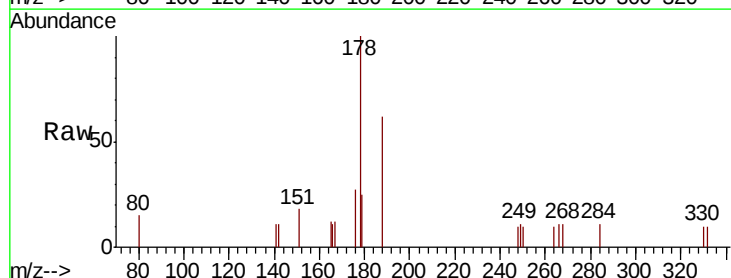
RT: 16.83 min Scan# 1549

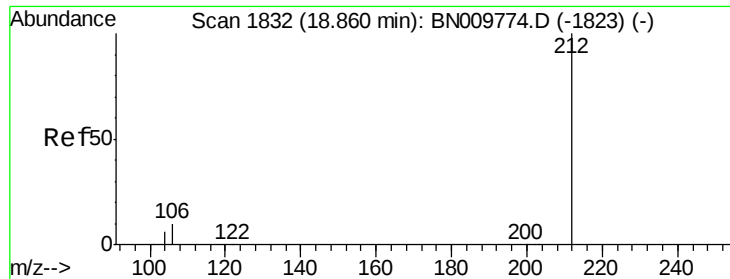
Delta R.T. -0.03 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Tgt Ion:	178	Resp:	920
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.3	22.9
179	16.7	12.4	18.6





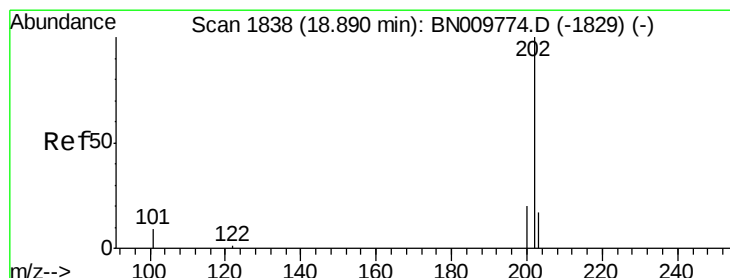
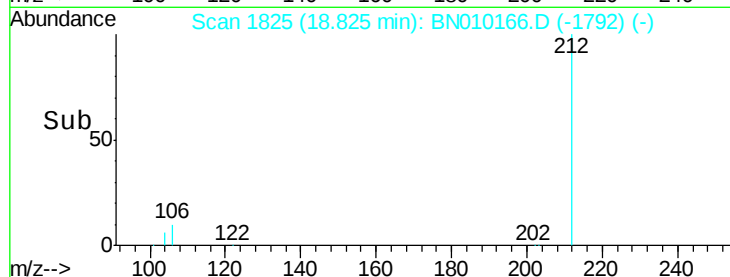
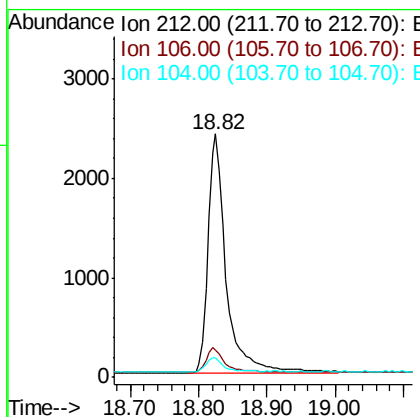
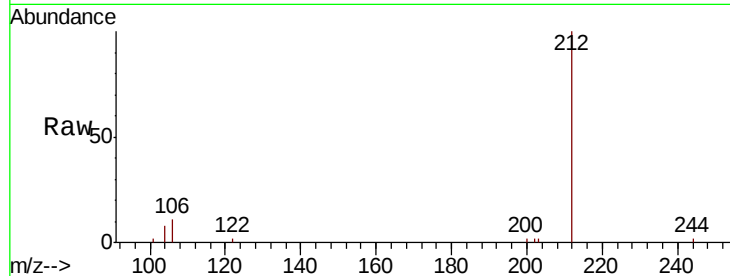
#25
 Fluoranthene-d10
 Concen: 0.376 ng
 RT: 18.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

Tot Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.4	12.6
104	5.8	4.8	7.2

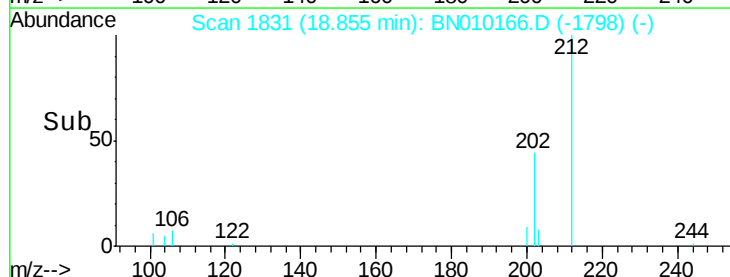
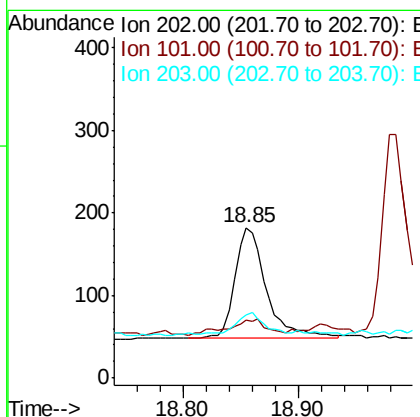
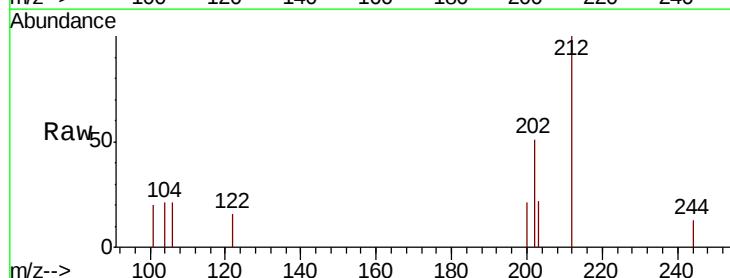
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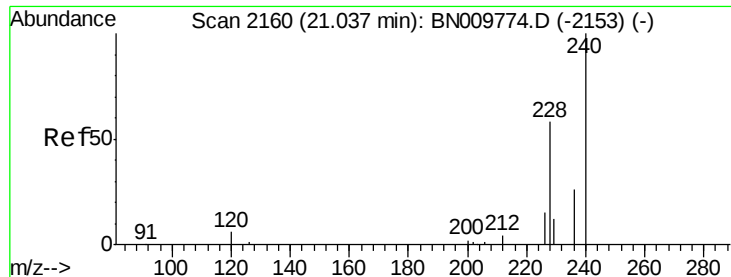
mohammad
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#26
 Fluoranthene
 Concen: 0.021 ng
 RT: 18.85 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.1	10.7
203	18.1	13.8	20.6





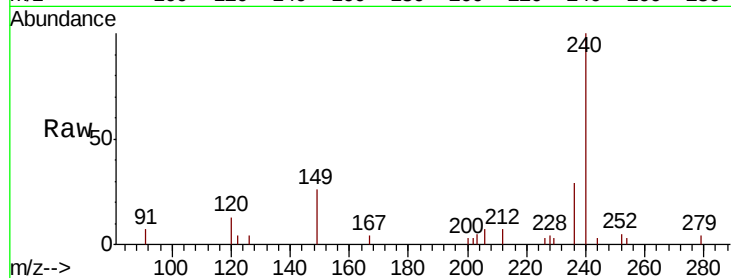
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.99 min Scan# 2156
 Delta R.T. -0.04 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	7.9	11.9#
236	28.7	22.0	33.0

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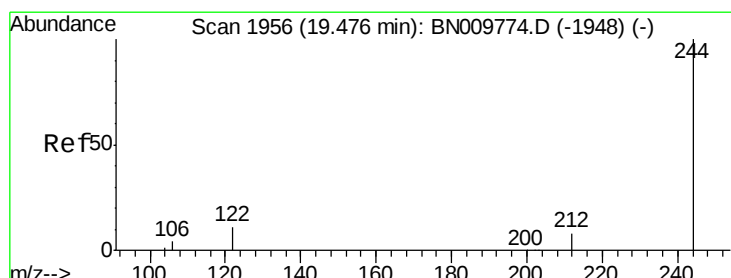
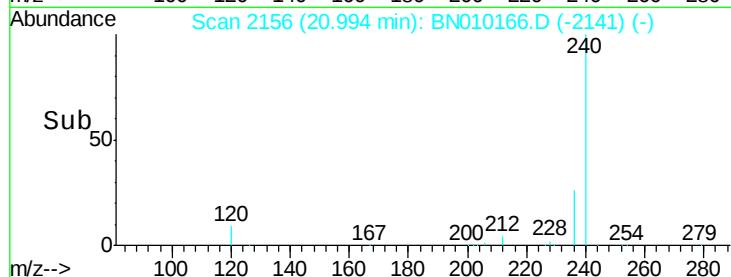
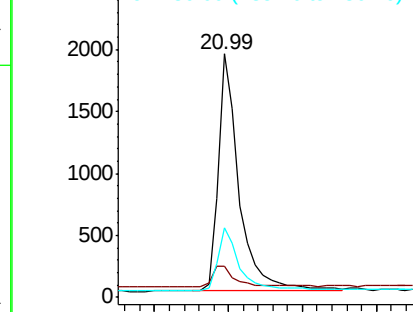


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29
 Terphenyl-d14
 Concen: 0.485 ng
 RT: 19.43 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

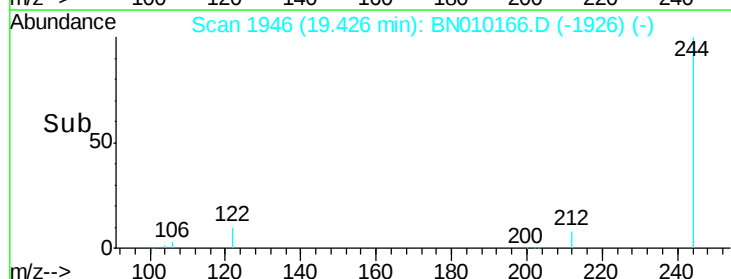
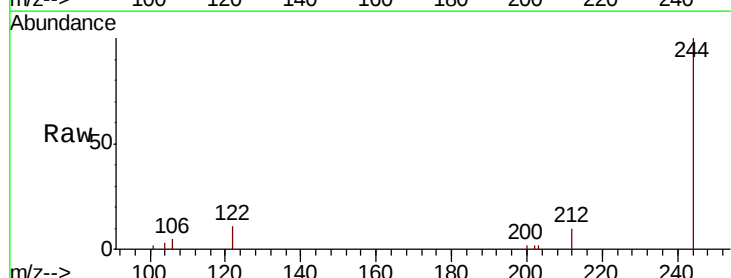
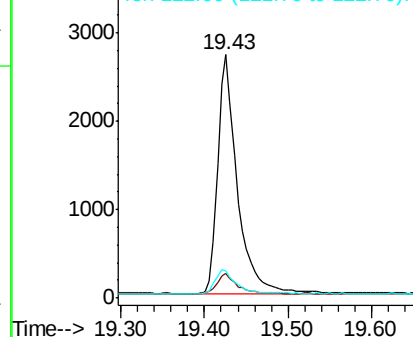
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.0	12.0
122	11.3	10.0	15.0

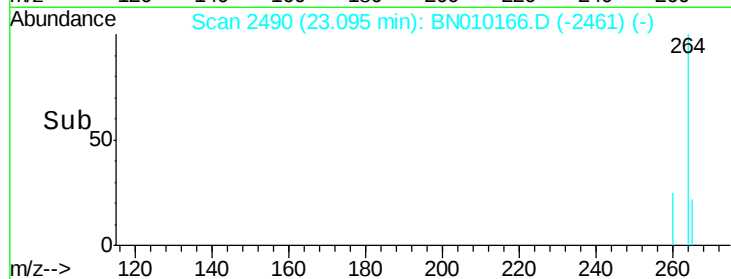
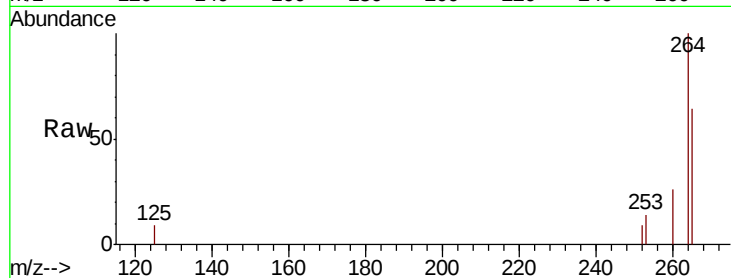
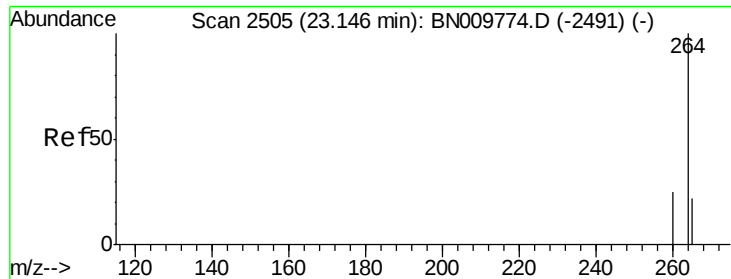
Abundance

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





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.09 min Scan# 2490
 Delta R.T. -0.05 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Tot Ion:	264	Resp:	3936
Ion Ratio	Lower	Upper	
264	100		
260	25.5	21.1	31.7
265	64.2	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

Manual Integrations
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