

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100219\
 Data File : BN007974.D
 Acq On : 02 Oct 2019 20:17
 Operator : JU
 Sample : PB123460BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BL

Manual Integrations
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mohammad
 10/4/2019 8:16:42 AM

Quant Time: Oct 03 07:14:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	76	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	15	0.40	ng	-0.01
13) Acenaphthene-d10	14.27	164	37	0.40	ng	-0.06
19) Phenanthrene-d10	17.06	188	35m	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	593m	0.40	ng	-0.01
34) Perylene-d12	23.38	264	26	0.40	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	5584	21.35	ng	0.00
5) Phenol-d6	6.87	99	7621	23.74	ng	0.00
8) Nitrobenzene-d5	8.82	82	6343	483.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	13292	525.98	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	1767	87.68	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	18141	119.04	ng	-0.01
25) Fluoranthene-d10	19.09	212	36087	305.92	ng	-0.02
29) Terphenyl-d14	19.70	244	29905	20.53	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acenaphthylene	14.02	152	1030	5.249	ng	# 96
17) Acenaphthene	14.37	154	108	0.854	ng	95
24) Anthracene	17.19	178	107m	1.087	ng	
26) Fluoranthene	19.12	202	565	4.167	ng	94
28) Pyrene	19.49	202	729m	0.360	ng	
30) Benzo(a)anthracene	21.24	228	959	0.439	ng	# 1
31) Chrysene	21.29	228	1038m	0.488	ng	

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

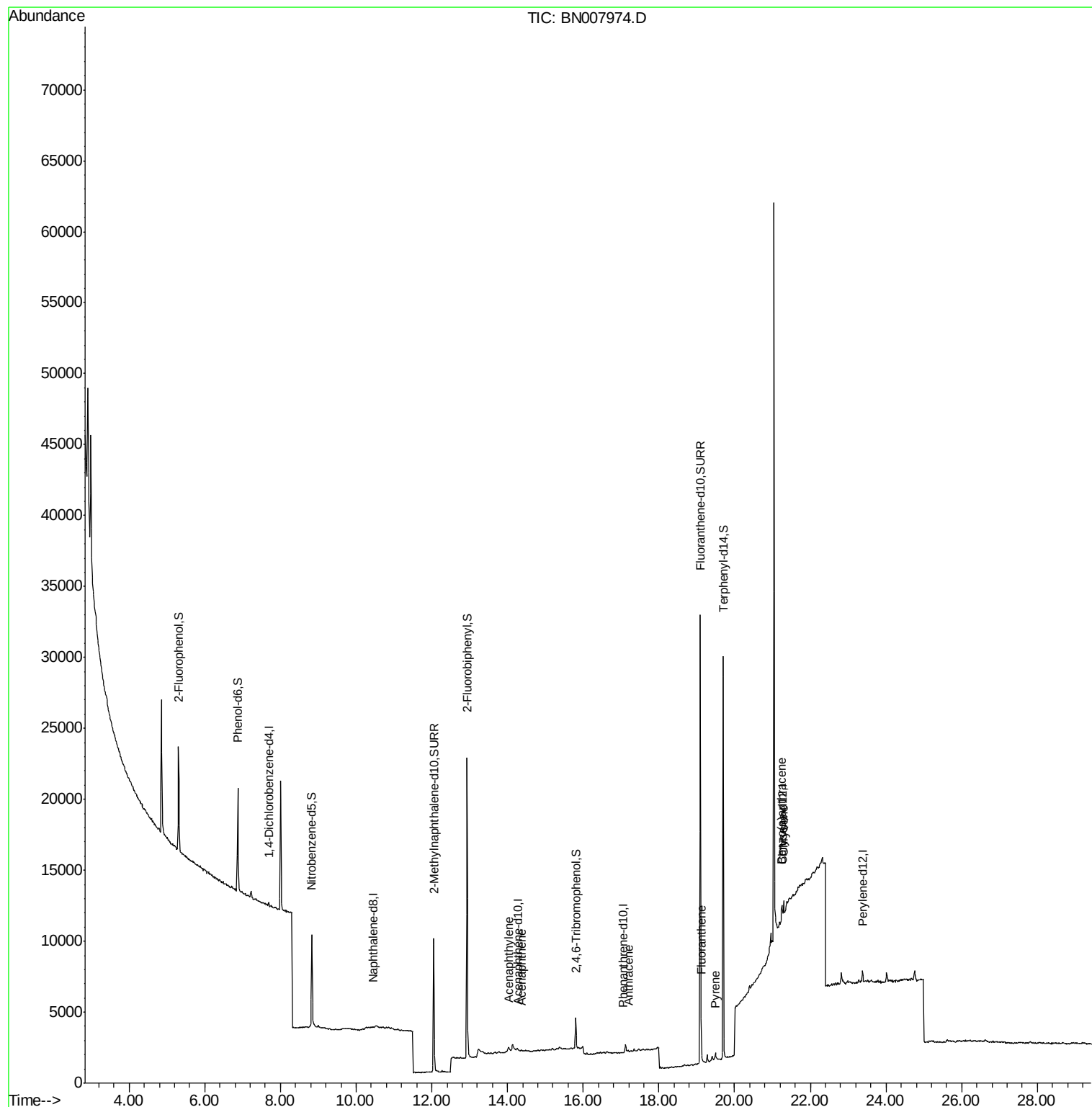
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100219\
Data File : BN007974.D
Acq On : 02 Oct 2019 20:17
Operator : JU
Sample : PB123460BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

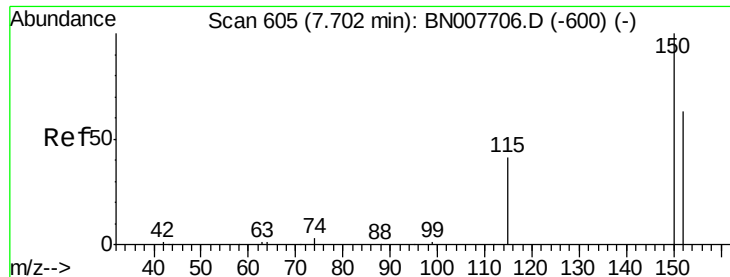
Instrument :
BNA_N
ClientSampleId :
PB123460BL

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Quant Time: Oct 03 07:14:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration





#1

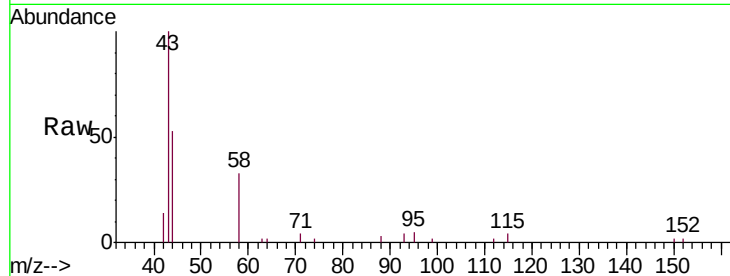
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampled :
PB123460BL

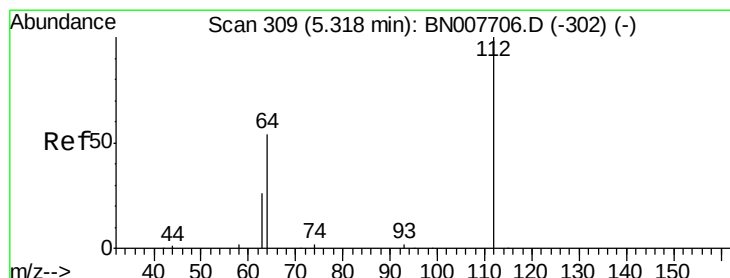
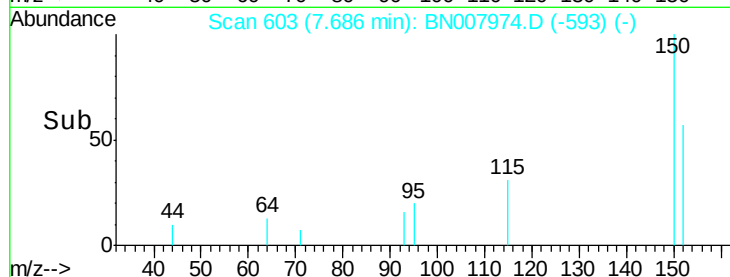
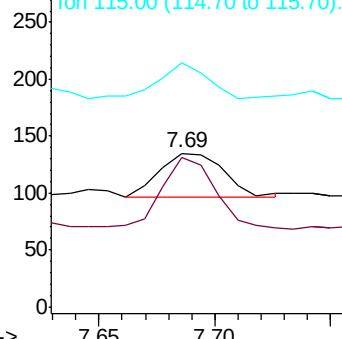
Tgt Ion	Ratio	Lower	Upper
152	100		
150	97.0	125.6	188.4#
115	158.5	53.3	79.9#

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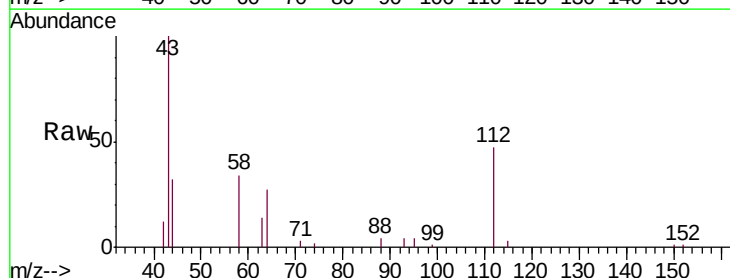
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



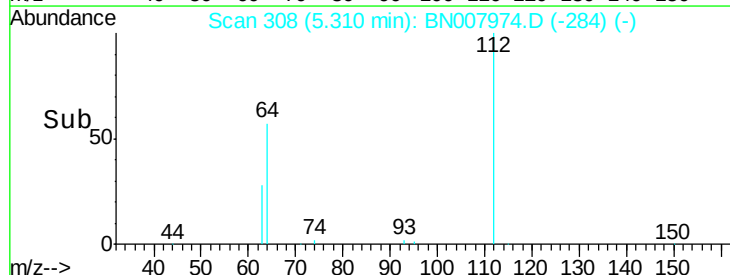
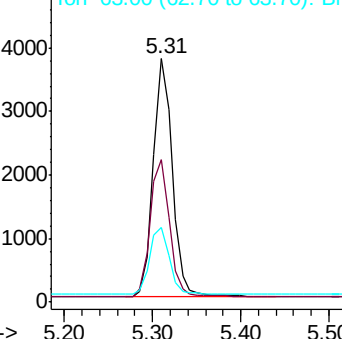
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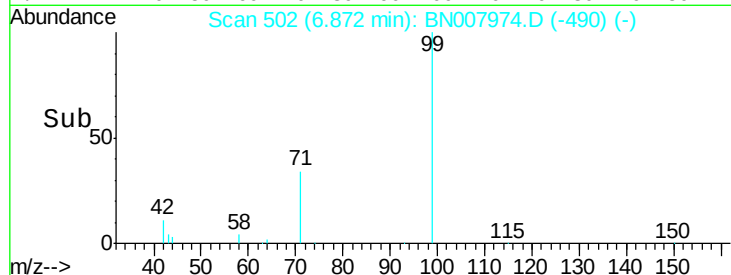
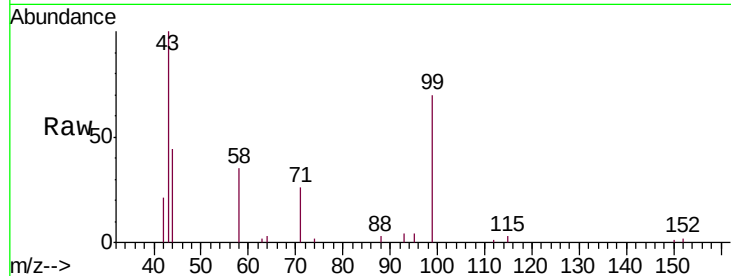
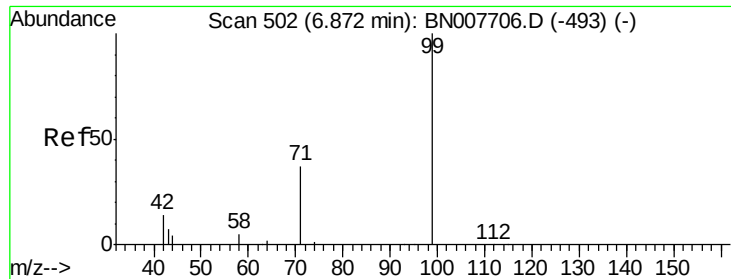
2-Fluorophenol
Concen: 21.348 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.6	70.0
63	29.0	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 23.740 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

Tgt Ion:	99	Resp:	7621
Ion Ratio	Lower	Upper	
99	100		
42	13.9	12.8	19.2
71	34.1	27.6	41.4

Instrument :

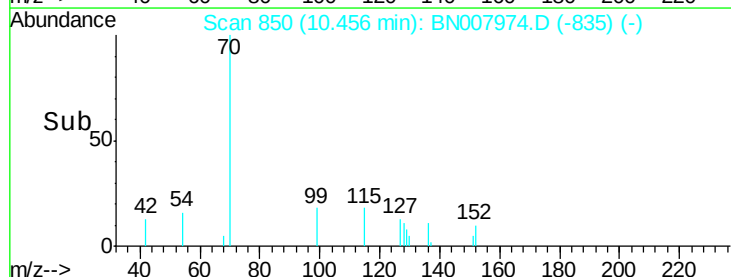
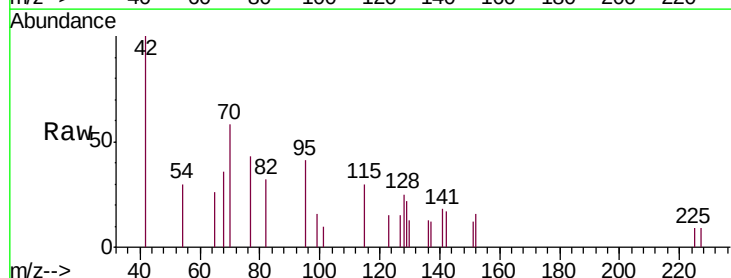
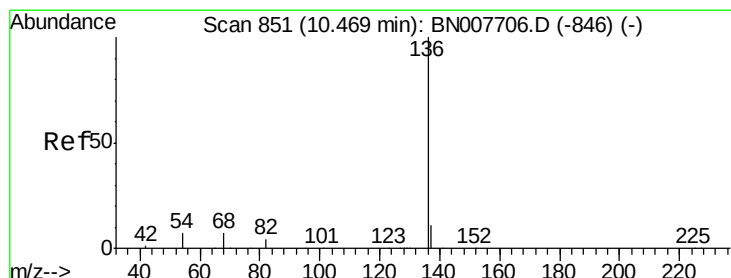
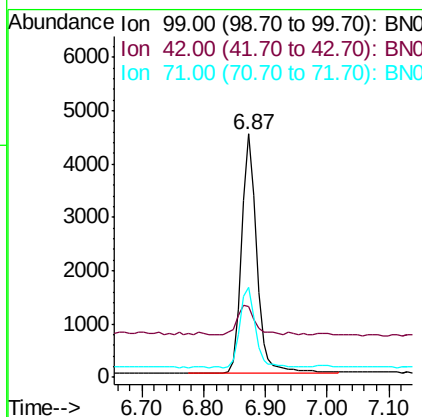
BNA_N

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

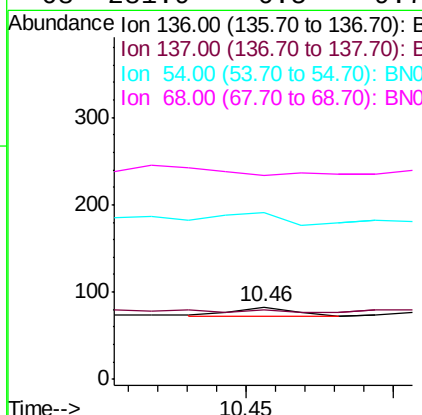
RT: 10.46 min Scan# 850

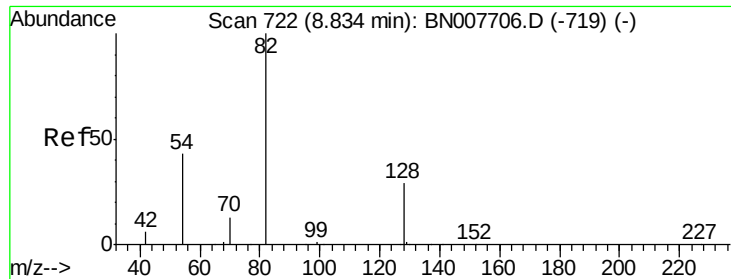
Delta R.T. -0.01 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

Tgt Ion:	136	Resp:	15
Ion Ratio	Lower	Upper	
136	100		
137	96.4	9.2	13.8#
54	230.1	5.8	8.8#
68	281.9	6.5	9.7#





#8

Nitrobenzene-d5

Concen: 483.453 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

Instrument :

BNA_N

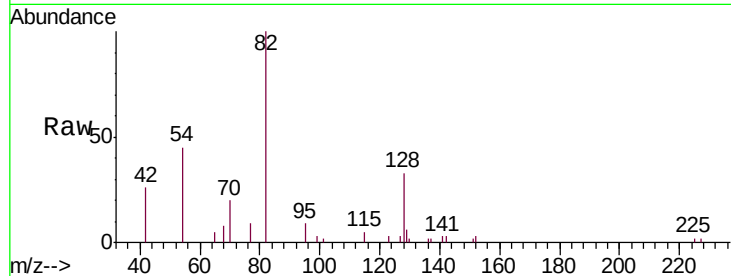
ClientSampleId :

PB123460BL

Tgt Ion:	82	Resp:	6343
Ion Ratio	Lower	Upper	
82	100		
128	33.3	24.5	36.7
54	44.8	35.2	52.8

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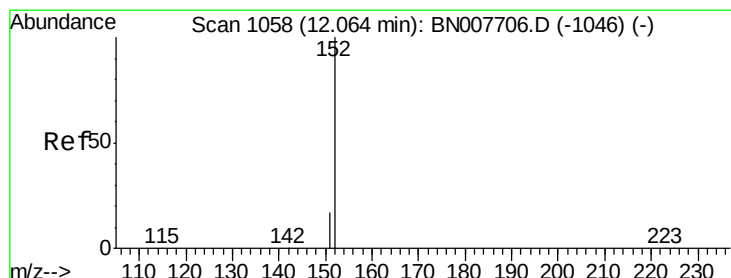
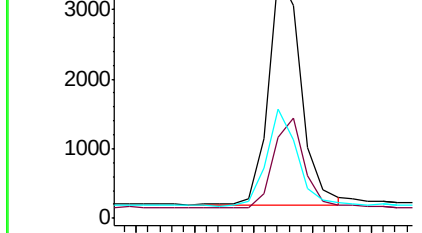
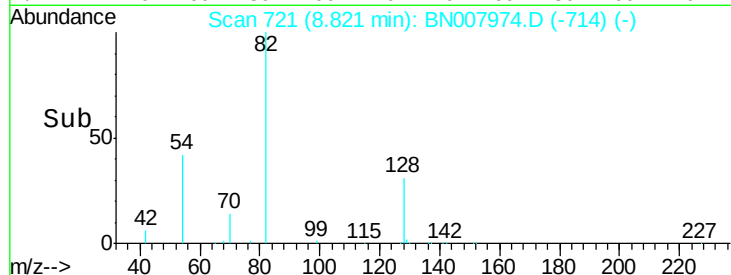


Abundance Ion 82.00 (81.70 to 82.70): BN007974.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007974.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007974.D (-719) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 525.982 ng

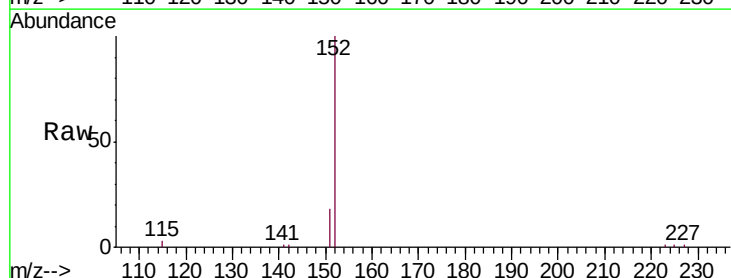
RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

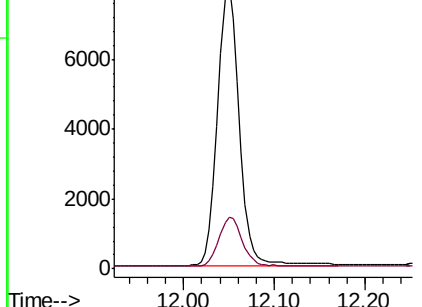
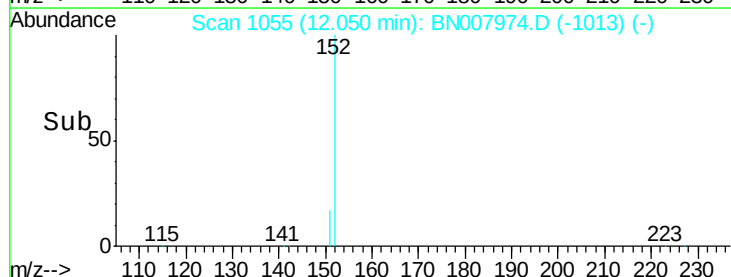
Tgt Ion:	152	Resp:	13292
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.4	23.2

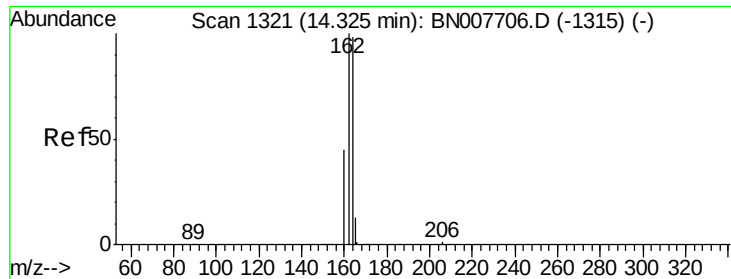


Abundance Ion 152.00 (151.70 to 152.70): BN007974.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007974.D (-1013) (-)

Time-->





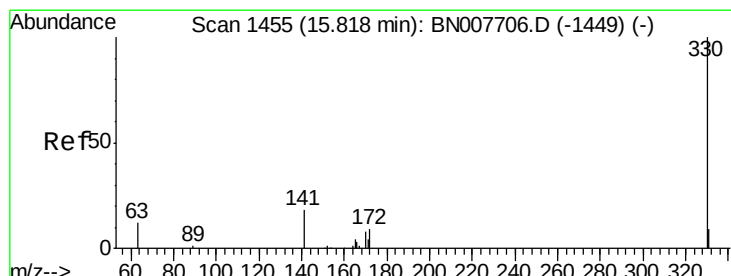
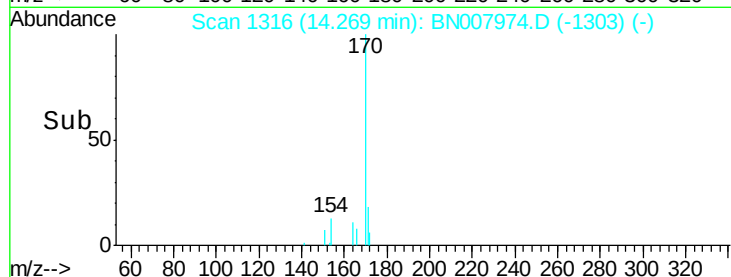
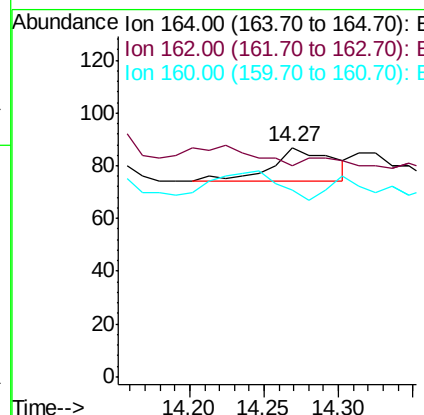
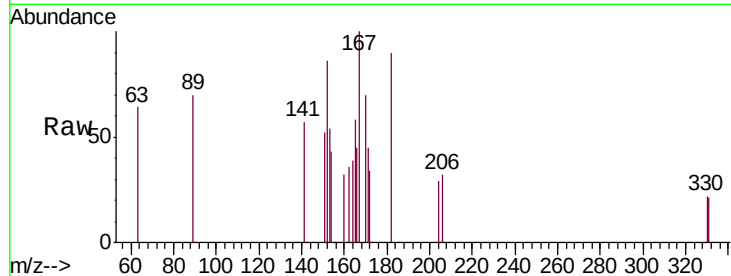
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.06 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :
PB123460BL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.0	81.7	122.5
160	81.6	37.0	55.4

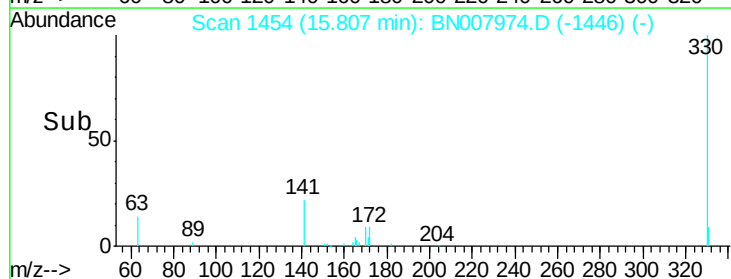
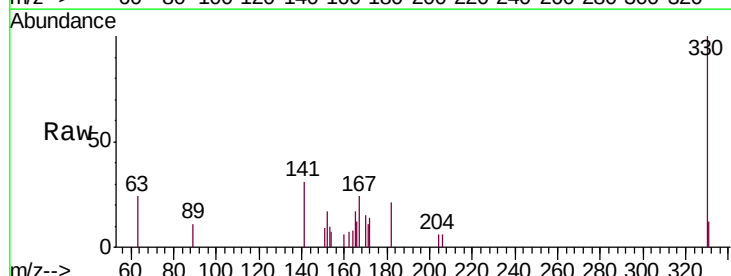
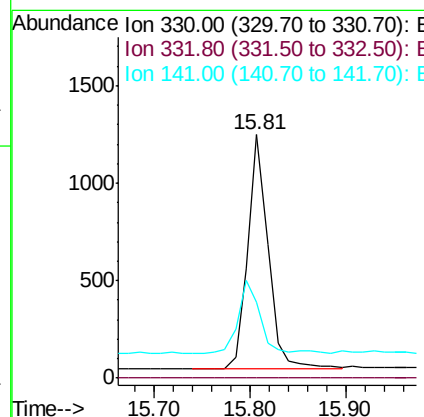
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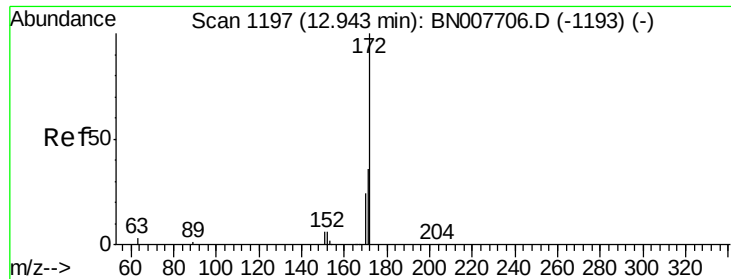
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#14
2,4,6-Tribromophenol
Concen: 87.683 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.4	28.7	43.1





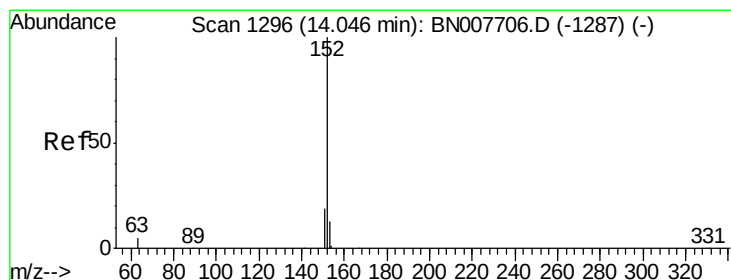
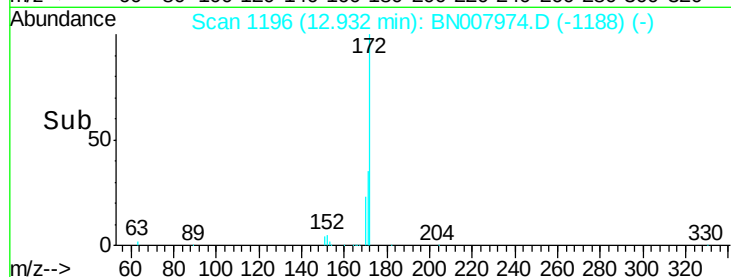
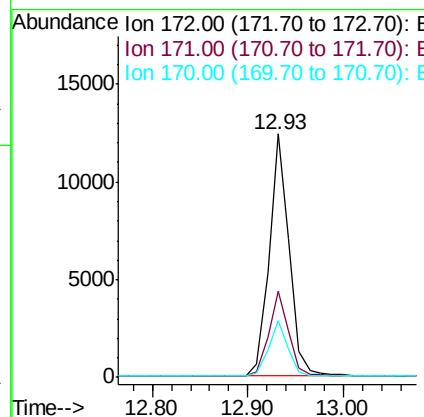
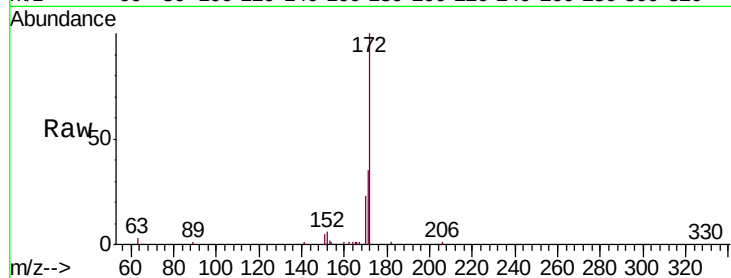
#15
2-Fluorobiphenyl
Concen: 119.041 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :
PB123460BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.1	19.5	29.3

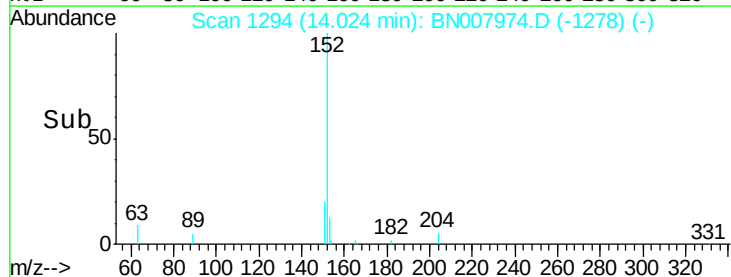
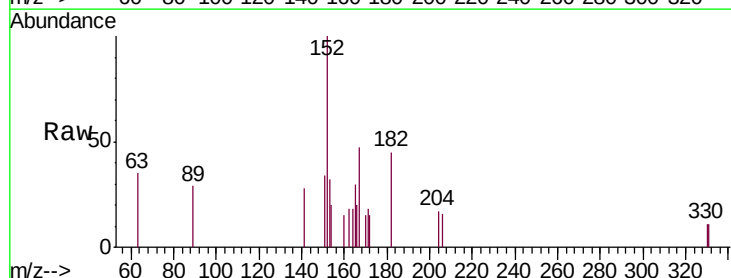
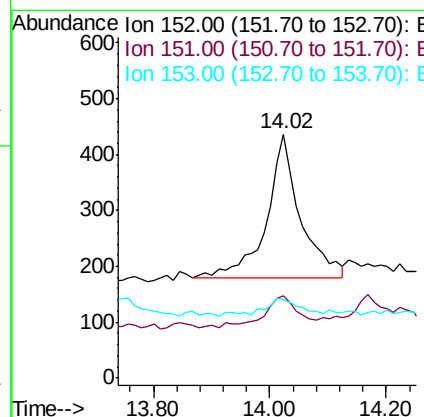
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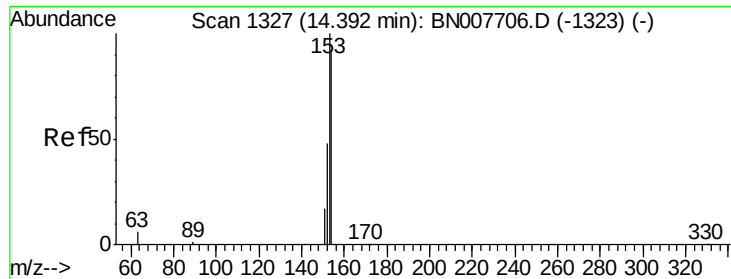
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#16
Acenaphthylene
Concen: 5.249 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	10.3	10.4	15.6





#17

Acenaphthene

Concen: 0.854 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007974.D

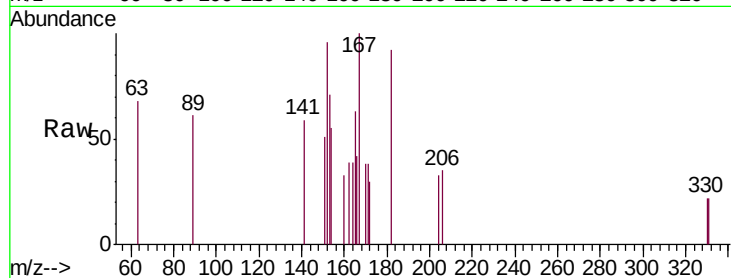
Acq: 02 Oct 2019 20:17

Instrument :

BNA_N

ClientSampleId :

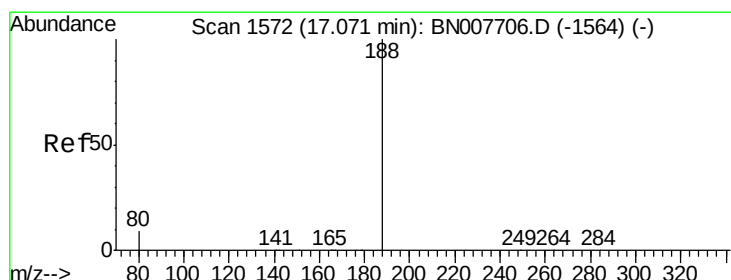
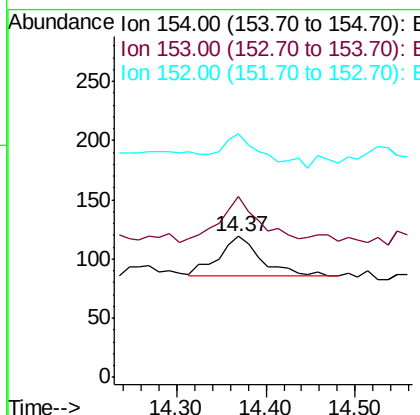
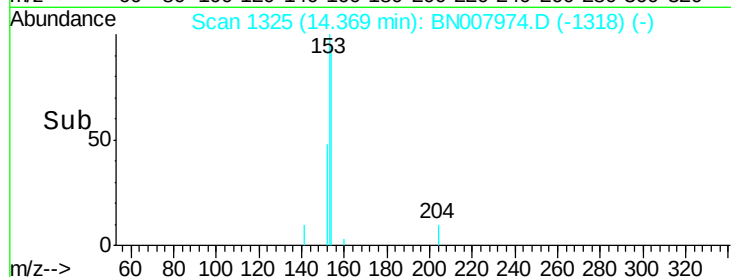
PB123460BL



Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.0	130.4
152	45.4	42.7	64.1

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#19

Phenanthrene-d10

Concen: 0.400 ng m

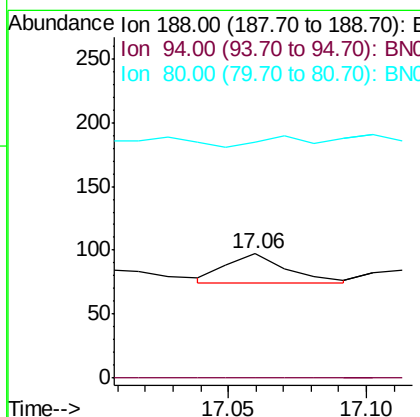
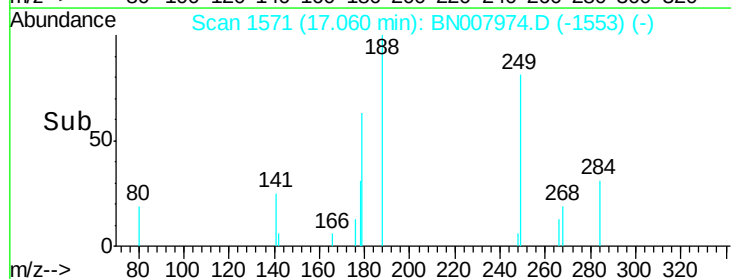
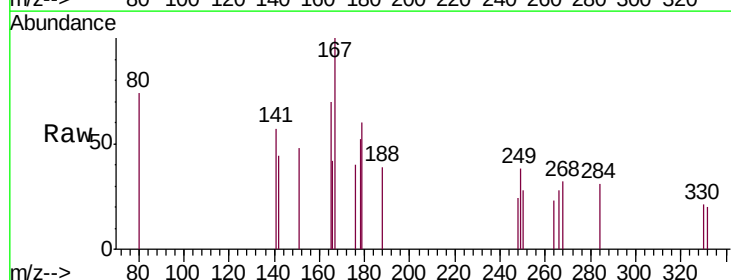
RT: 17.06 min Scan# 1571

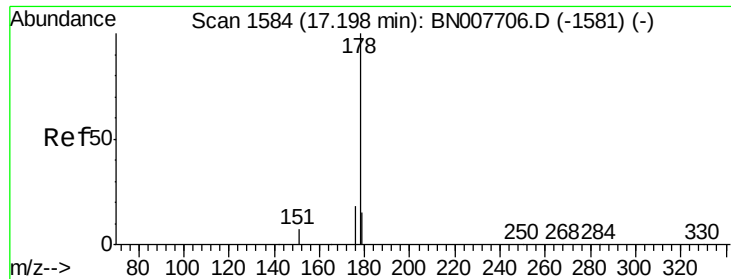
Delta R.T. -0.01 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	190.7	7.4	11.2#





#24

Anthracene

Concen: 1.087 ng m

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007974.D

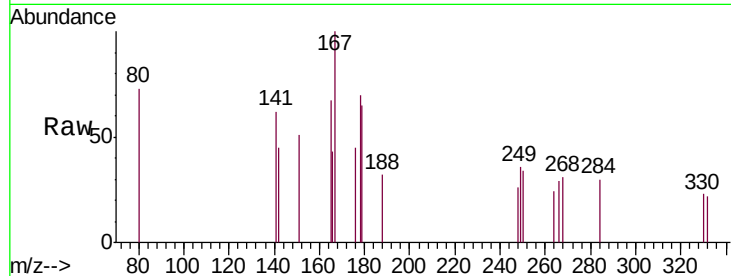
Acq: 02 Oct 2019 20:17

Instrument :

BNA_N

ClientSampleId :

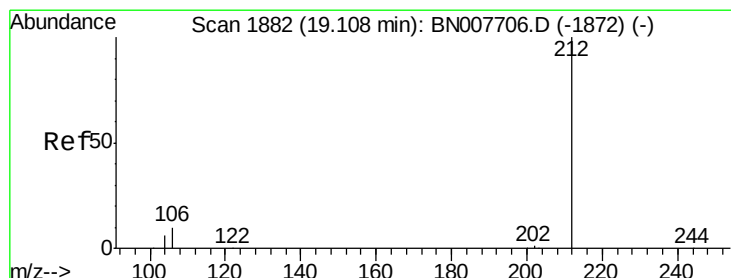
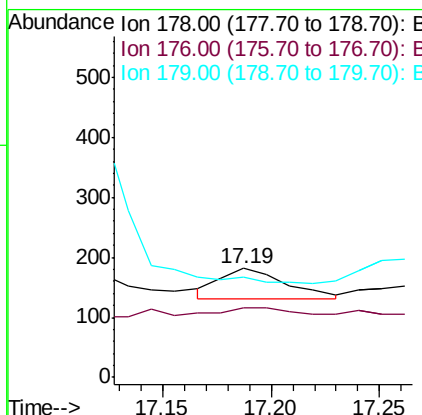
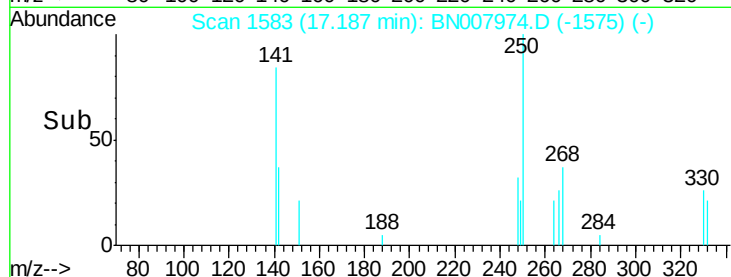
PB123460BL



Tgt Ion	Ratio	Lower	Upper
178	100		
176	36.4	14.6	21.8#
179	0.0	12.2	18.4#

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#25

Fluoranthene-d10

Concen: 305.915 ng

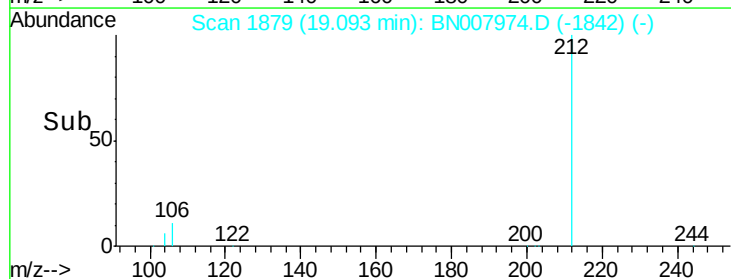
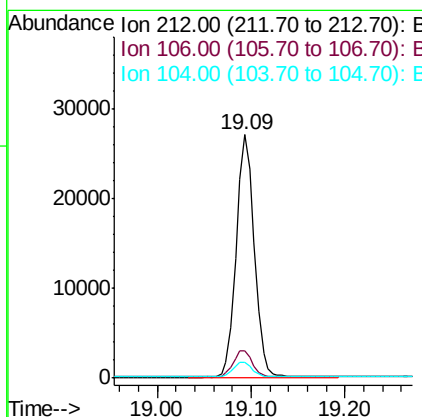
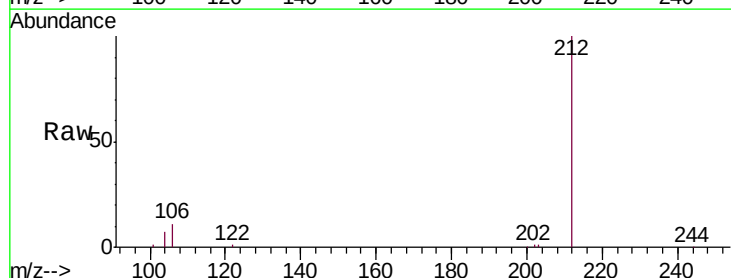
RT: 19.09 min Scan# 1879

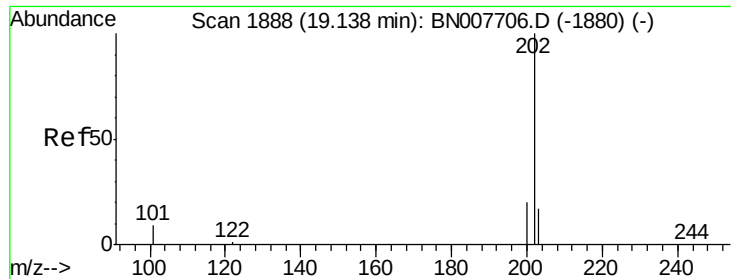
Delta R.T. -0.02 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.0
104	6.5	5.3	7.9





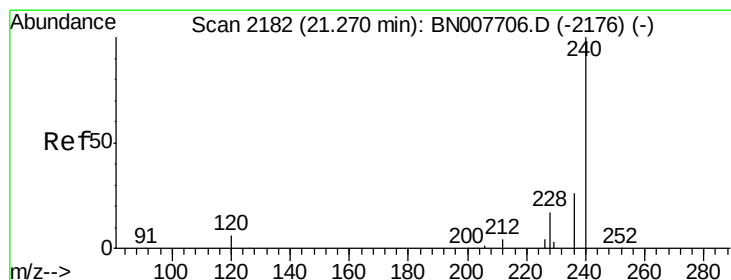
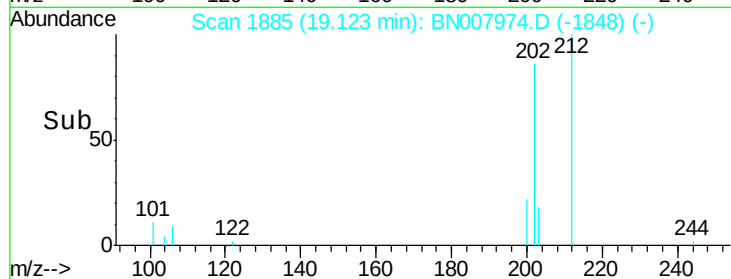
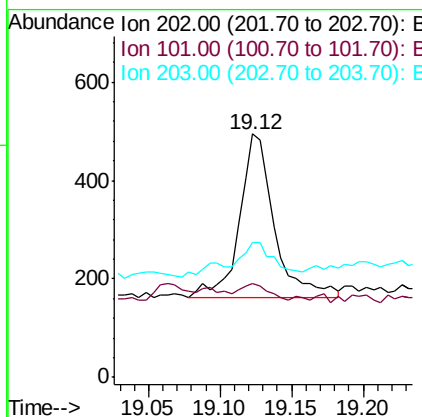
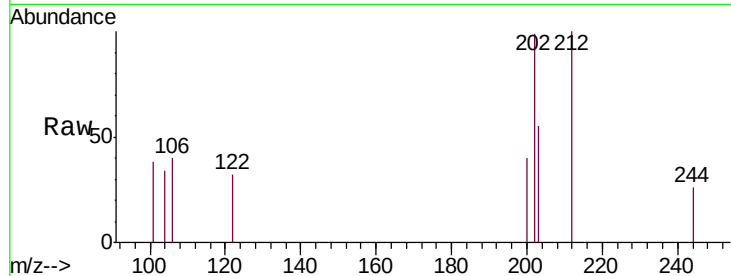
#26
 Fluoranthene
 Concen: 4.167 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.02 min
 Lab File: BN007974.D
 Acq: 02 Oct 2019 20:17

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.4	12.6
203	14.5	13.8	20.8

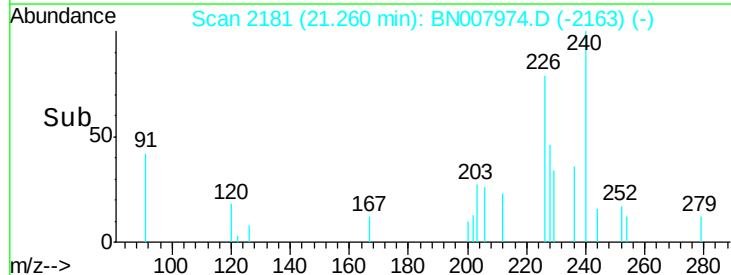
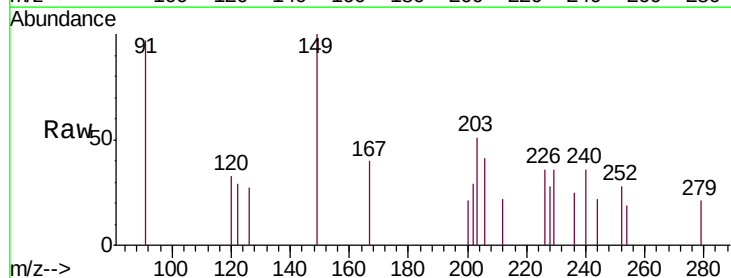
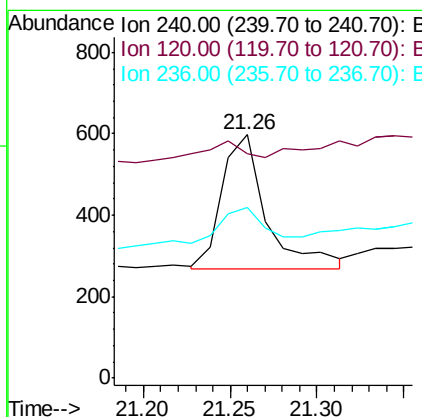
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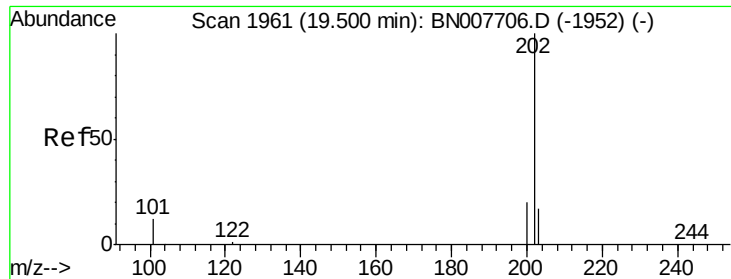
mohammad
 10/4/2019 8:16:42 AM



#27
 Chrysene-d12
 Concen: 0.400 ng m
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007974.D
 Acq: 02 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	92.0	5.4	8.2#
236	70.2	21.0	31.4#





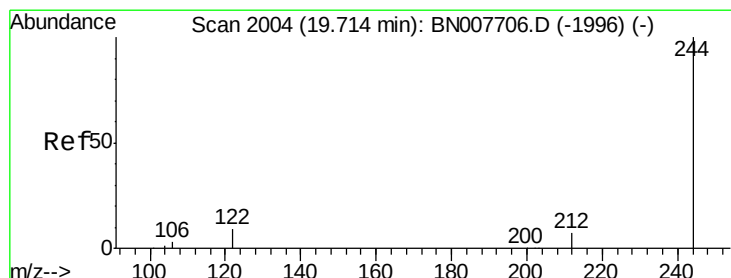
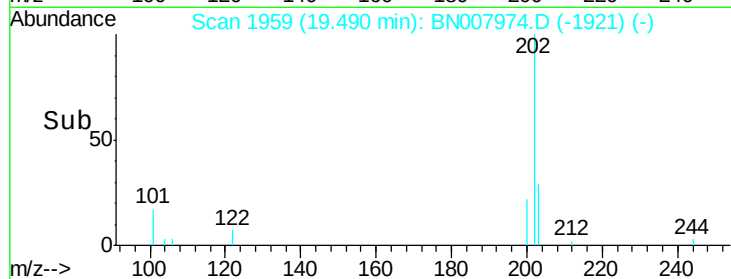
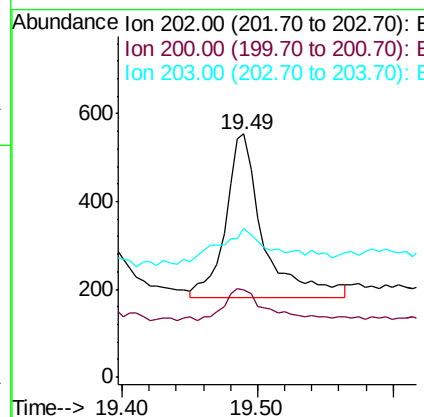
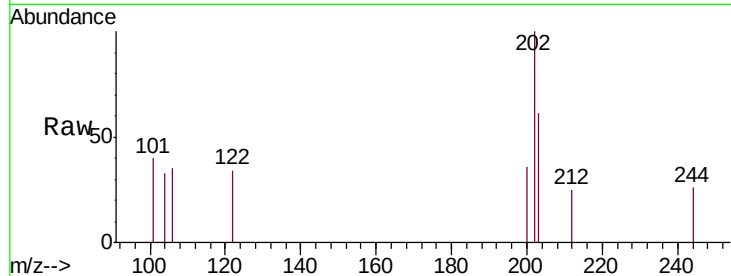
#28
 Pyrene
 Concen: 0.360 ng m
 RT: 19.49 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BN007974.D
 Acq: 02 Oct 2019 20:17

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BL

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.4	24.6
203	16.6	14.1	21.1

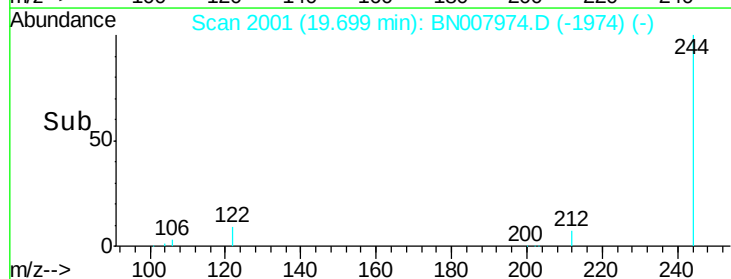
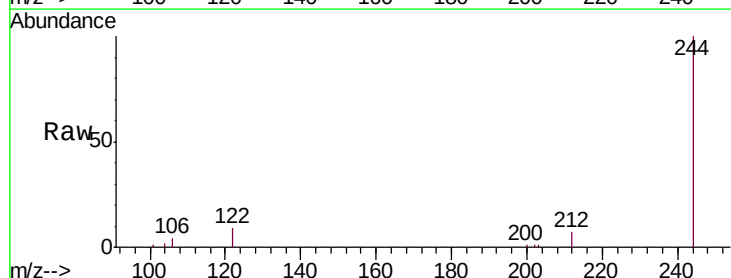
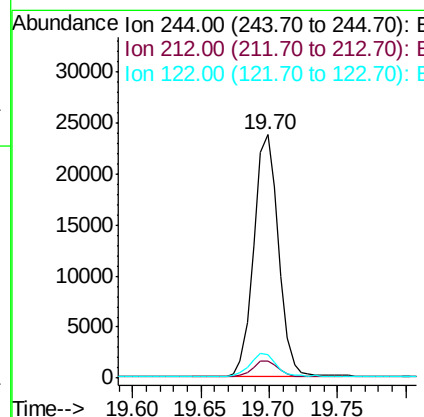
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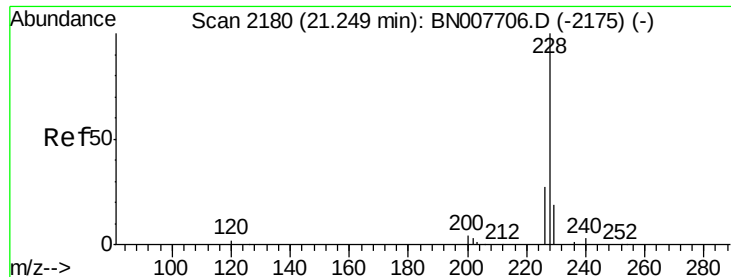
mohammad
 10/4/2019 8:16:42 AM



#29
 Terphenyl-d14
 Concen: 20.531 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BN007974.D
 Acq: 02 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.5	7.4	11.2





#30

Benzo(a)anthracene

Concen: 0.439 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

Instrument :

BNA_N

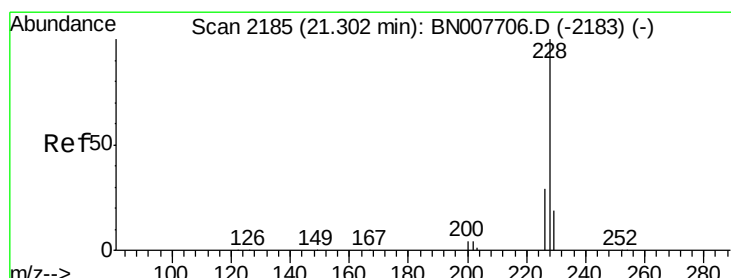
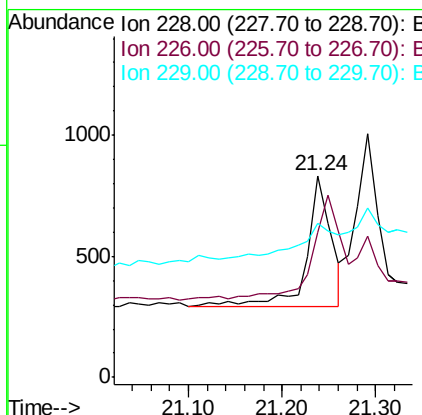
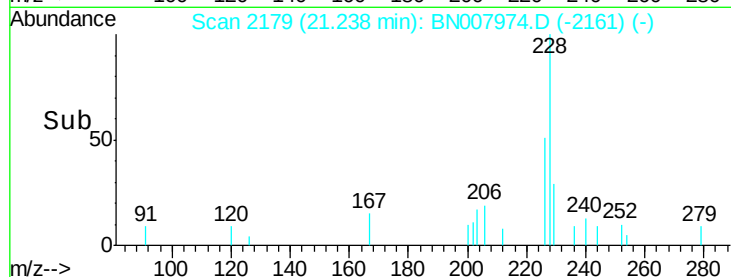
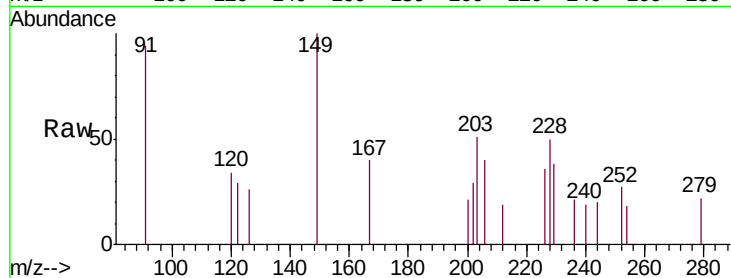
ClientSampleId :

PB123460BL

Tgt Ion:	228	Resp:	959
Ion Ratio	Lower	Upper	
228	100		
226	71.7	22.1	33.1#
229	76.5	15.8	23.6#

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#31

Chrysene

Concen: 0.488 ng m

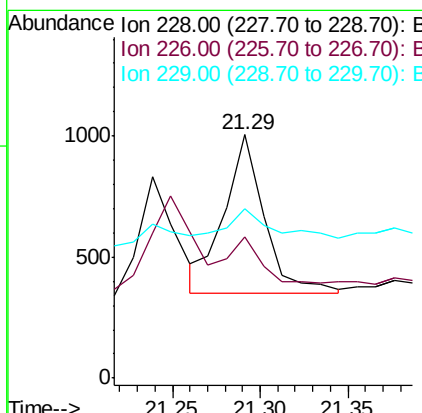
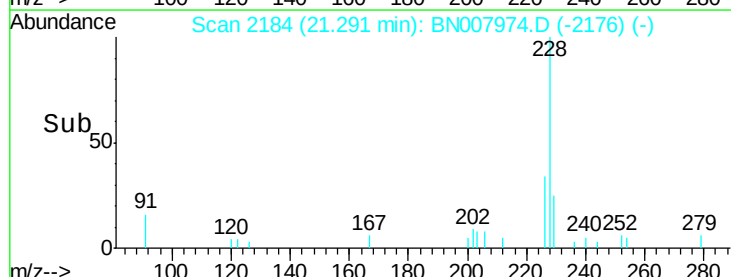
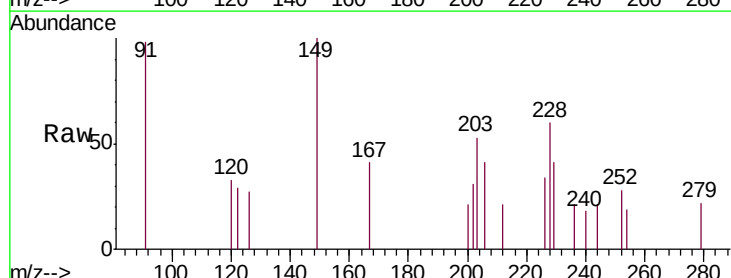
RT: 21.29 min Scan# 2184

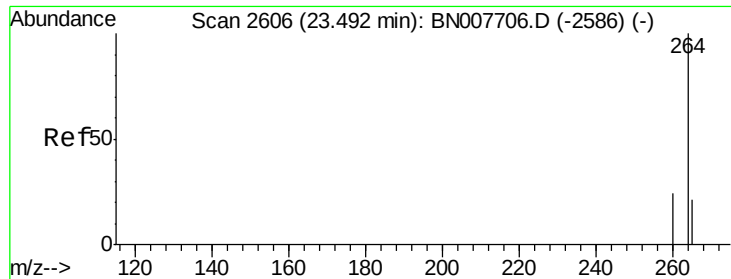
Delta R.T. -0.01 min

Lab File: BN007974.D

Acq: 02 Oct 2019 20:17

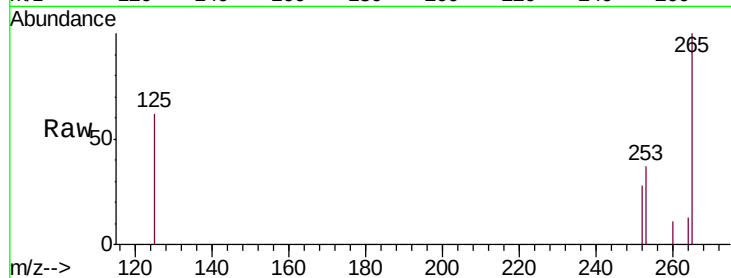
Tgt Ion:	228	Resp:	1038
Ion Ratio	Lower	Upper	
228	100		
226	57.9	23.9	35.9#
229	69.4	15.8	23.6#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.38 min Scan# 2574
Delta R.T. -0.11 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :
PB123460BL



Tgt	Ion	Ratio	Lower	Upper
264	100			
260	87.8	19.3	28.9#	
265	790.5	26.9	40.3#	

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