

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010150.D
 Acq On : 09 Mar 2020 18:07
 Operator : CG/JU
 Sample : L1842-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20200303

Manual Integrations
 APPROVED

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Quant Time: Mar 10 10:52:49 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	7.36	152	948m	0.40	ng	-0.06
7) Naphthalene-d8	10.13	136	3062	0.40	ng	-0.05
13) Acenaphthene-d10	14.00	164	2195	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	4683	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	4968	0.40	ng	-0.03
34) Perylene-d12	23.10	264	5265	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	428	0.20	ng	-0.06
5) Phenol-d6	6.61	99	237	0.09	ng	-0.03
8) Nitrobenzene-d5	8.58	82	1029m	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	1839	0.31	ng	-0.05
14) 2,4,6-Tribromophenol	15.55	330	358	0.42	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	3134	0.38	ng	-0.06
25) Fluoranthene-d10	18.83	212	5267	0.33	ng	-0.03
29) Terphenyl-d14	19.43	244	4889	0.41	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	516m	0.531	ng	
28) Pyrene	19.22	202	444	0.024	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	514	0.064	ng	# 97
35) Benzo(b)fluoranthene	22.49	252	619	0.032	ng	# 1
36) Benzo(k)fluoranthene	22.53	252	570	0.027	ng	# 22
37) Benzo(a)pyrene	23.02	252	1067	0.061	ng	# 45
39) Benzo(g,h,i)perylene	25.78	276	751	0.041	ng	# 64

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

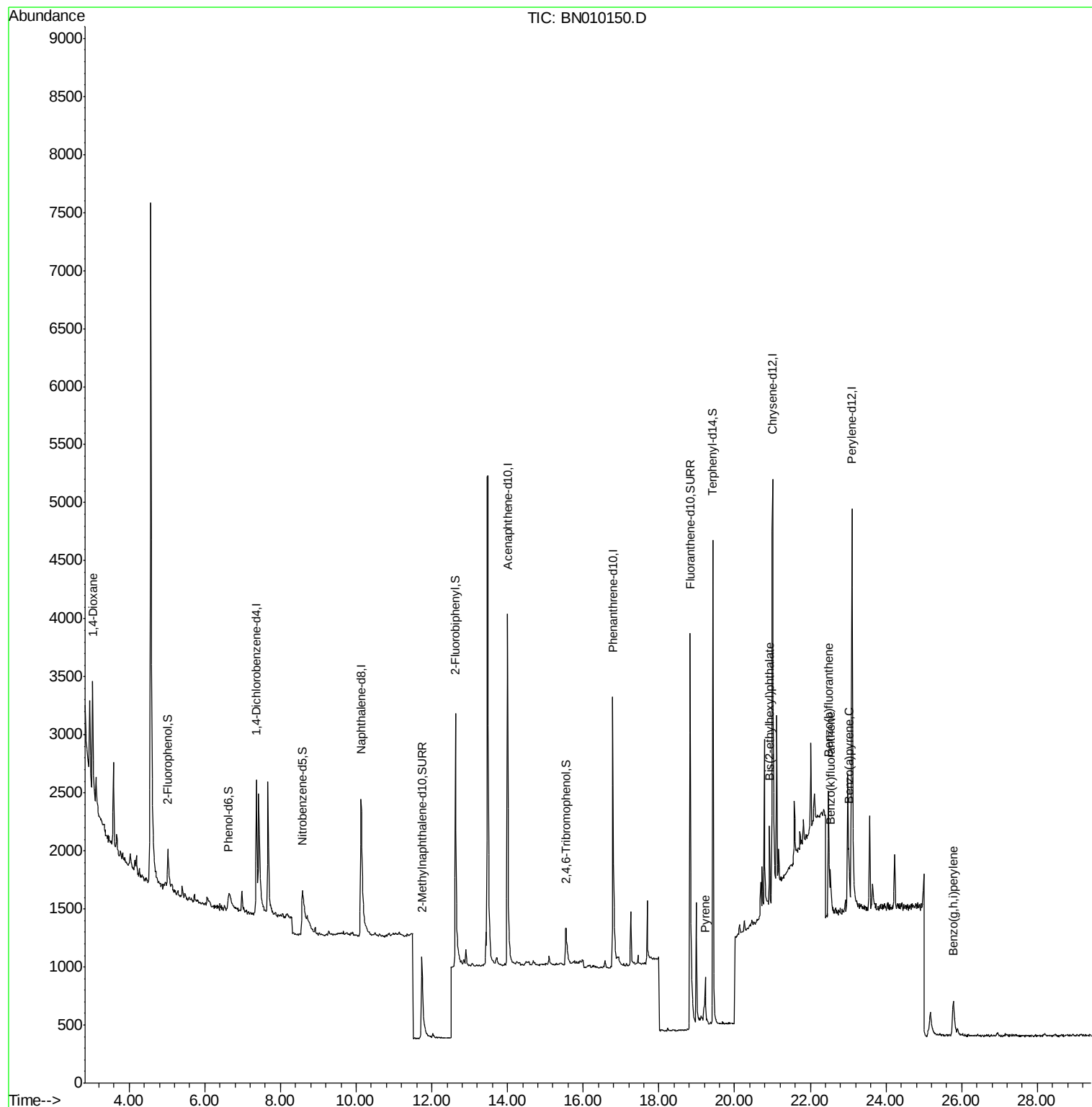
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010150.D
Acq On : 09 Mar 2020 18:07
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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#1

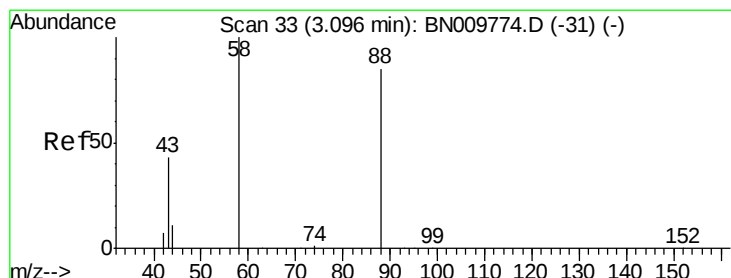
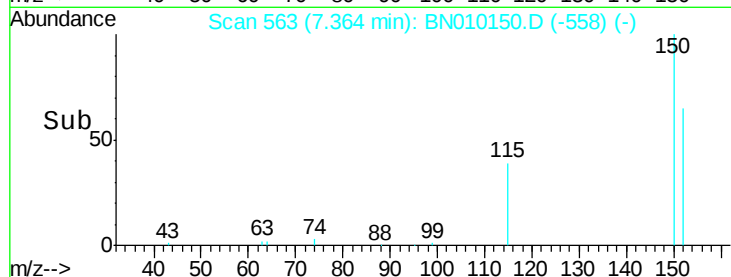
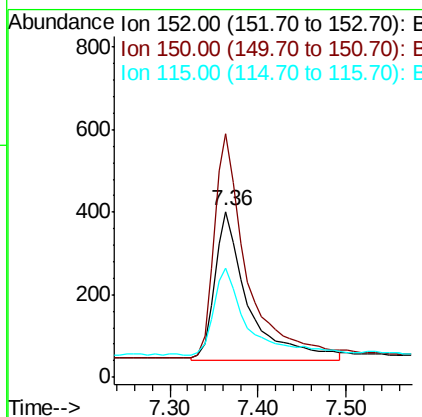
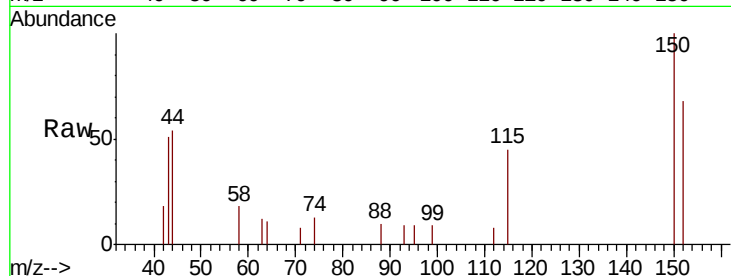
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.36 min Scan# 563
Delta R.T. -0.06 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :
RE126D3-20200303

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	120.6	181.0
115	65.8	51.2	76.8

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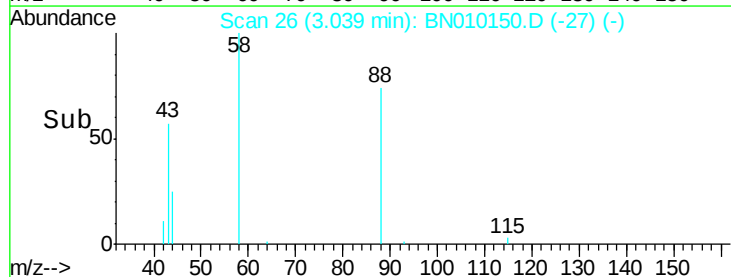
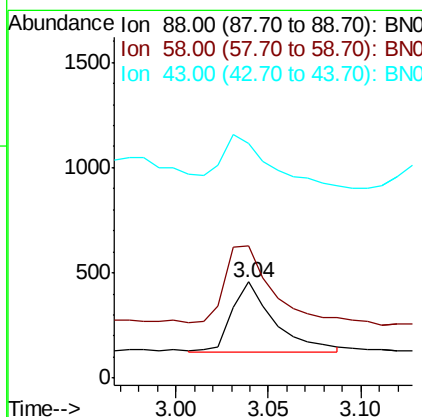
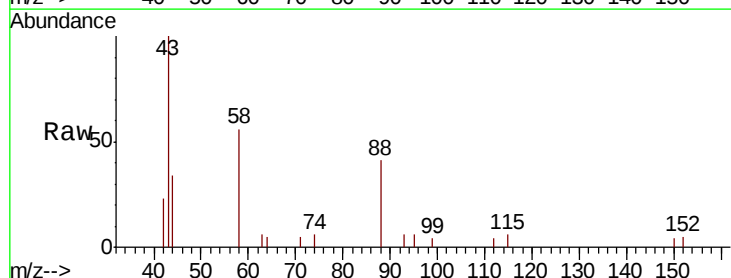
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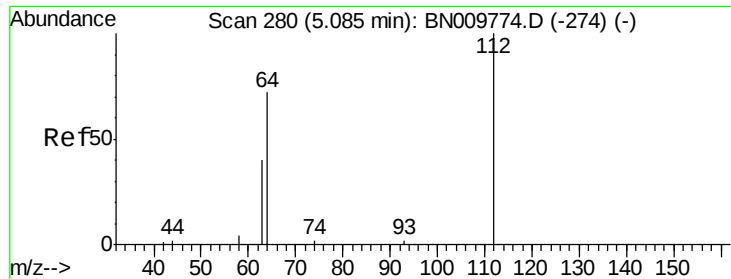


#2

1,4-Dioxane
Concen: 0.531 ng m
RT: 3.04 min Scan# 26
Delta R.T. -0.06 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

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: 0.203 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.06 min

Lab File: BN010150.D

Acq: 09 Mar 2020 18:07

Instrument :

BNA_N

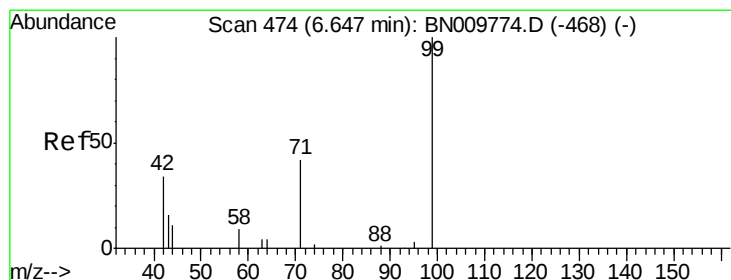
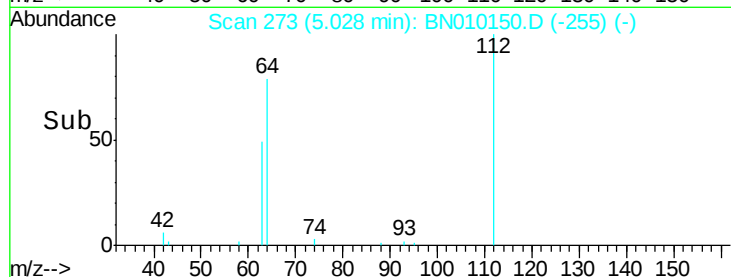
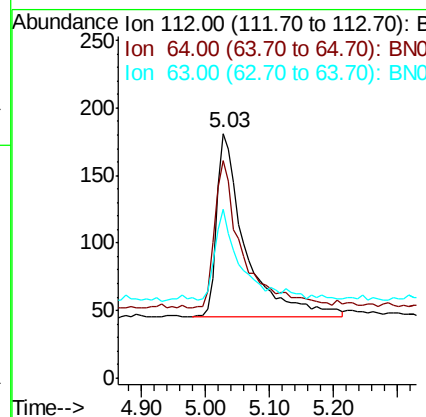
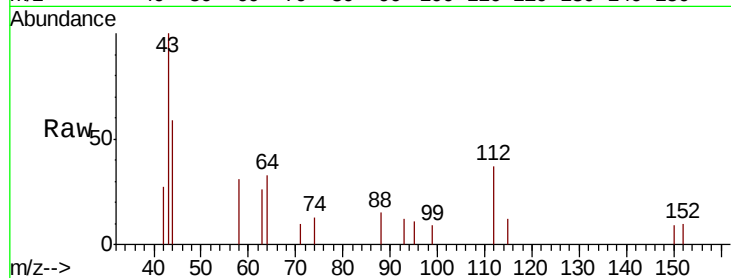
ClientSampleId :

RE126D3-20200303

Tot Ion:	112	Resp:	428
Ion Ratio	Lower	Upper	
112	100		
64	77.3	65.8	98.6
63	40.2	38.7	58.1

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#5

Phenol-d6

Concen: 0.092 ng

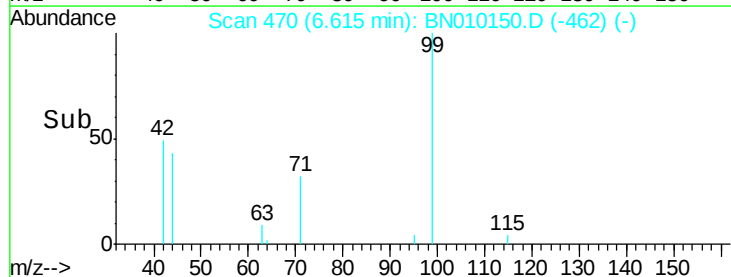
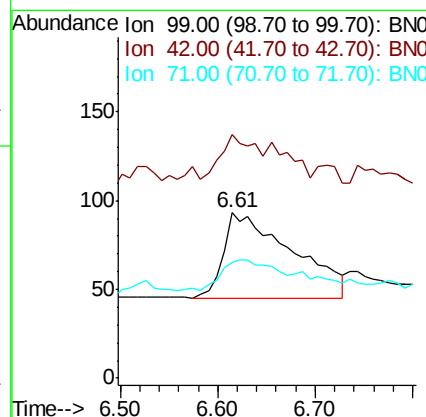
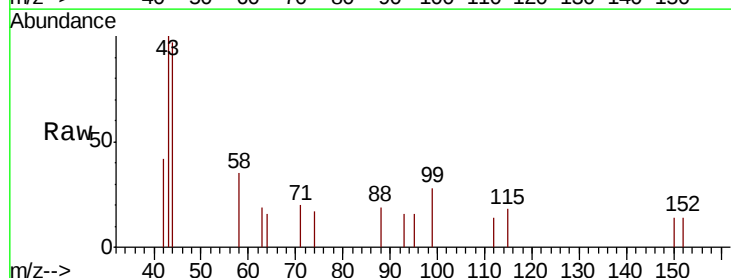
RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN010150.D

Acq: 09 Mar 2020 18:07

Tgt Ion:	99	Resp:	237
Ion Ratio	Lower	Upper	
99	100		
42	26.2	30.8	46.2#
71	40.1	34.9	52.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.05 min

Lab File: BN010150.D

Acq: 09 Mar 2020 18:07

Instrument :

BNA_N

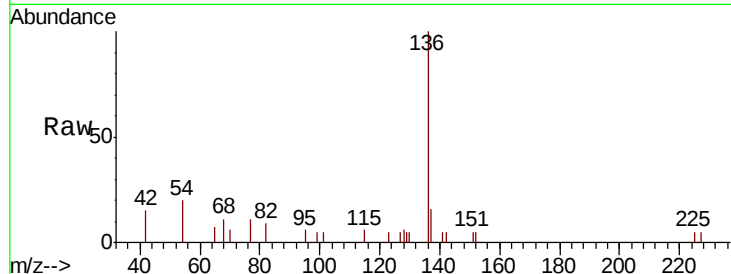
ClientSampleId :

RE126D3-20200303

Tot Ion	Ratio	Lower	Upper
136	100		
137	16.2	11.3	16.9
54	20.0	13.4	20.2
68	11.3	7.0	10.4

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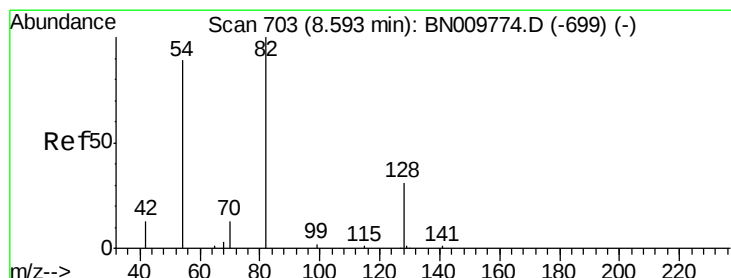
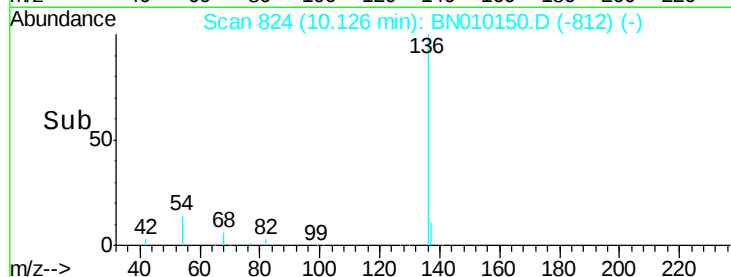
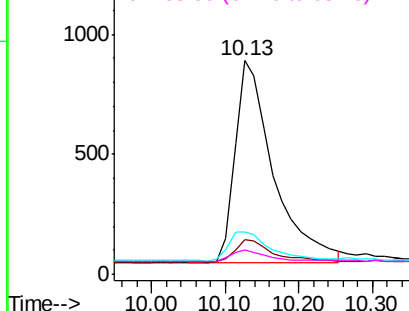


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.404 ng m

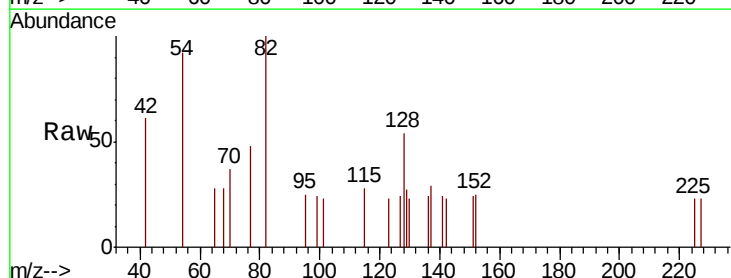
RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN010150.D

Acq: 09 Mar 2020 18:07

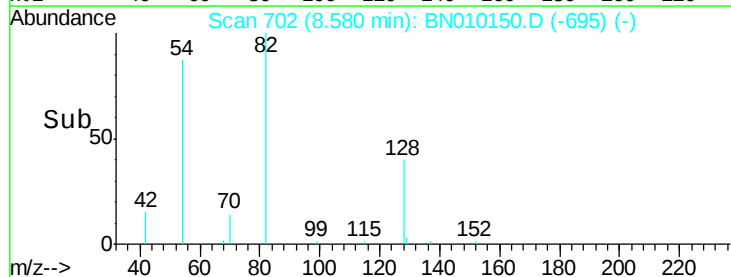
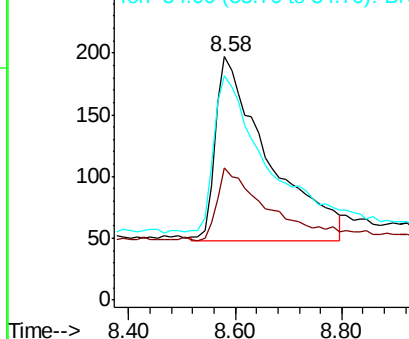
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.3	32.5	48.7
54	92.4	73.5	110.3

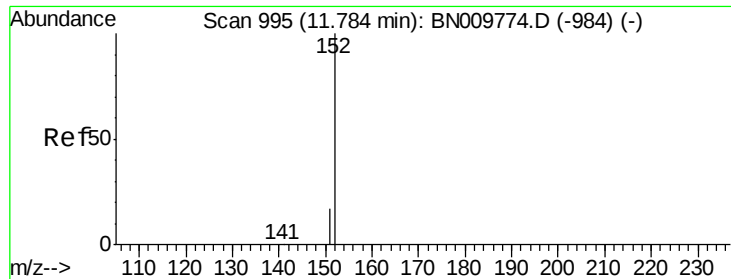


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





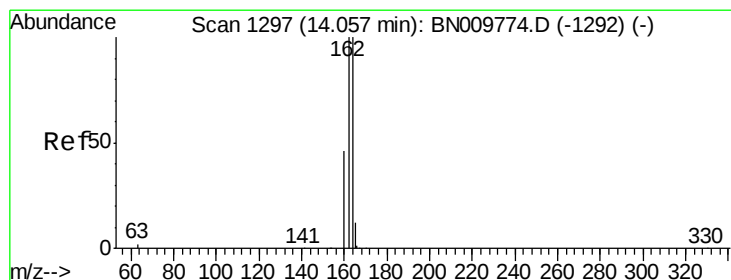
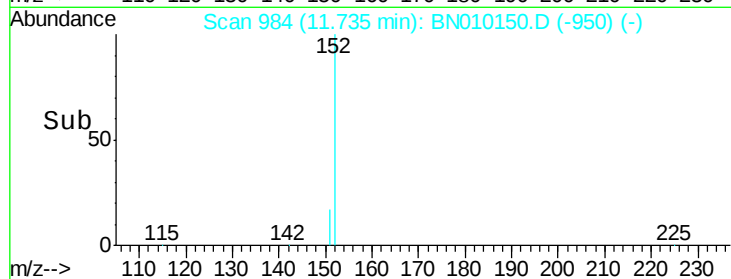
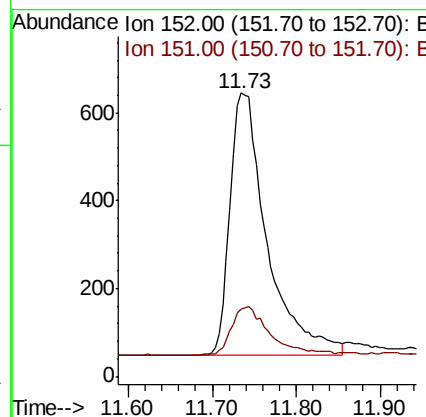
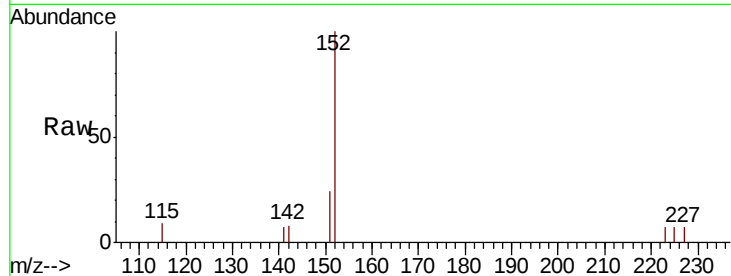
#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 11.73 min Scan# 984
Delta R.T. -0.05 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :
RE126D3-20200303

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.1	22.7

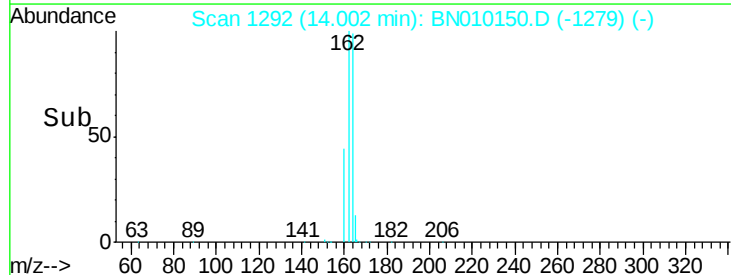
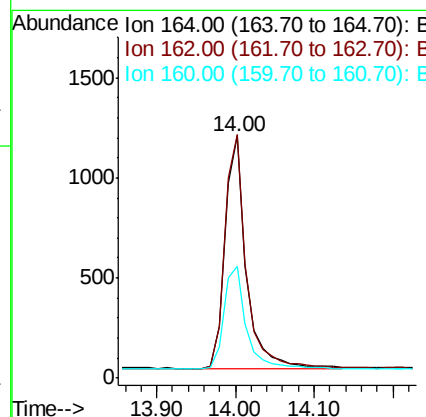
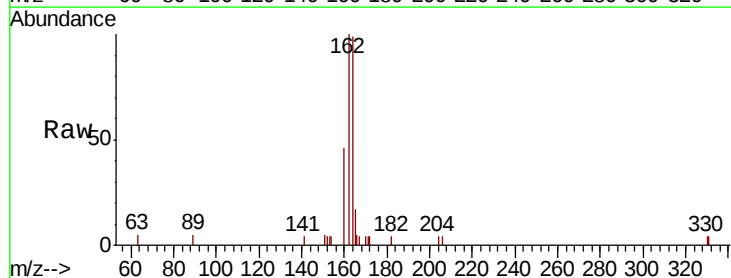
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	46.1	38.2	57.2





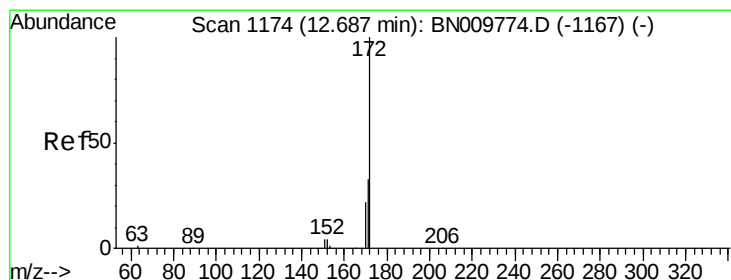
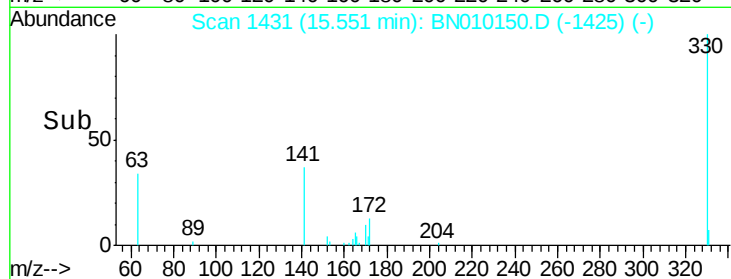
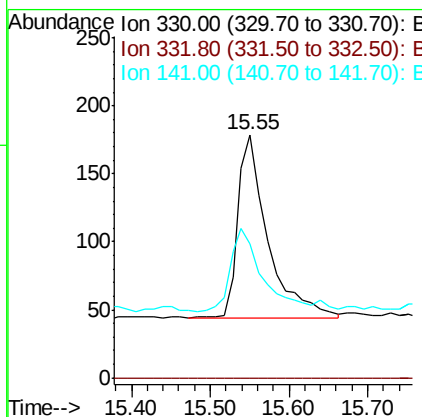
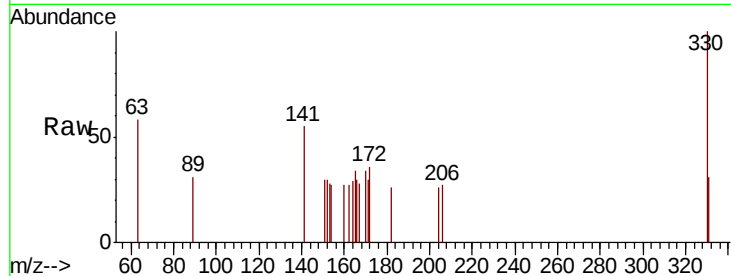
#14
 2,4,6-Tribromophenol
 Concen: 0.423 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BN010150.D
 Acq: 09 Mar 2020 18:07

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20200303

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.6	36.8	55.2

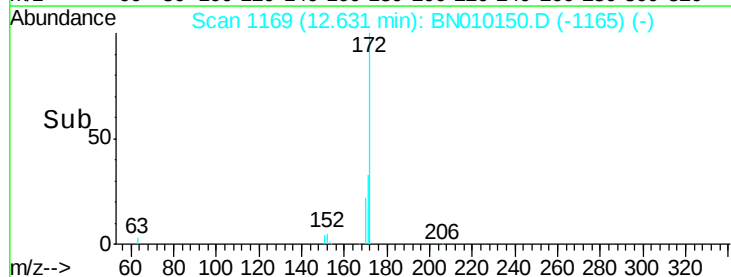
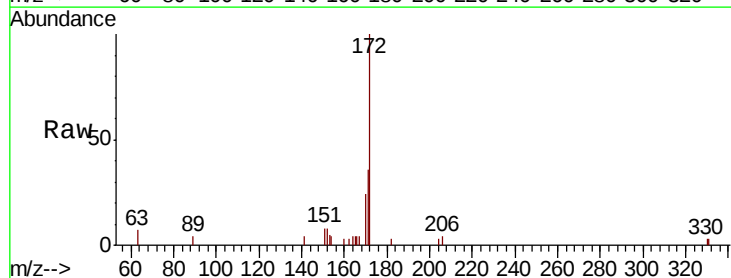
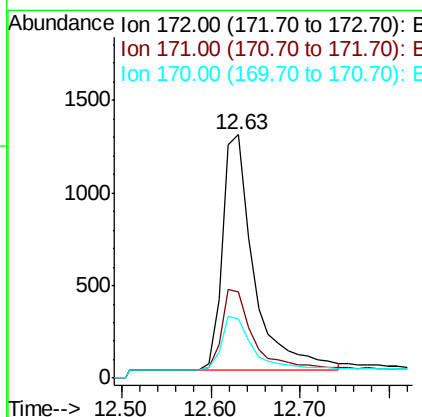
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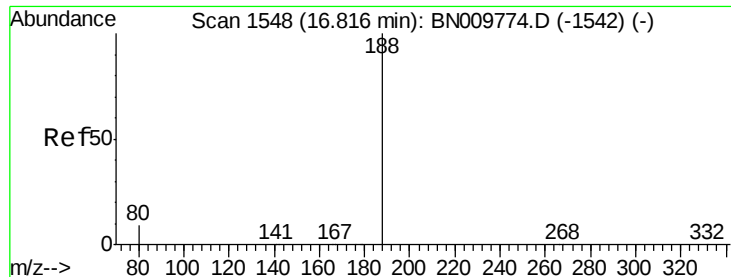
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#15
 2-Fluorobiphenyl
 Concen: 0.378 ng
 RT: 12.63 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BN010150.D
 Acq: 09 Mar 2020 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	24.4	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: BN010150.D

Acq: 09 Mar 2020 18:07

Instrument :

BNA_N

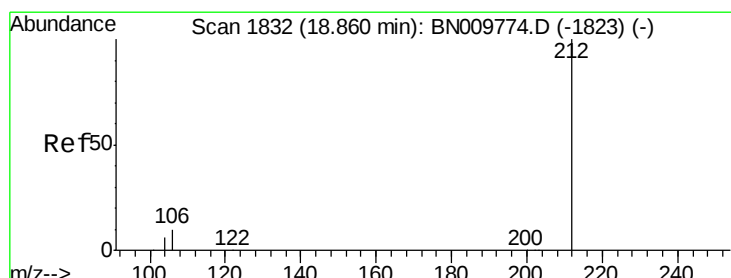
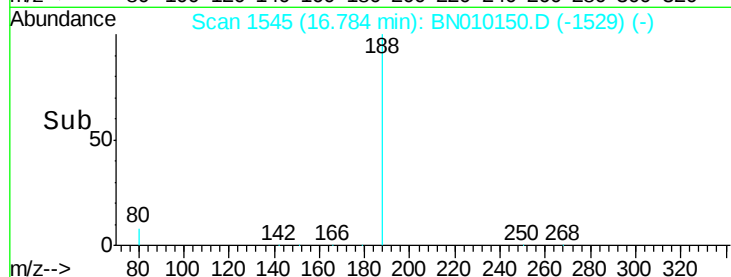
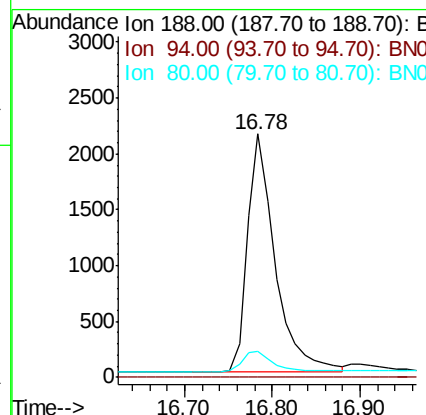
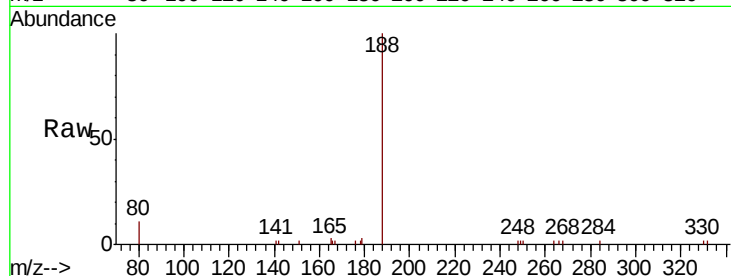
ClientSampleId :

RE126D3-20200303

Tot Ion:	188	Resp:	4683
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	8.3	12.5

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#25

Fluoranthene-d10

Concen: 0.325 ng

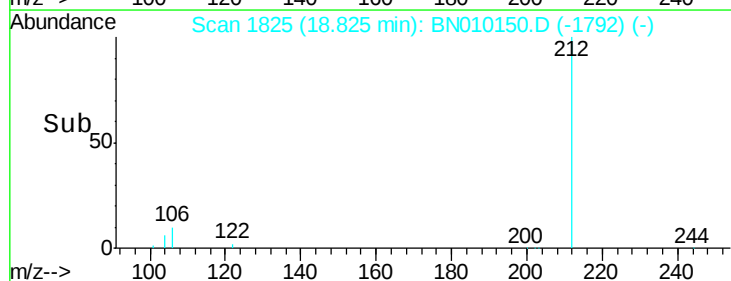
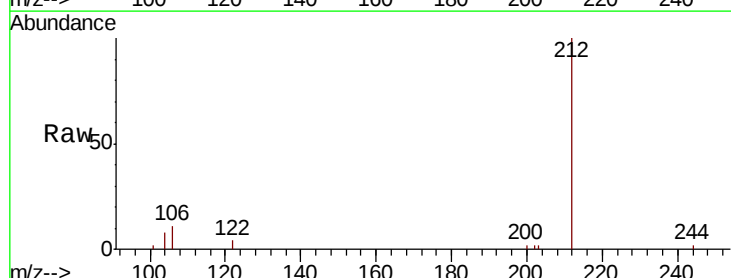
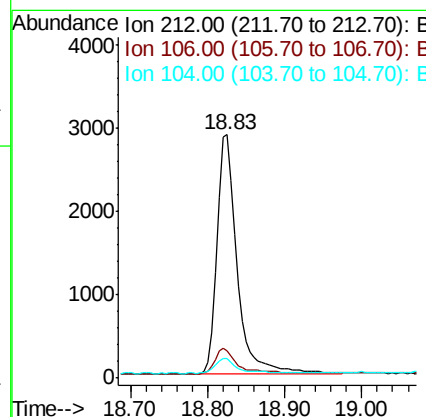
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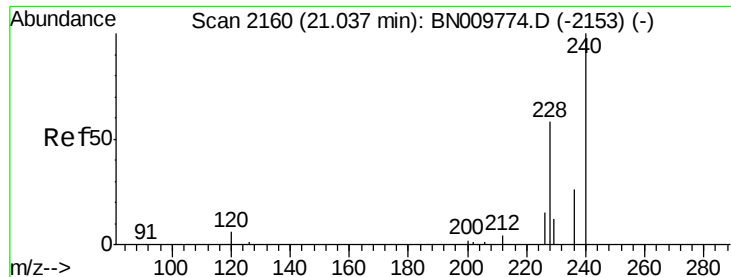
Delta R.T. -0.03 min

Lab File: BN010150.D

Acq: 09 Mar 2020 18:07

Tgt Ion:	212	Resp:	5267
Ion Ratio	Lower	Upper	
212	100		
106	12.5	8.4	12.6
104	6.9	4.8	7.2





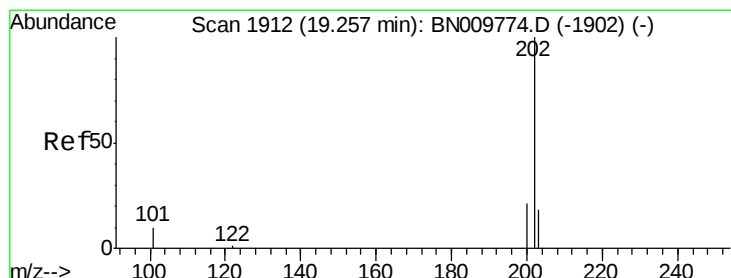
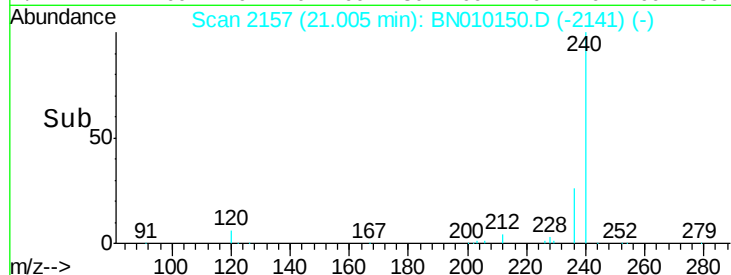
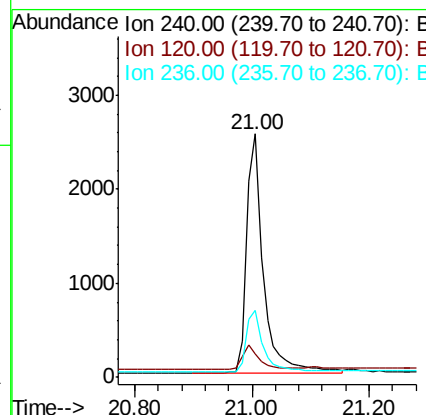
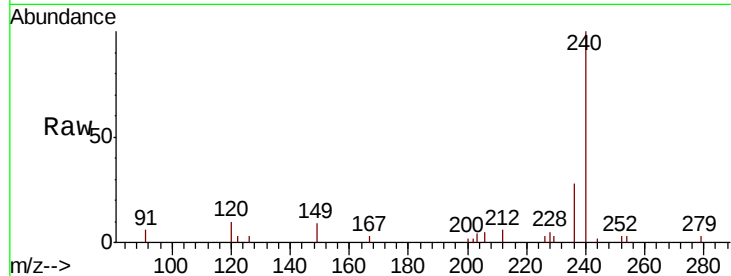
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :
RE126D3-20200303

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.9	11.9
236	27.5	22.0	33.0

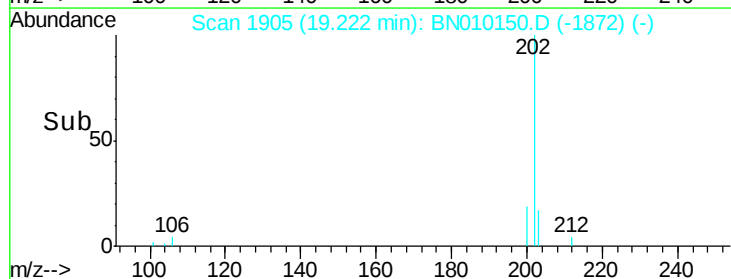
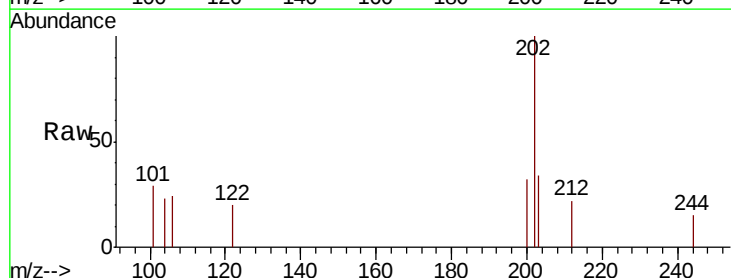
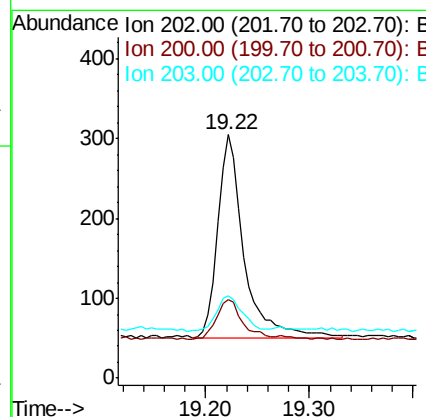
Manual Integrations
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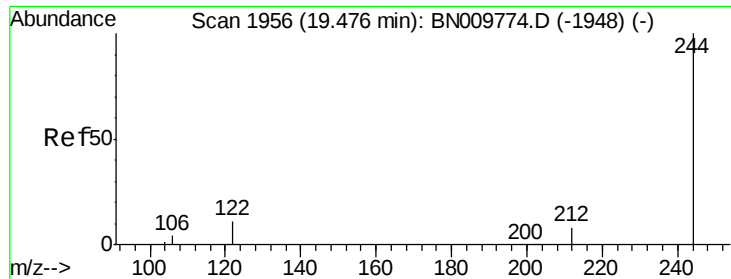
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#28
Pyrene
Concen: 0.024 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.4	24.6
203	17.3	13.9	20.9





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010150.D

Acq: 09 Mar 2020 18:07

Instrument :

BNA_N

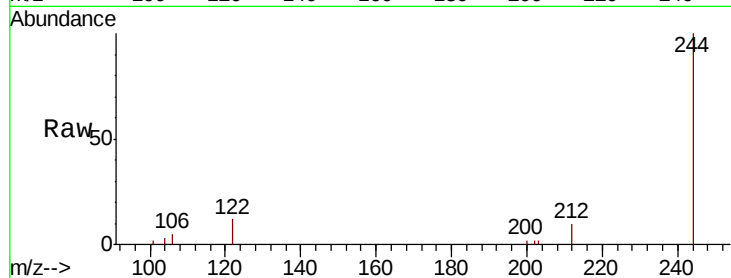
ClientSampleId :

RE126D3-20200303

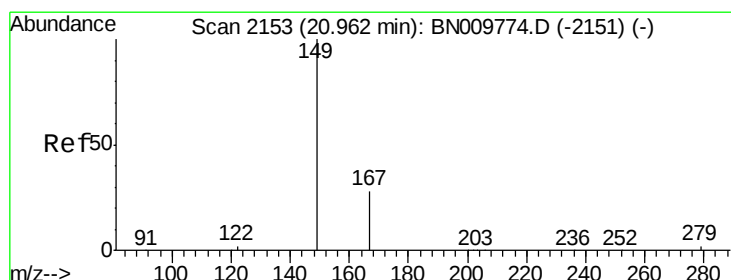
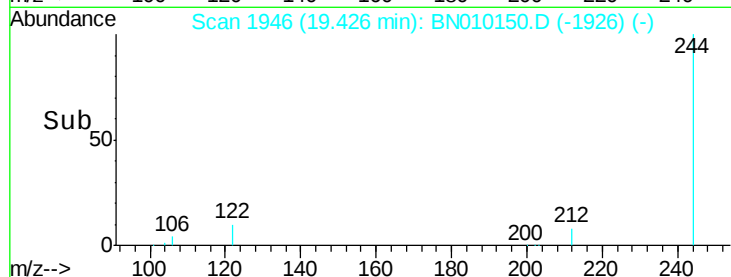
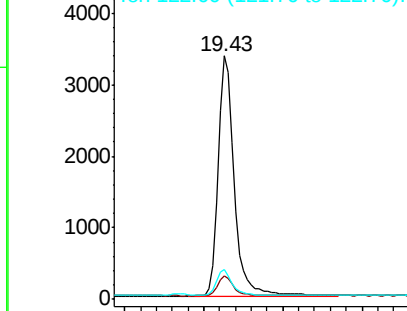
Tot Ion:	244	Resp:	4889
Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.0	12.0
122	12.0	10.0	15.0

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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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

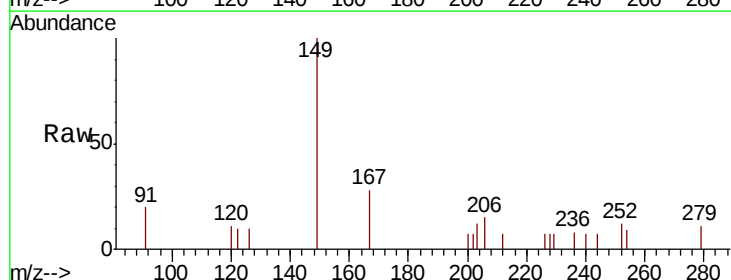
RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

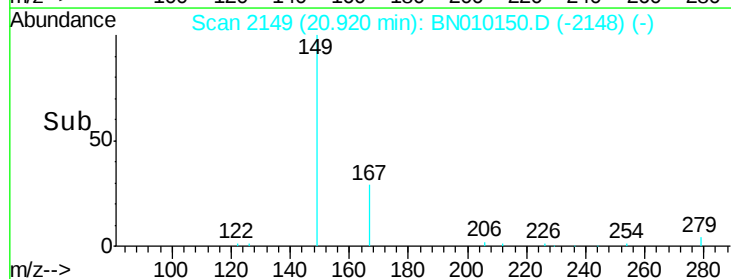
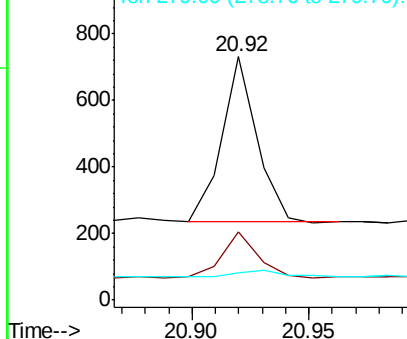
Lab File: BN010150.D

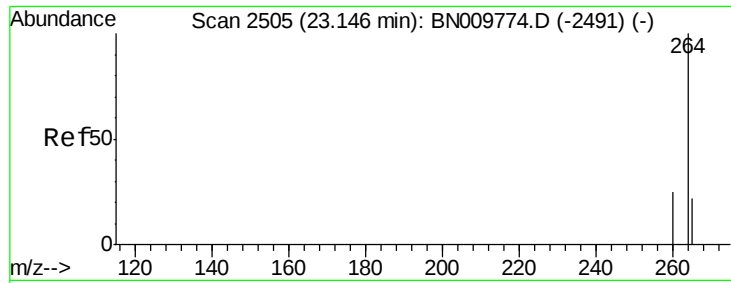
Acq: 09 Mar 2020 18:07

Tgt Ion:	149	Resp:	514
Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.7	34.1
279	6.2	3.1	4.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





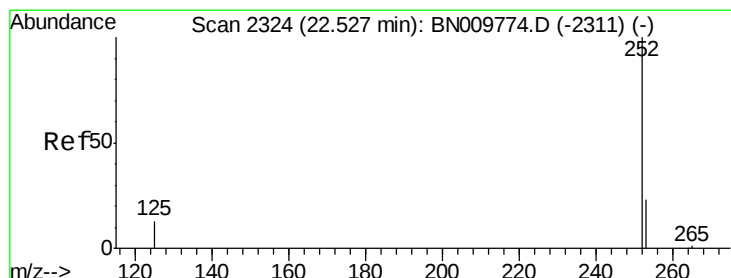
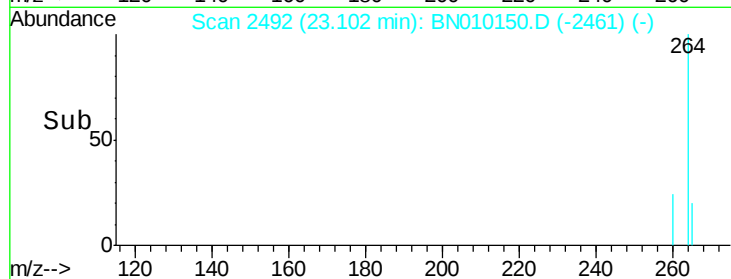
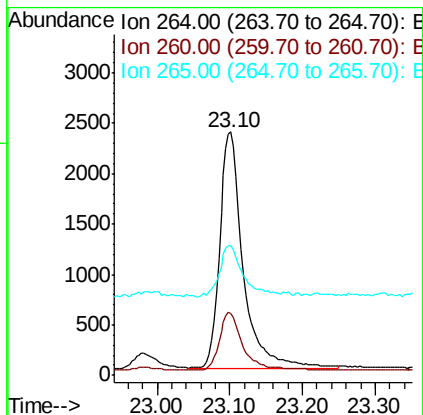
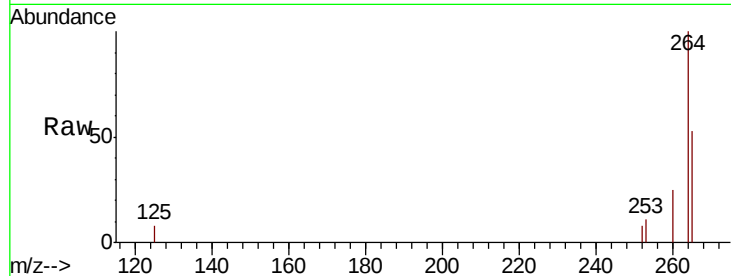
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :
RE126D3-20200303

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.1	31.7
265	53.1	57.5	86.3

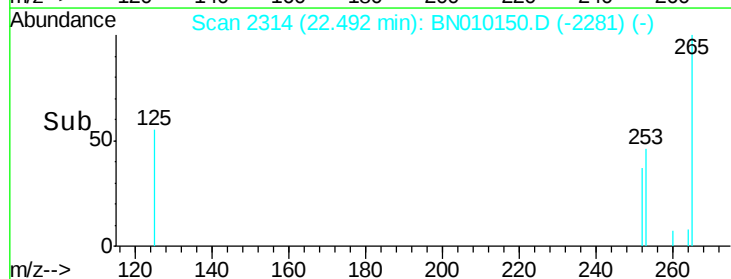
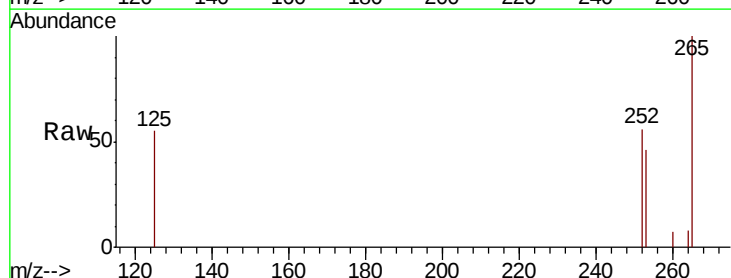
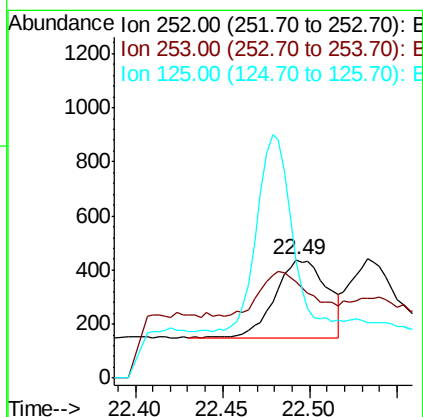
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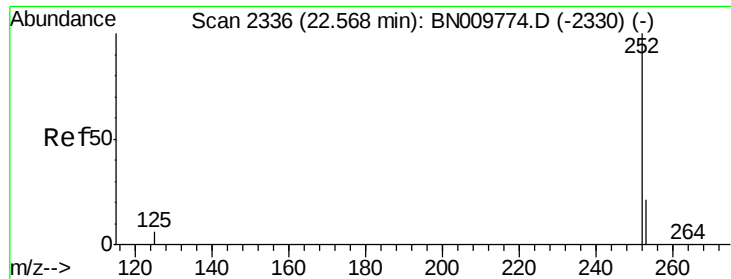
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#35
Benzo(b)fluoranthene
Concen: 0.032 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	81.5	23.0	34.6
125	98.6	14.4	21.6





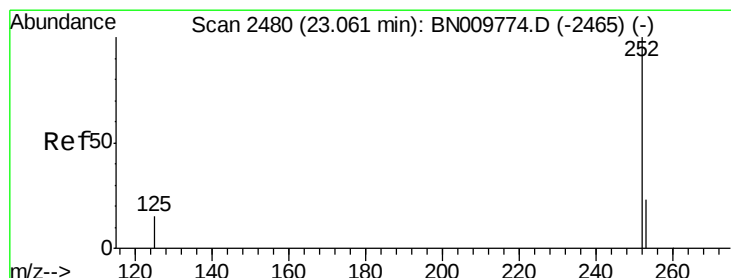
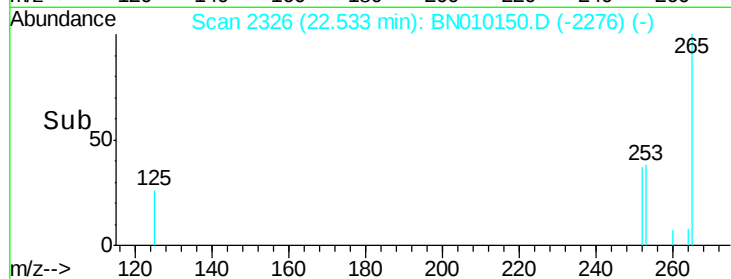
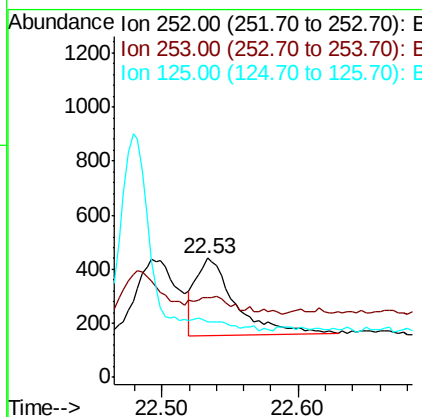
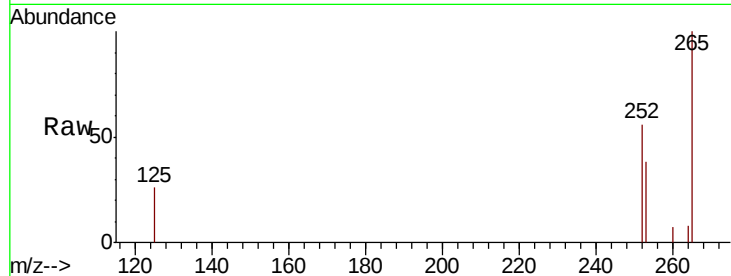
#36
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 22.53 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :
RE126D3-20200303

Tot Ion	Ratio	Lower	Upper
252	100		
253	67.1	22.2	33.2#
125	46.5	10.5	15.7#

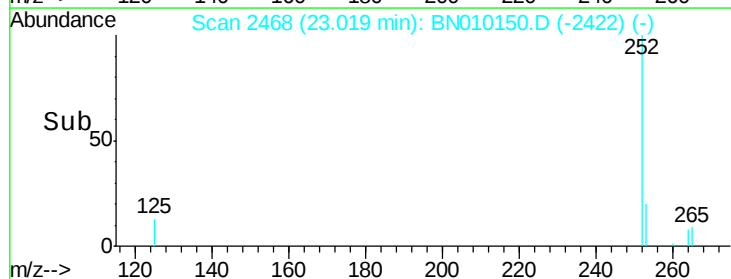
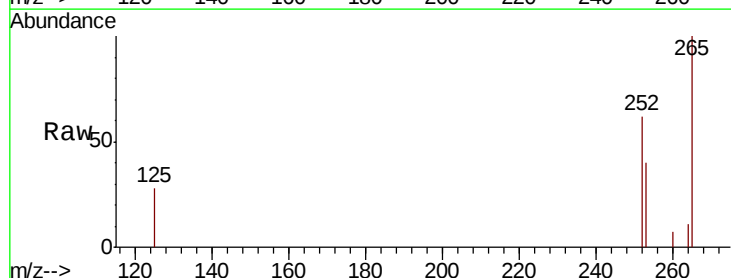
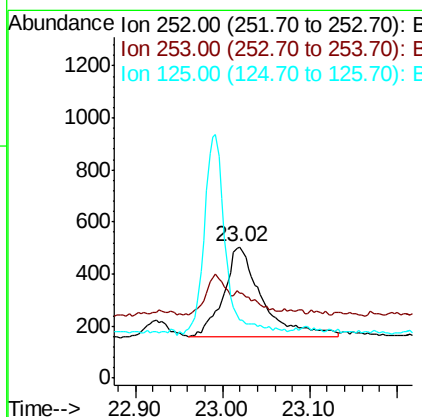
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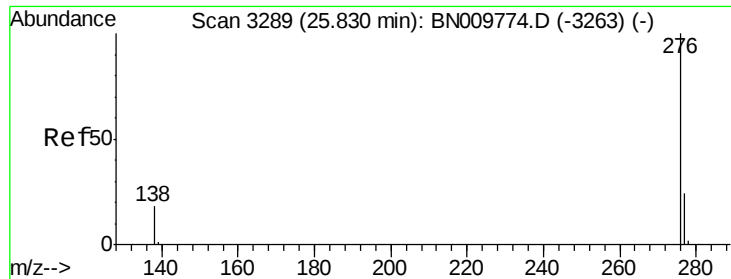
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#37
Benzo(a)pyrene
Concen: 0.061 ng
RT: 23.02 min Scan# 2468
Delta R.T. -0.04 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.9	25.3	37.9#
125	44.6	17.7	26.5#





#39

Benzo(a,h,i)perylene

Concen: 0.041 ng

RT: 25.78 min Scan# 3275

Delta R.T. -0.05 min

Lab File: BN010150.D

Acq: 09 Mar 2020 18:07

Instrument :

BNA_N

ClientSampleId :

RE126D3-20200303

Tot Ion:	276	Resp:	751
Ion Ratio	Lower	Upper	
276	100		
277	42.0	21.4	32.0#
138	41.2	16.6	24.8#

Manual Integrations
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