

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010151.D
 Acq On : 09 Mar 2020 18:43
 Operator : CG/JU
 Sample : L1842-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20200303

Manual Integrations
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Quant Time: Mar 09 22:34:12 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	7.38	152	726	0.40	ng	-0.04
7) Naphthalene-d8	10.15	136	2290	0.40	ng	-0.03
13) Acenaphthene-d10	14.01	164	1700	0.40	ng	-0.04
19) Phenanthrene-d10	16.79	188	3478	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3589	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3772	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	311	0.19	ng	-0.03
5) Phenol-d6	6.66	99	149m	0.08	ng	0.02
8) Nitrobenzene-d5	8.66	82	792m	0.42	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1509	0.34	ng	-0.02
14) 2,4,6-Tribromophenol	15.56	330	285	0.44	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2493	0.39	ng	-0.04
25) Fluoranthene-d10	18.83	212	4319	0.36	ng	-0.03
29) Terphenyl-d14	19.43	244	4217	0.49	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.04	88	3176m	4.271	ng	Qvalue
22) Pentachlorophenol	16.49	266	58	0.258	ng	85
32) Bis(2-ethylhexyl)phthalate	20.92	149	2912	0.501	ng	100

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

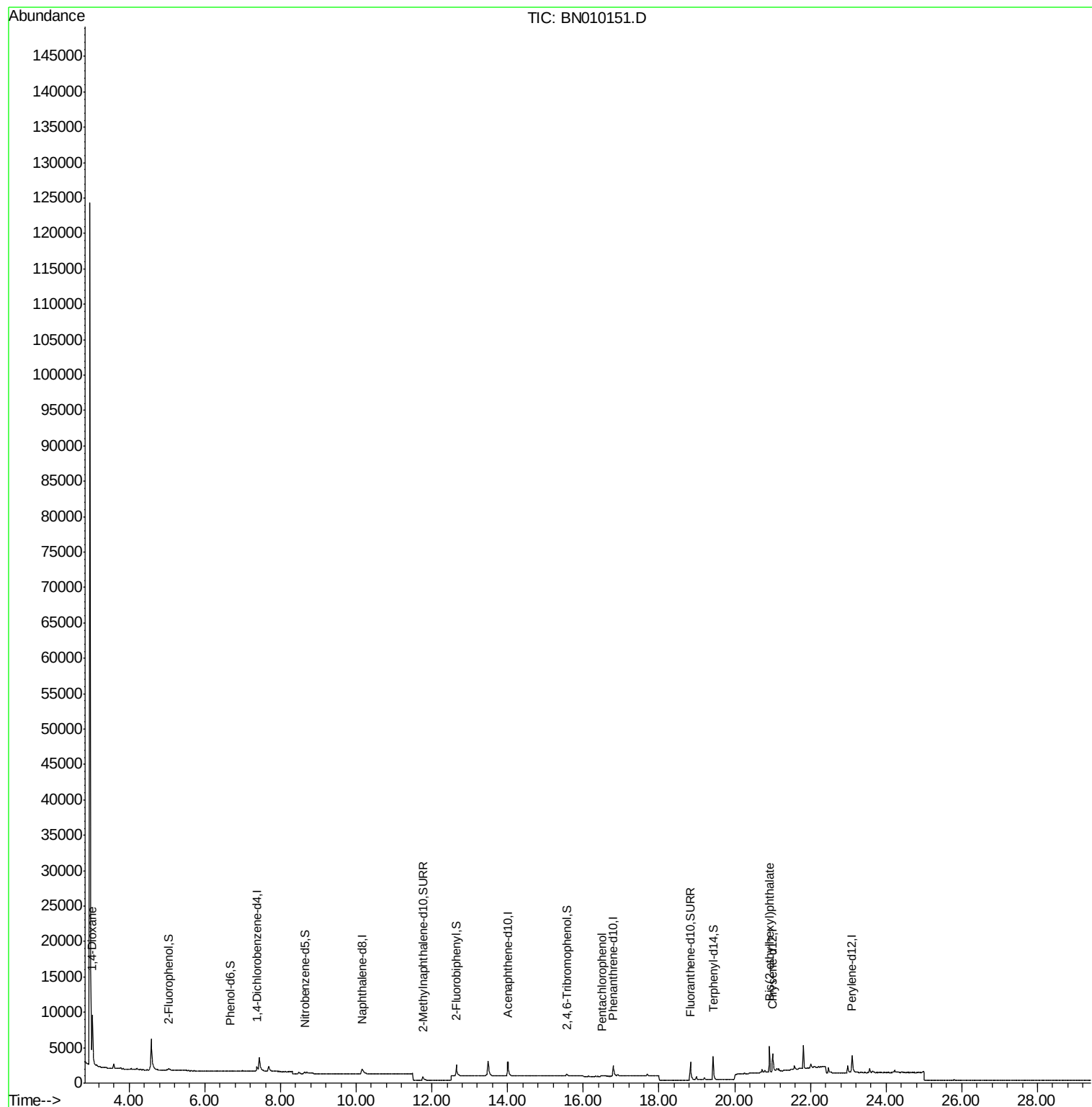
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010151.D
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ALS Vial : 10 Sample Multiplier: 1

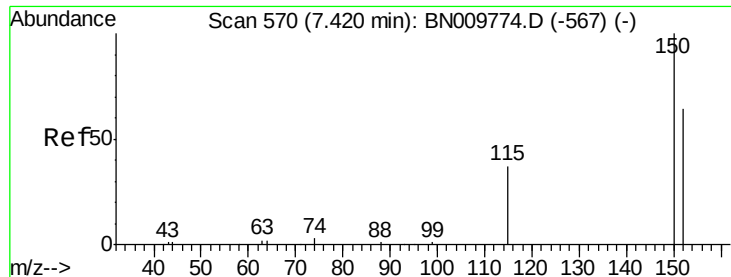
Instrument :
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RE126D2-20200303

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#1

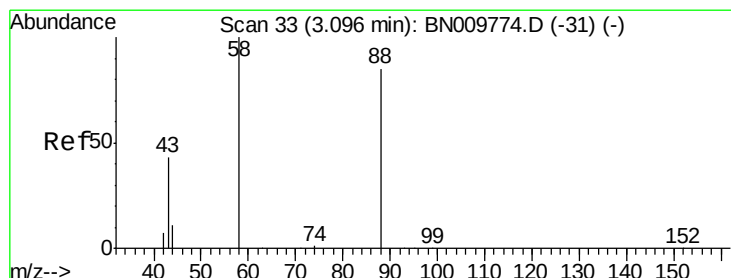
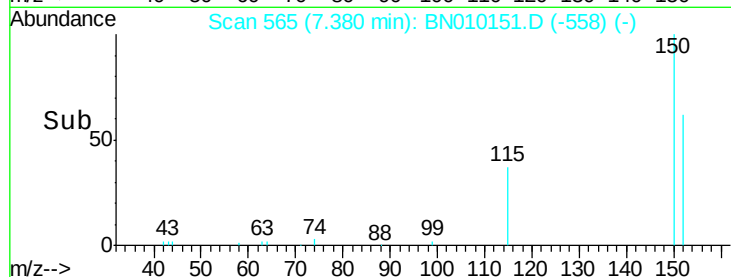
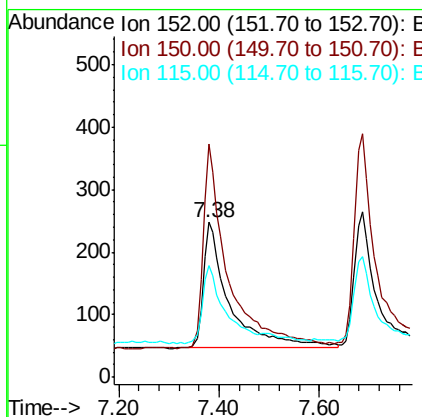
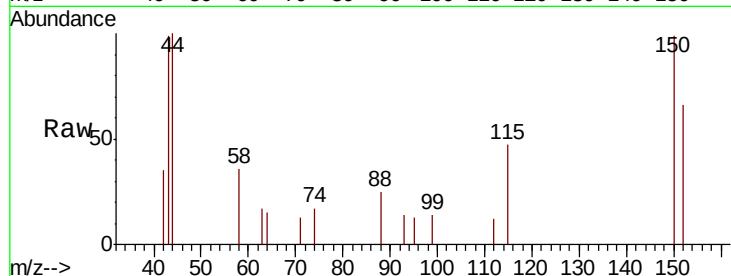
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	120.6	181.0
115	71.8	51.2	76.8

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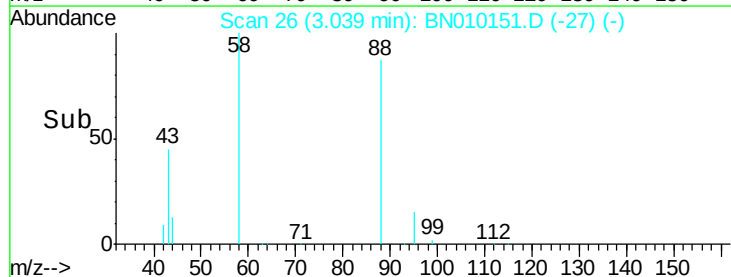
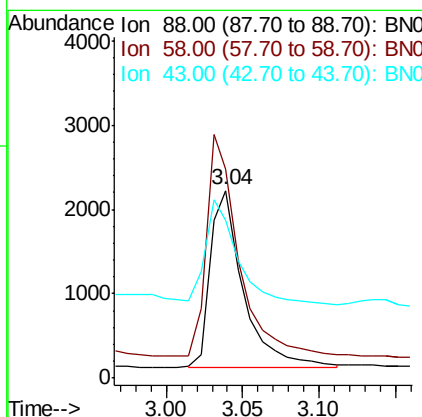
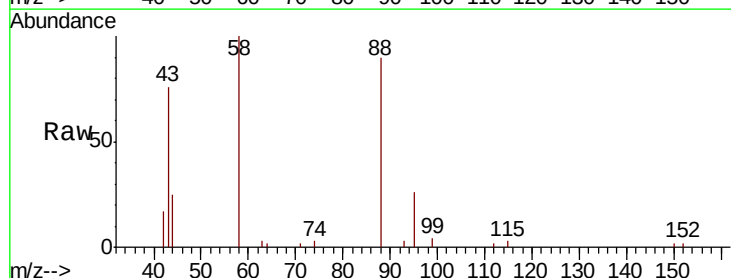
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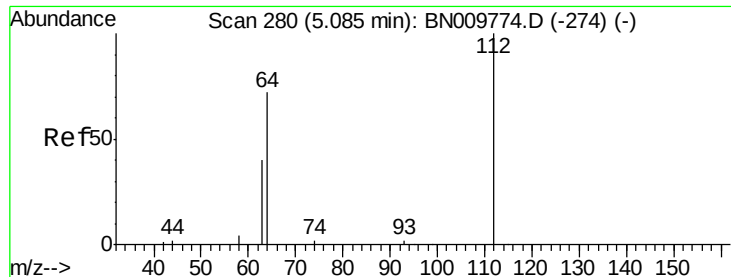


#2

1,4-Dioxane
Concen: 4.271 ng m
RT: 3.04 min Scan# 26
Delta R.T. -0.06 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

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: 0.193 ng

RT: 5.05 min Scan# 276

Delta R.T. -0.03 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

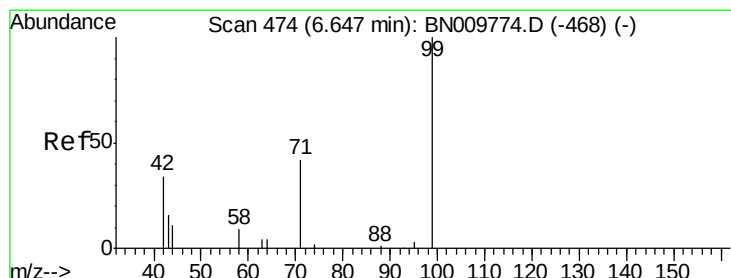
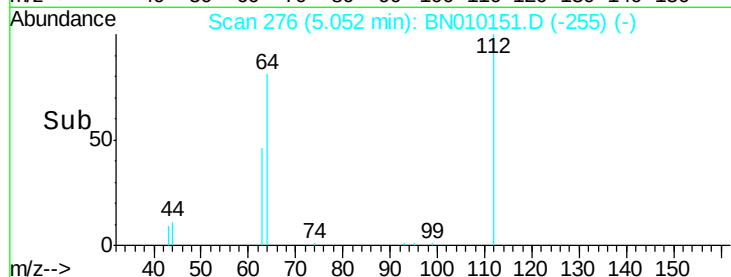
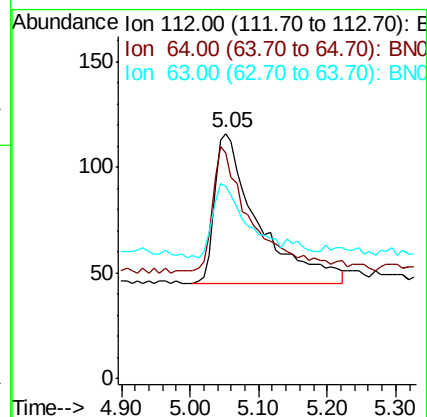
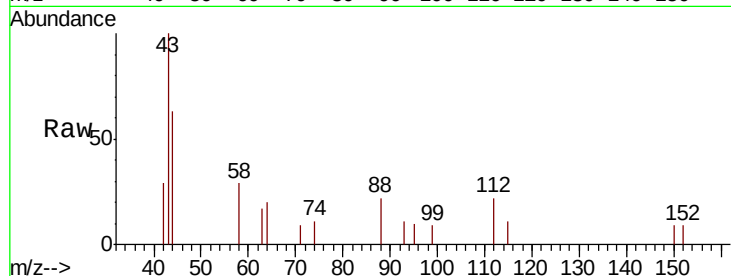
ClientSampleId :

RE126D2-20200303

Tot Ion:	112	Resp:	311
Ion	Ratio	Lower	Upper
112	100		
64	72.7	65.8	98.6
63	40.2	38.7	58.1

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#5

Phenol-d6

Concen: 0.076 ng m

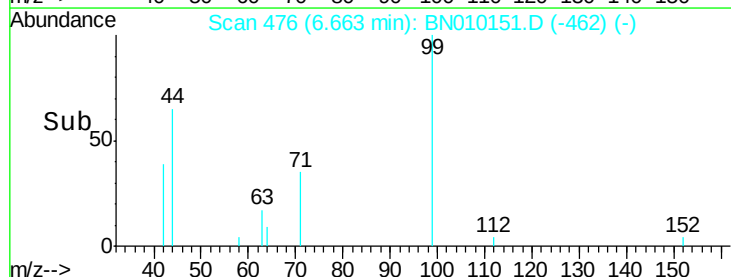
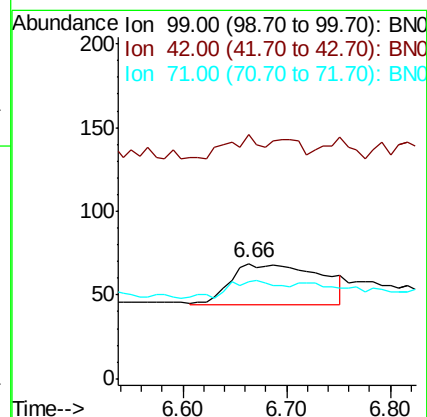
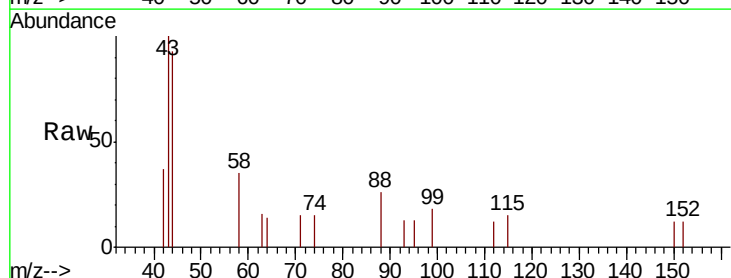
RT: 6.66 min Scan# 476

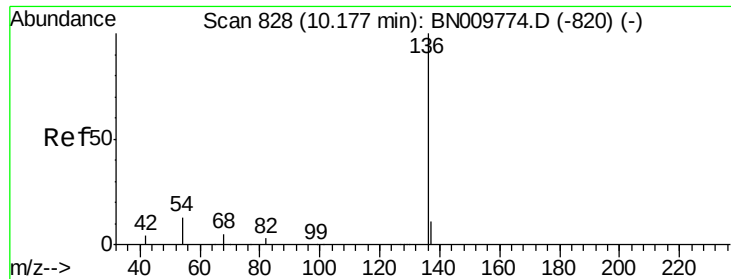
Delta R.T. 0.02 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Tgt Ion:	99	Resp:	149
Ion	Ratio	Lower	Upper
99	100		
42	20.8	30.8	46.2#
71	26.2	34.9	52.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

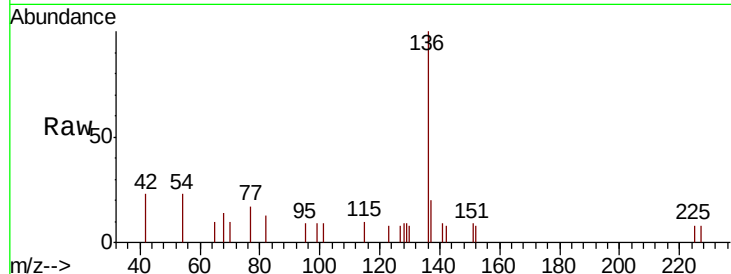
ClientSampleId :

RE126D2-20200303

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2290		
137	19.6	11.3	16.9#		
54	22.8	13.4	20.2#		
68	14.4	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

10.15

800

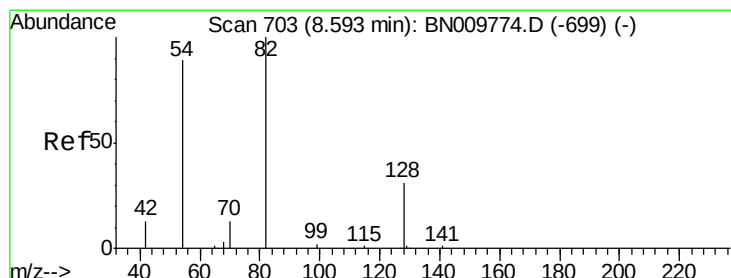
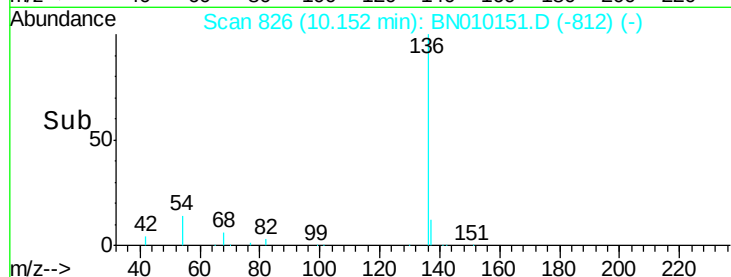
600

400

200

0

Time--> 10.00 10.10 10.20 10.30



#8

Nitrobenzene-d5

Concen: 0.416 ng m

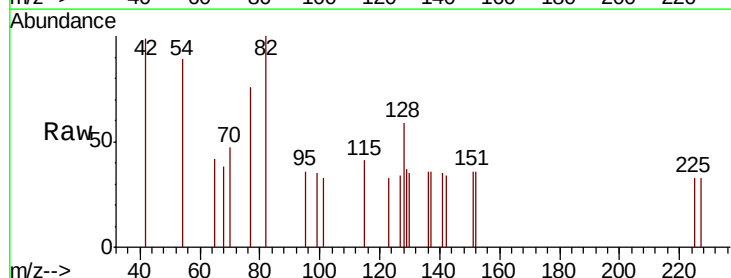
RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		792		
128	58.5	32.5	48.7#		
54	88.9	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

8.66

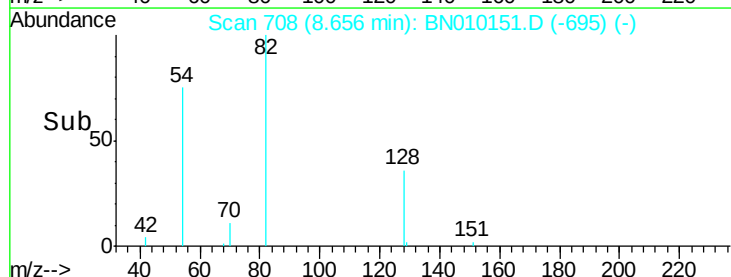
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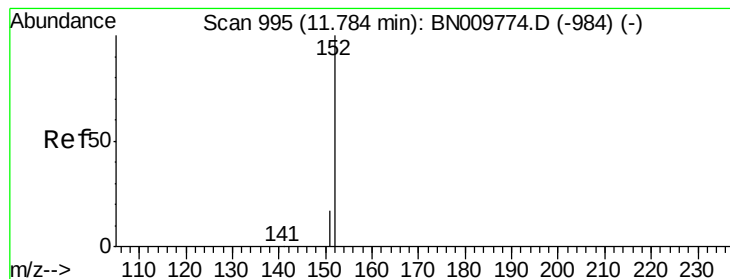
100

50

0

Time--> 8.60 8.80





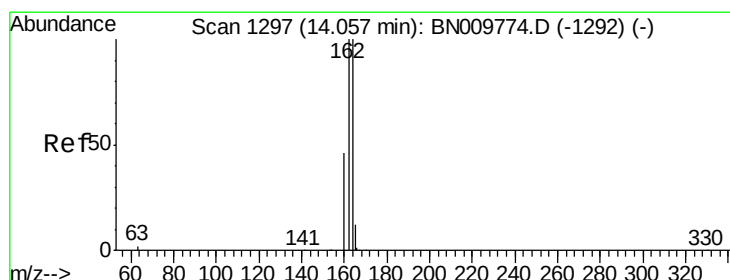
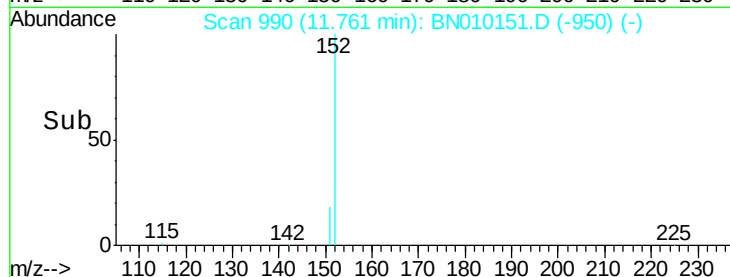
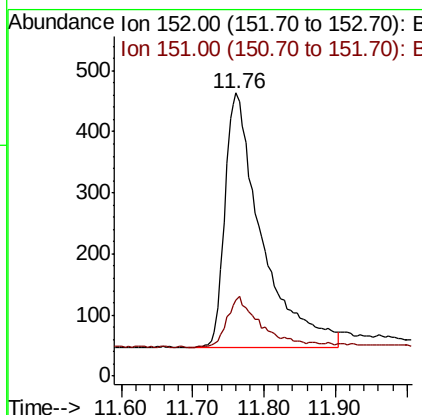
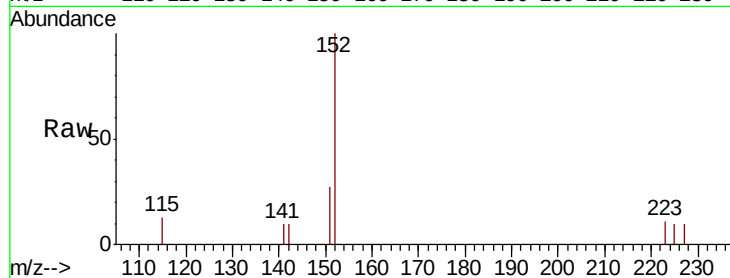
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.02 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Instrument :
BNA_N
ClientSampleId :
RE126D2-20200303

Tot Ion	Ratio	Lower	Upper
152	100		
151	16.3	15.1	22.7

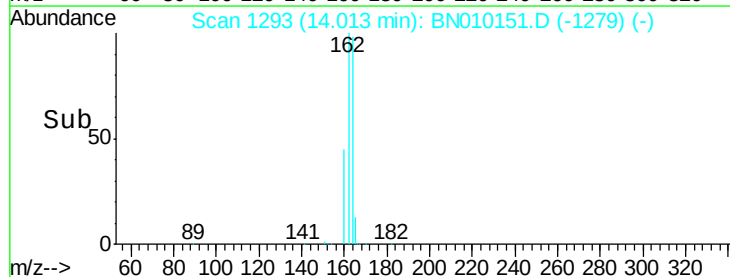
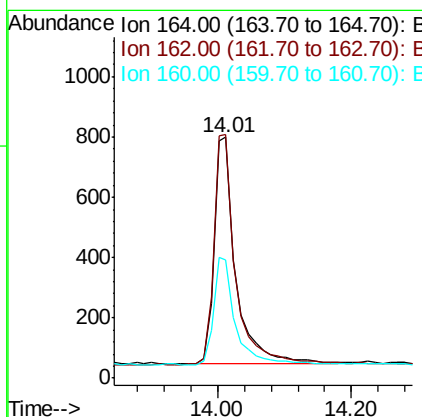
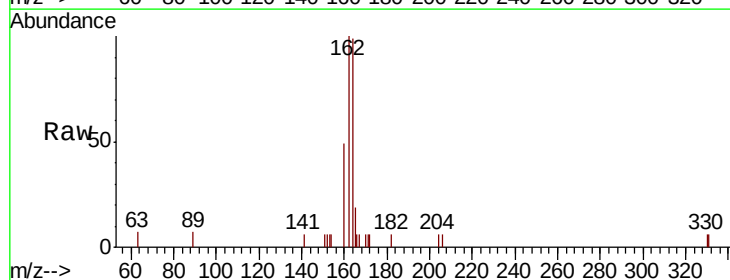
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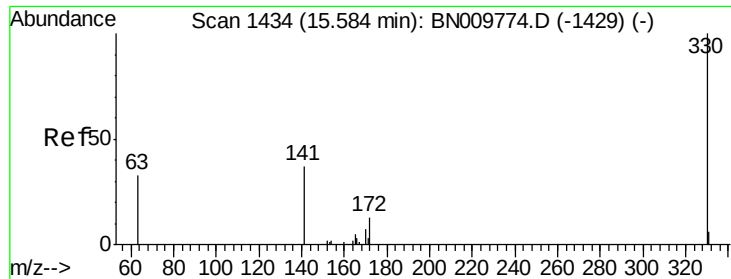
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.9	119.9
160	49.2	38.2	57.2





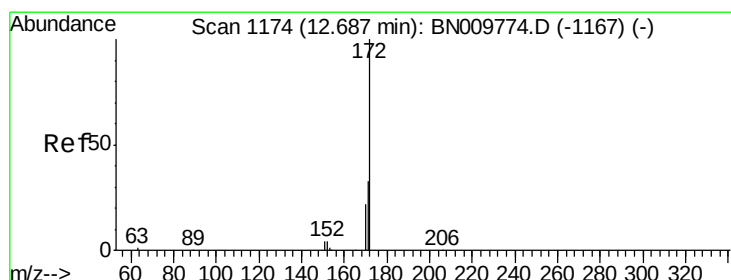
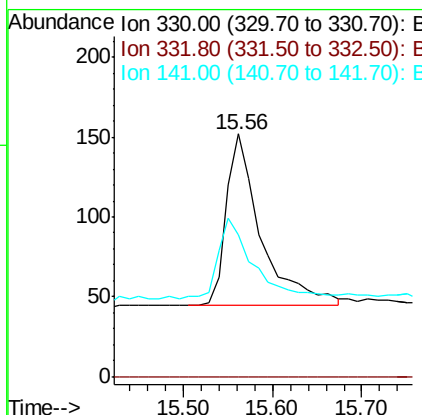
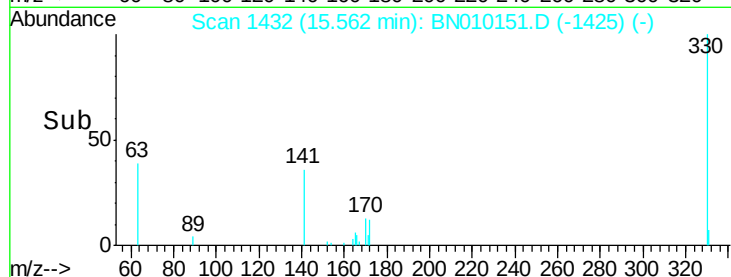
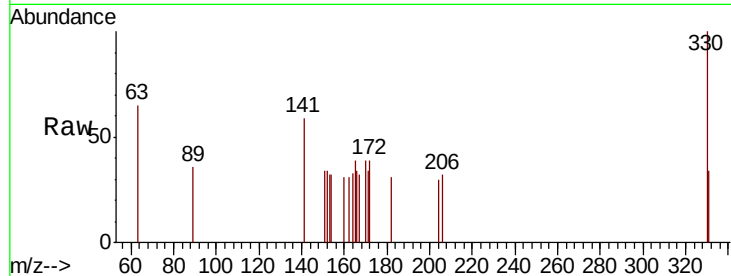
#14
 2,4,6-Tribromophenol
 Concen: 0.435 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010151.D
 Acq: 09 Mar 2020 18:43

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20200303

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.4	36.8	55.2

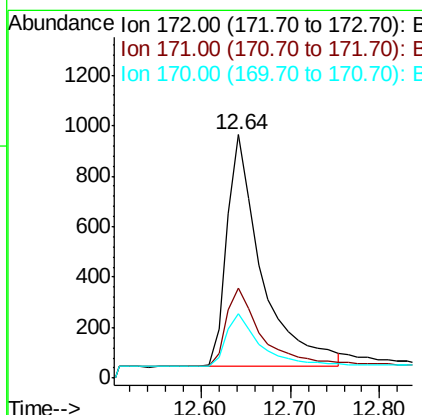
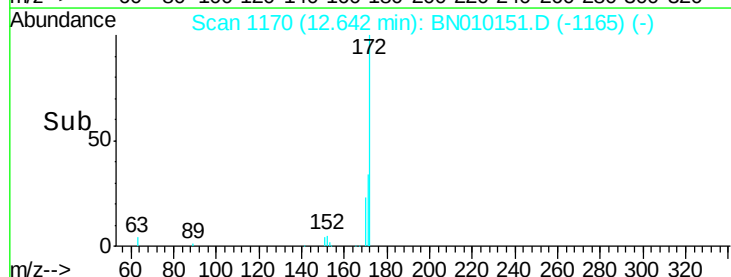
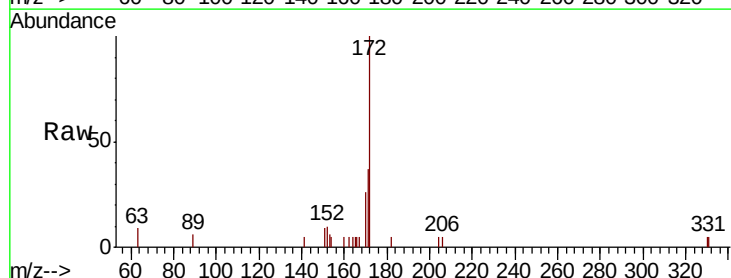
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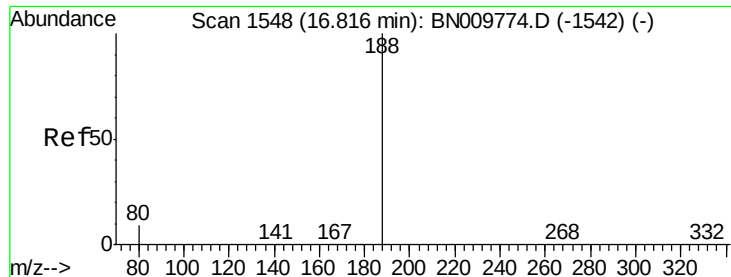
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#15
 2-Fluorobiphenyl
 Concen: 0.389 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010151.D
 Acq: 09 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	26.3	20.1	30.1





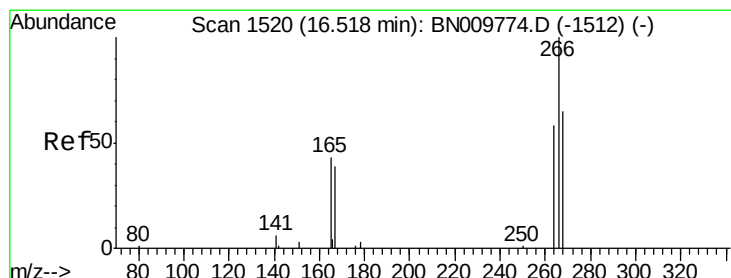
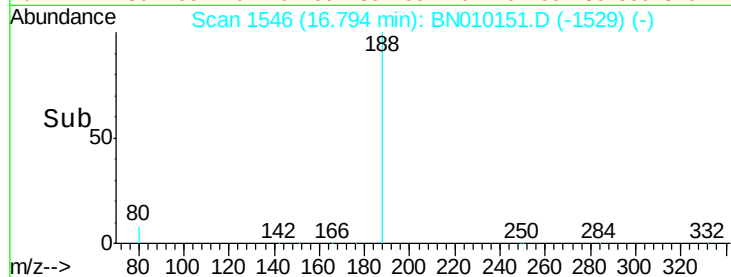
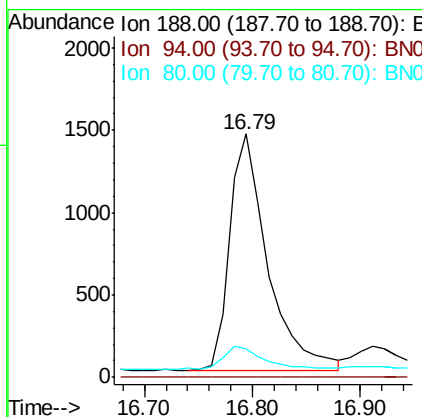
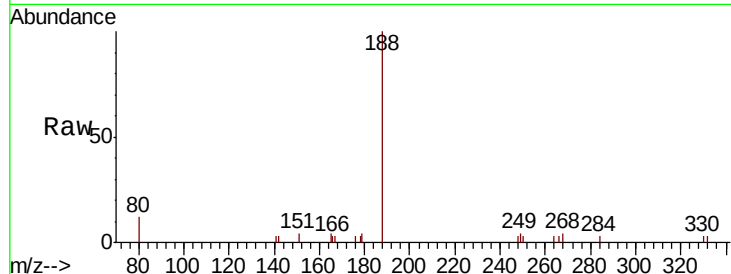
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:	188	Resp:	3478
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	8.3	12.5

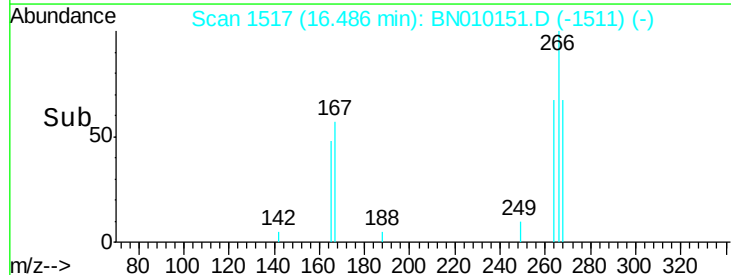
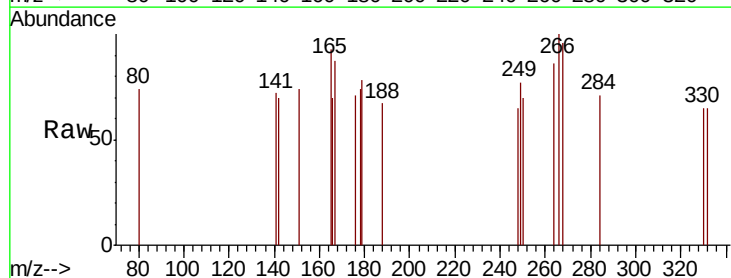
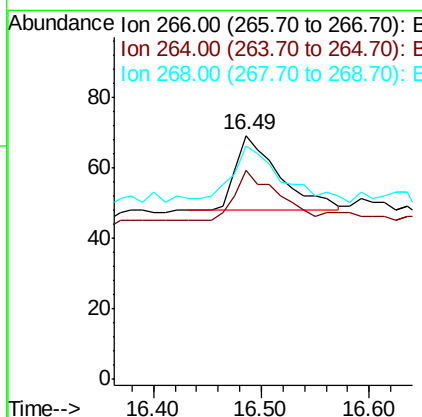
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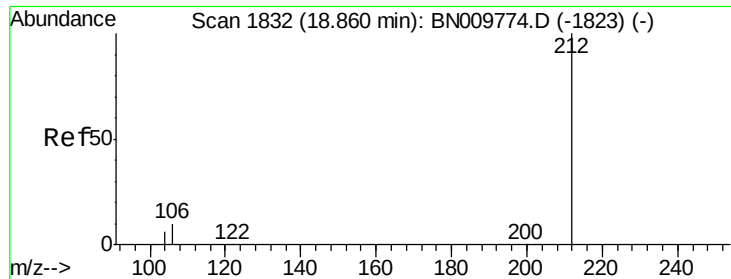
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#22
Pentachlorophenol
Concen: 0.258 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Tgt Ion:	266	Resp:	58
Ion Ratio	Lower	Upper	
266	100		
264	85.5	58.1	87.1
268	95.7	65.7	98.5





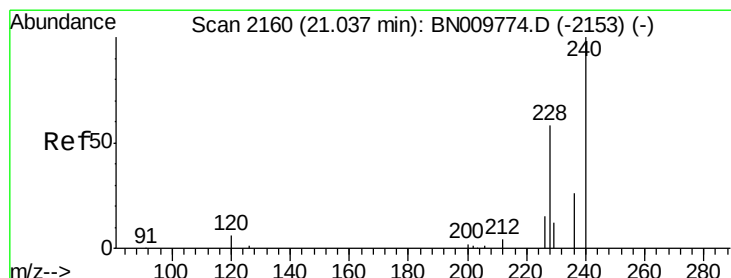
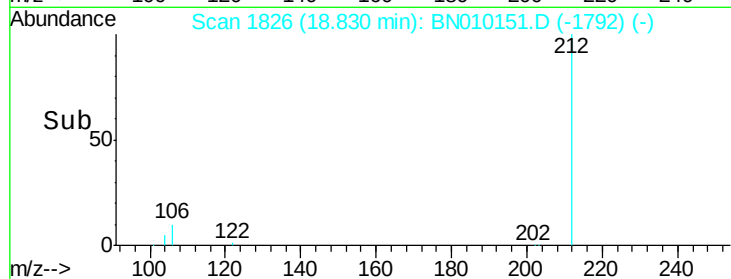
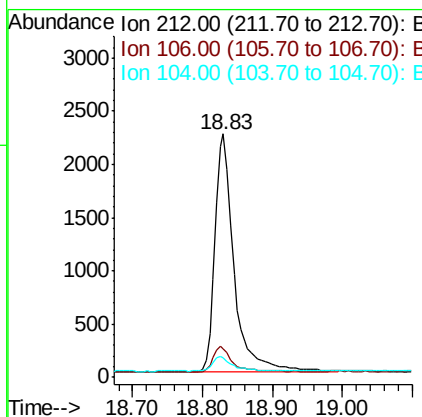
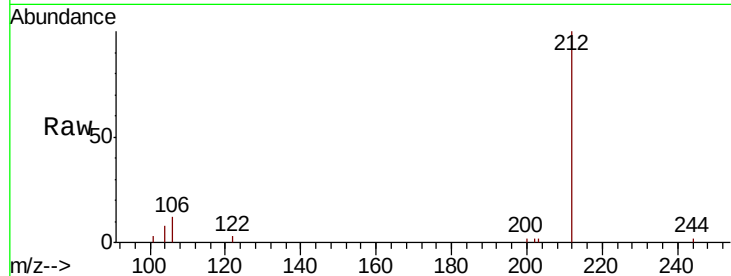
#25
 Fluoranthene-d10
 Concen: 0.359 ng
 RT: 18.83 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BN010151.D
 Acq: 09 Mar 2020 18:43

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20200303

Tot Ion	Ratio	Lower	Upper
212	100		
106	10.9	8.4	12.6
104	6.6	4.8	7.2

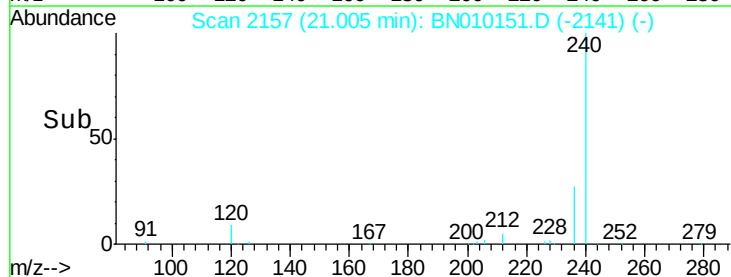
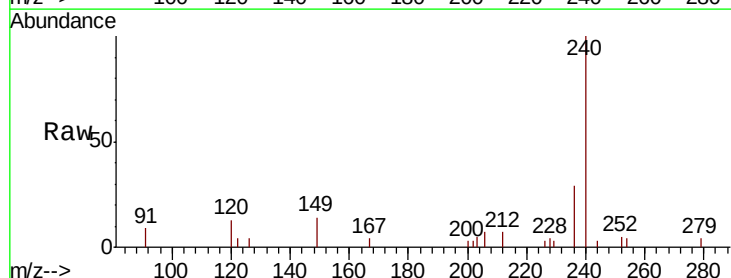
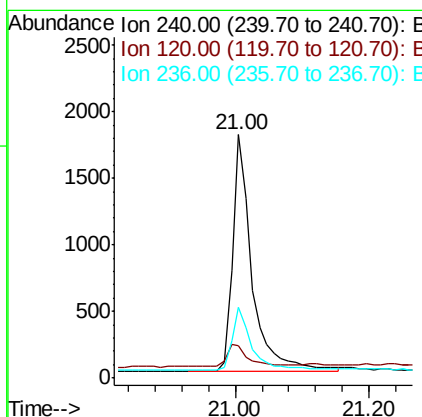
Manual Integrations
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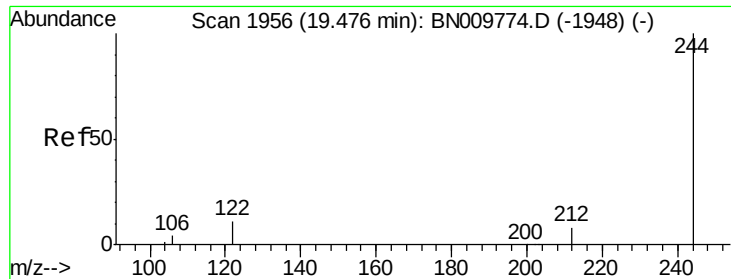
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.03 min
 Lab File: BN010151.D
 Acq: 09 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	7.9	11.9#
236	29.0	22.0	33.0





#29

Terphenyl-d14

Concen: 0.492 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

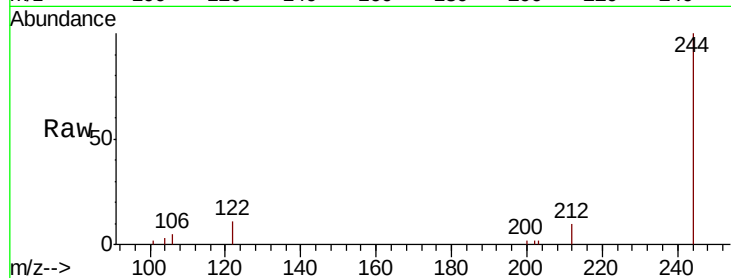
ClientSampleId :

RE126D2-20200303

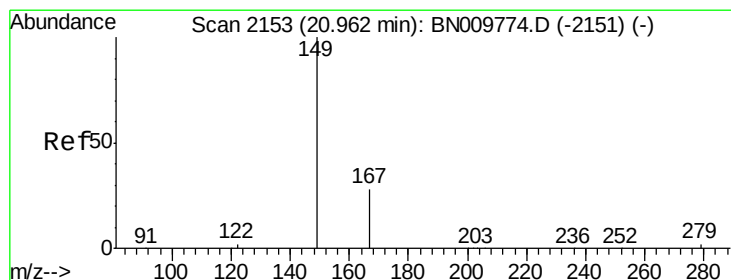
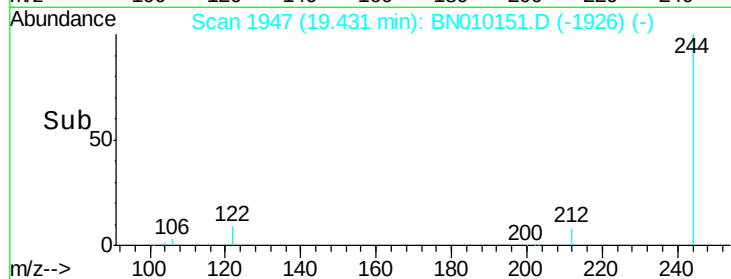
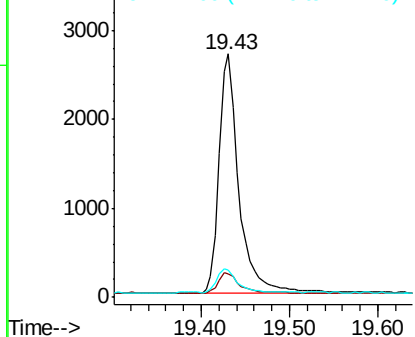
Tot Ion:	244	Resp:	4217
Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.0	12.0
122	11.0	10.0	15.0

Manual Integrations
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mohammad
3/10/2020 2:45:39 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.501 ng

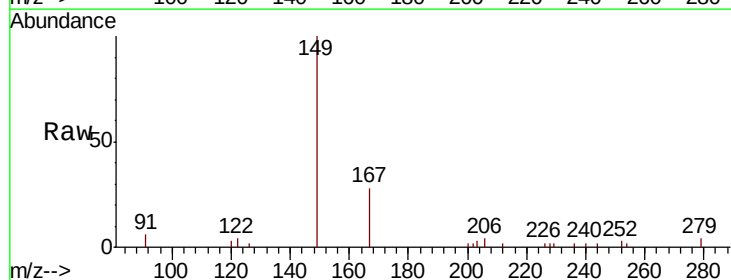
RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

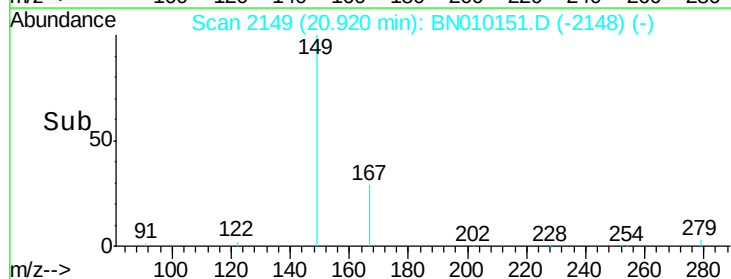
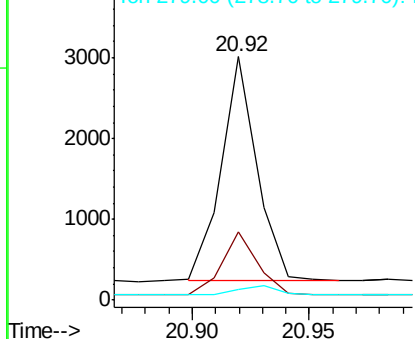
Lab File: BN010151.D

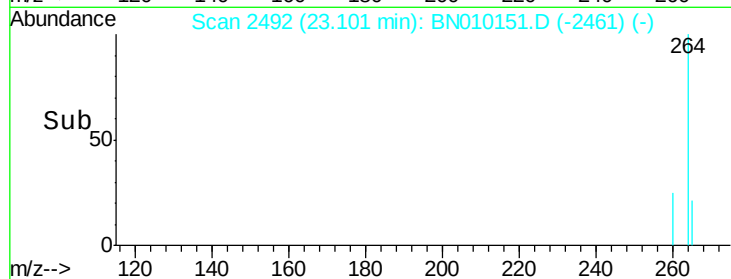
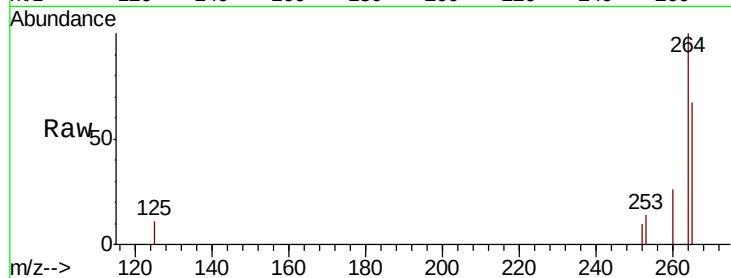
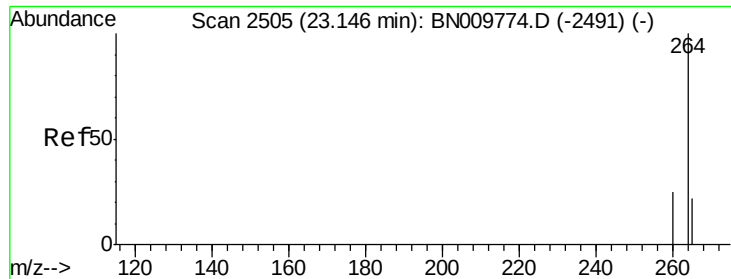
Acq: 09 Mar 2020 18:43

Tgt Ion:	149	Resp:	2912
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.7	34.1
279	4.1	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: BN010151.D
 Acq: 09 Mar 2020 18:43

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.1	31.7
265	66.6	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20200303

Manual Integrations
 APPROVED

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 3/10/2020 2:45:39 PM

