

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009794.D
 Acq On : 21 Feb 2020 00:23
 Operator : CG/JU
 Sample : L1564-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200217

Manual Integrations
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mohammad
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Quant Time: Feb 21 10:33:43 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	7.41	152	1324	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	4321	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	2643	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	5272	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	5703	0.40	ng	-0.01
34) Perylene-d12	23.13	264	5671	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	532	0.18	ng	-0.02
5) Phenol-d6	6.64	99	361	0.10	ng	0.00
8) Nitrobenzene-d5	8.58	82	1704	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2487	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.56	330	423	0.42	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	5414	0.54	ng	-0.02
25) Fluoranthene-d10	18.85	212	6117	0.34	ng	-0.01
29) Terphenyl-d14	19.46	244	10206	0.75	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.09	88	147	0.108	ng	Qvalue # 28
23) Phenanthrene	16.85	178	564m	0.036	ng	
24) Anthracene	16.95	178	291	0.022	ng	98
26) Fluoranthene	18.88	202	477	0.025	ng	# 98
28) Pyrene	19.25	202	440	0.020	ng	98
30) Benzo(a)anthracene	21.02	228	415	0.022	ng	# 68
31) Chrysene	21.06	228	738	0.034	ng	# 82
32) Bis(2-ethylhexyl)phthalate	20.95	149	1007	0.109	ng	# 96

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

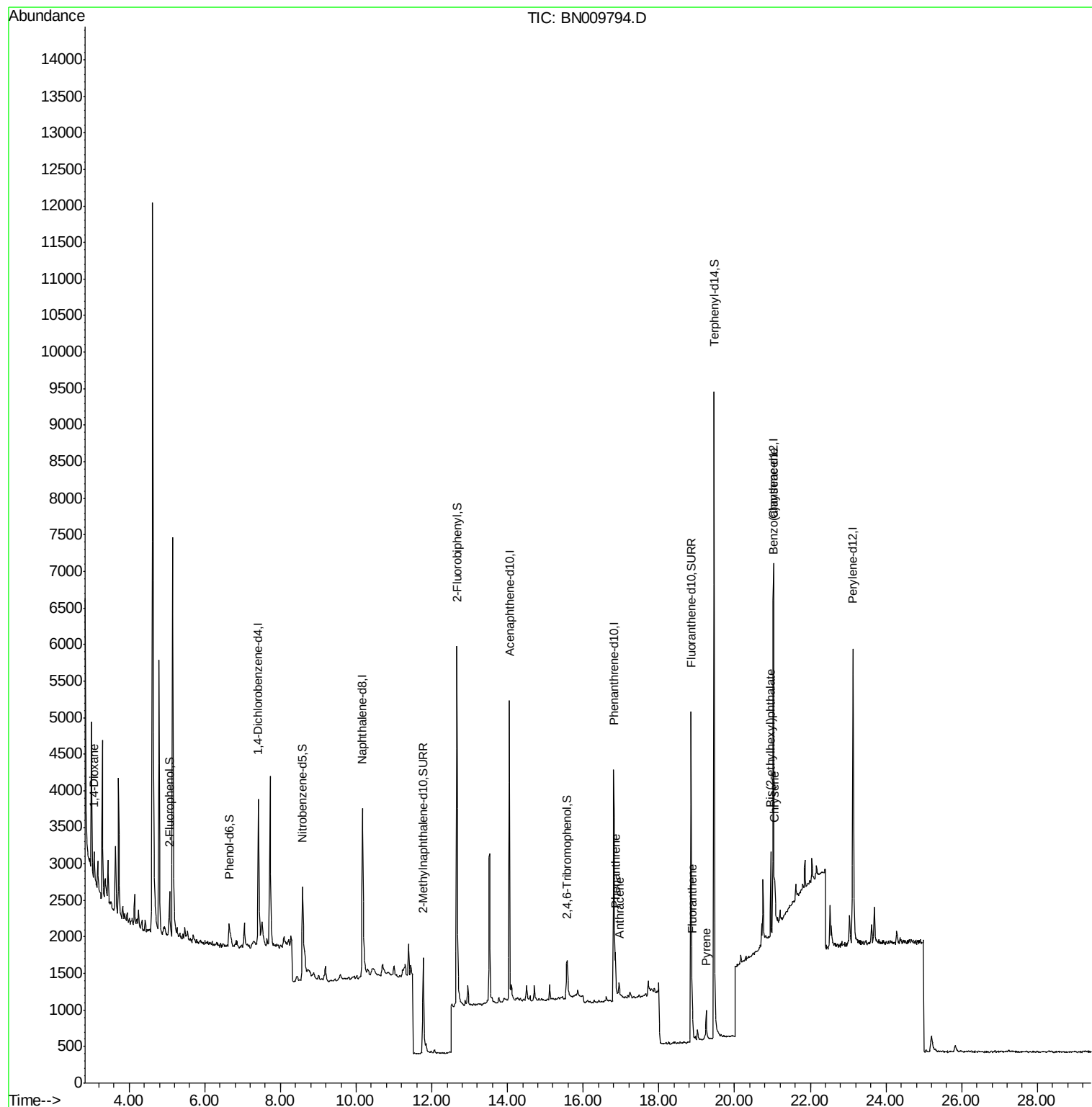
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009794.D
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Operator : CG/JU
Sample : L1564-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

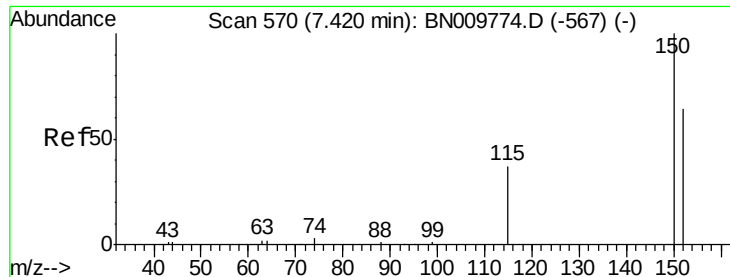
Instrument :
BNA_N
ClientSampleId :
KY038PS027-200217

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#1

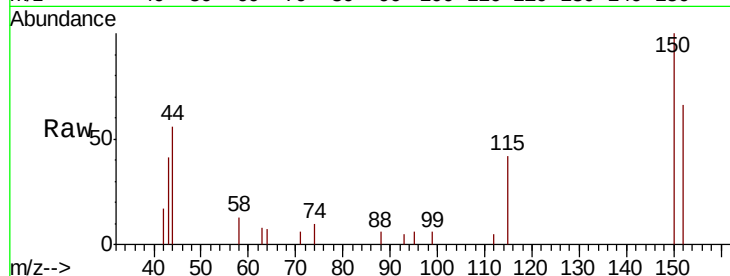
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200217

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	120.6	181.0
115	64.8	51.2	76.8

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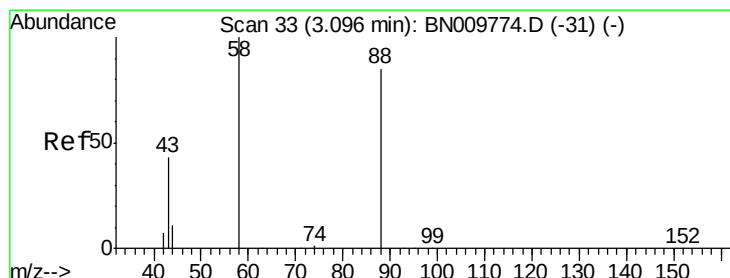
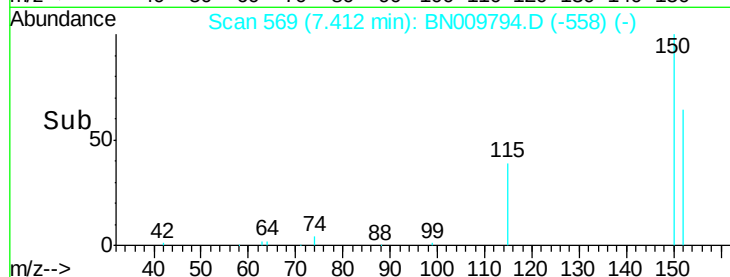
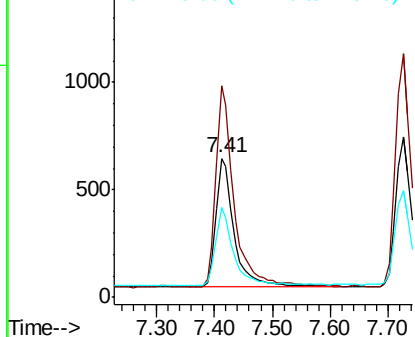


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

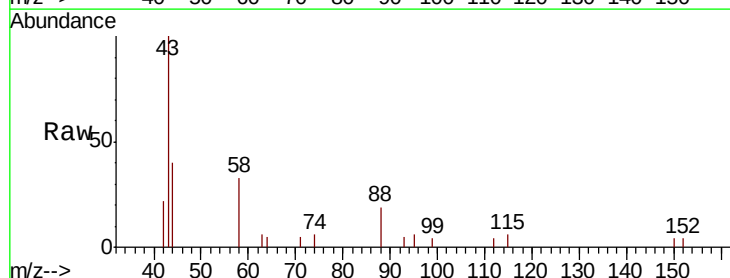
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.108 ng
RT: 3.09 min Scan# 32
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	119.0	97.8	146.8
43	219.7	45.1	67.7#

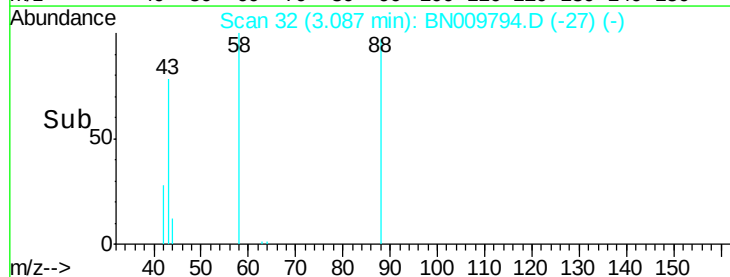
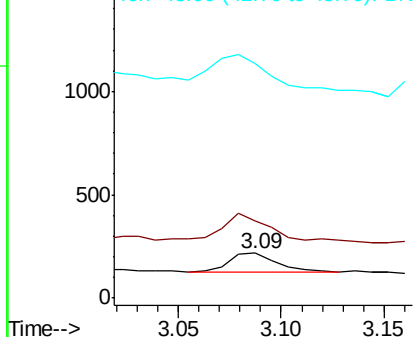


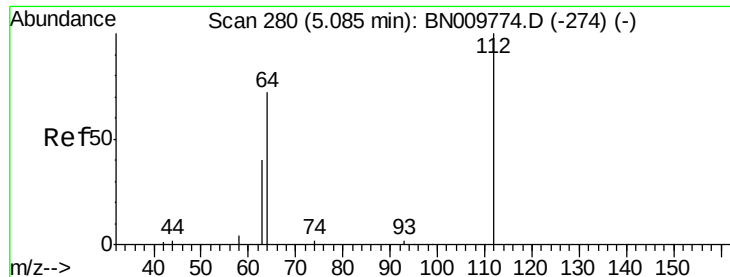
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009794.D

Acq: 21 Feb 2020 00:23

Instrument :

BNA_N

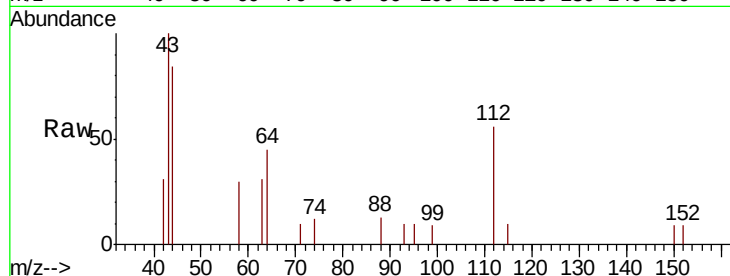
ClientSampleId :

KY038PS027-200217

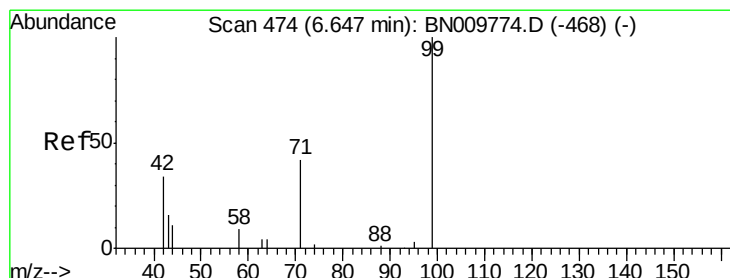
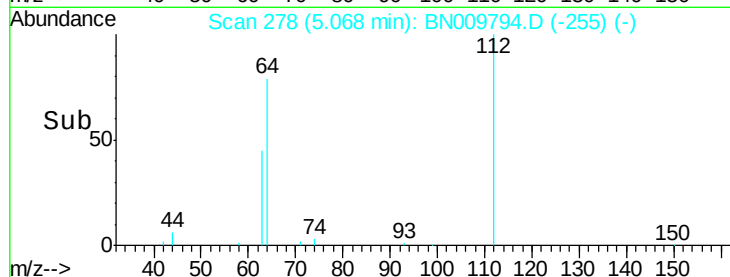
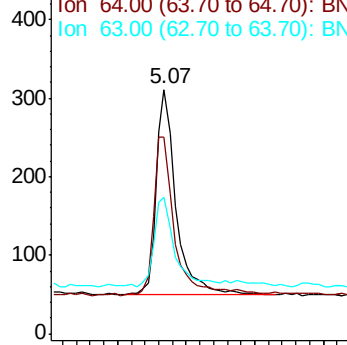
Tot Ion:	112	Resp:	532
Ion Ratio	Lower	Upper	
112	100		
64	84.0	65.8	98.6
63	43.6	38.7	58.1

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Abundance Ion 112.00 (111.70 to 112.70): BNC



#5

Phenol-d6

Concen: 0.101 ng

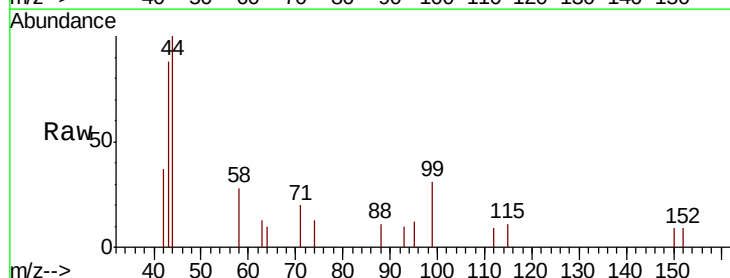
RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

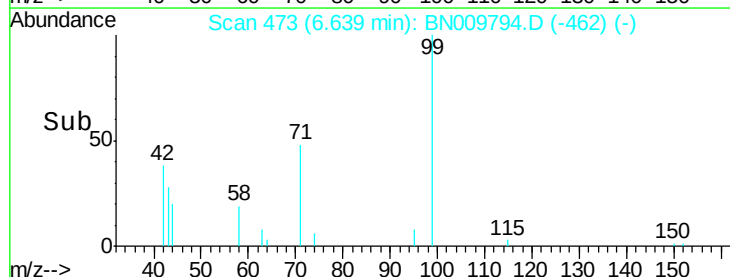
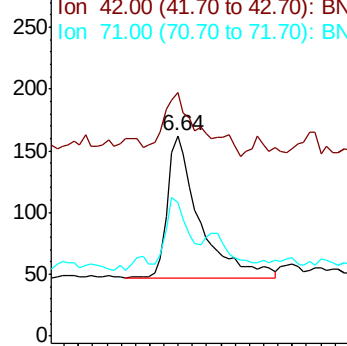
Lab File: BN009794.D

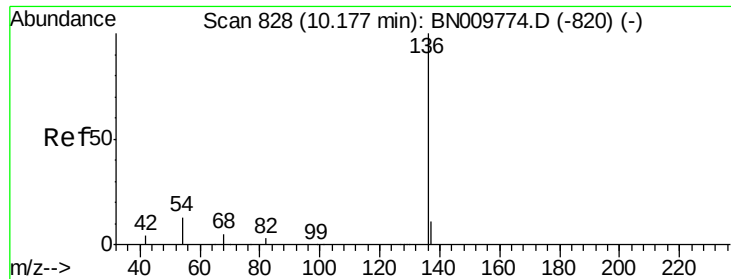
Acq: 21 Feb 2020 00:23

Tgt Ion:	99	Resp:	361
Ion Ratio	Lower	Upper	
99	100		
42	51.8	30.8	46.2#
71	35.2	34.9	52.3



Abundance Ion 99.00 (98.70 to 99.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009794.D

Acq: 21 Feb 2020 00:23

Instrument :

BNA_N

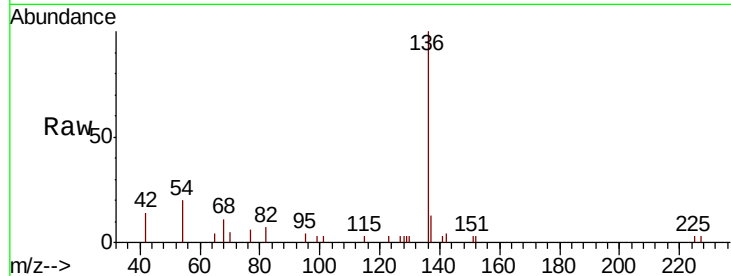
ClientSampleId :

KY038PS027-200217

Tot Ion	136	Resp	4321
Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.3	16.9
54	19.8	13.4	20.2
68	10.6	7.0	10.4

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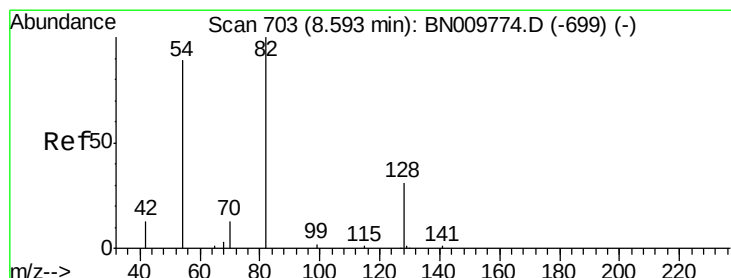
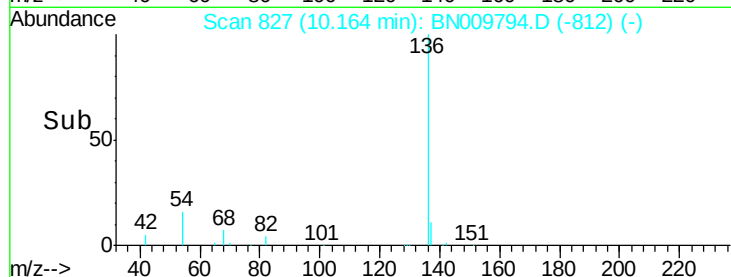
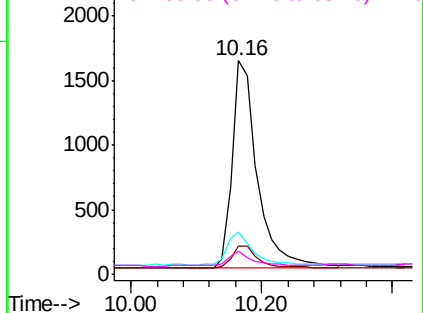
Abundance

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: 0.474 ng

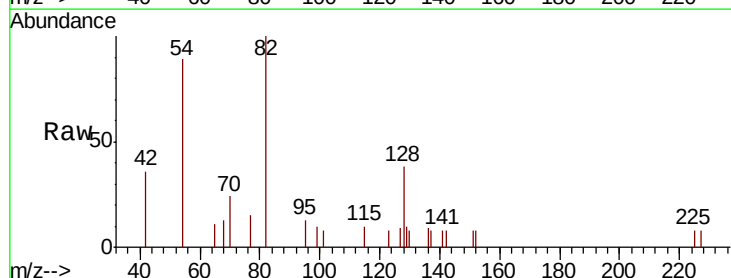
RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN009794.D

Acq: 21 Feb 2020 00:23

Tgt Ion	82	Resp	1704
Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.5	48.7
54	89.3	73.5	110.3

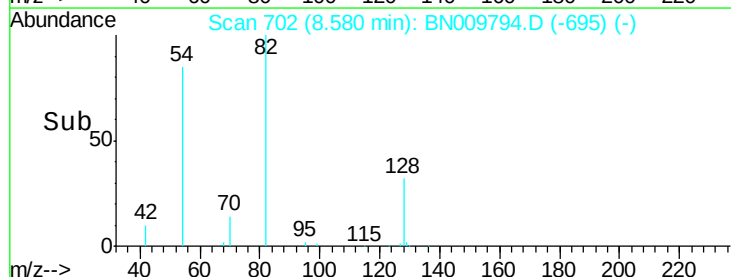
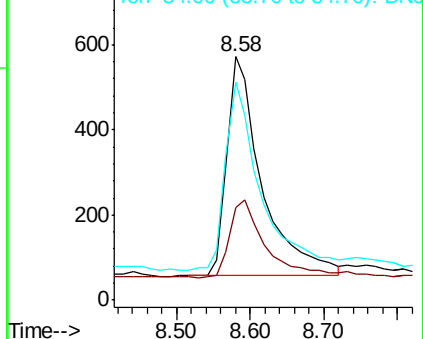


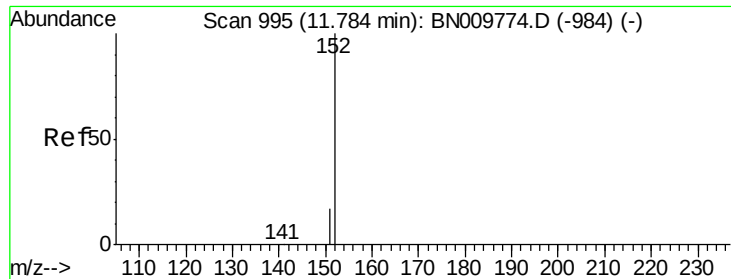
Abundance

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





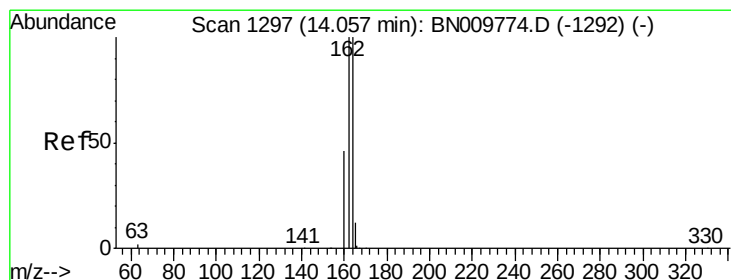
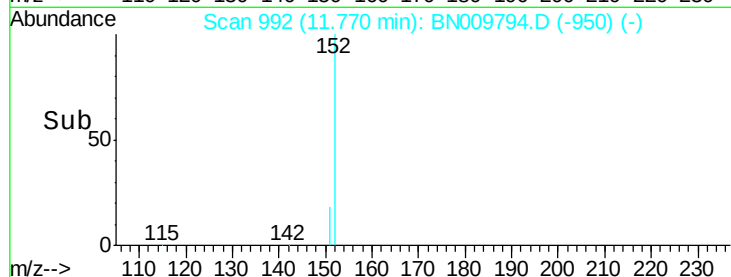
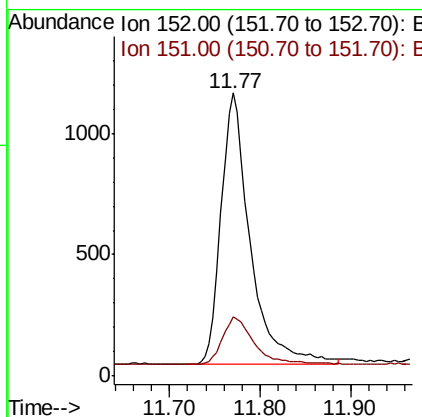
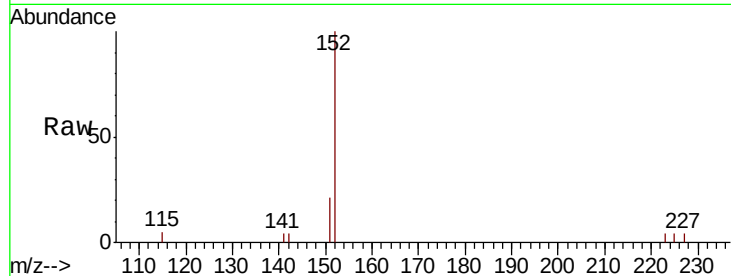
#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200217

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

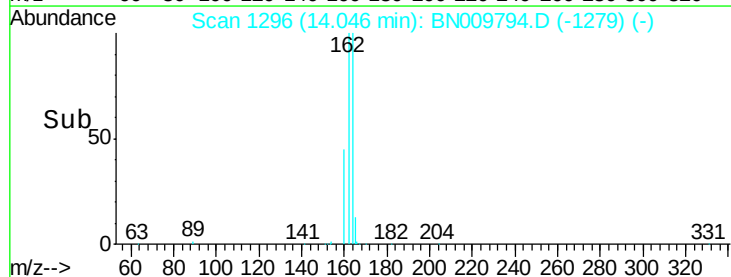
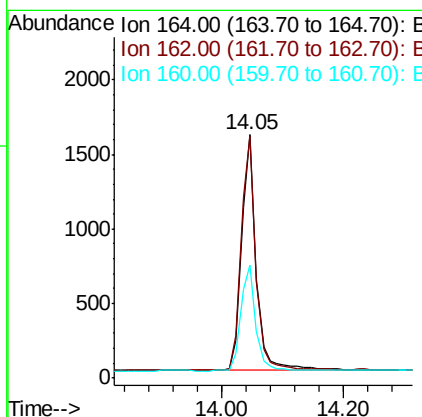
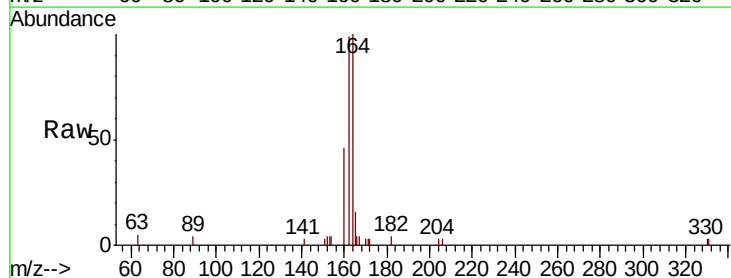
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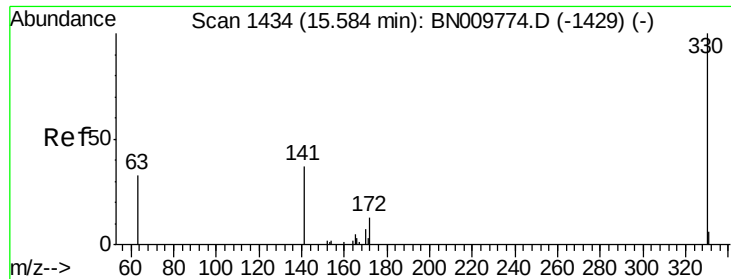
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	46.5	38.2	57.2





#14

2,4,6-Tribromophenol

Concen: 0.415 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009794.D

Acq: 21 Feb 2020 00:23

Instrument :

BNA_N

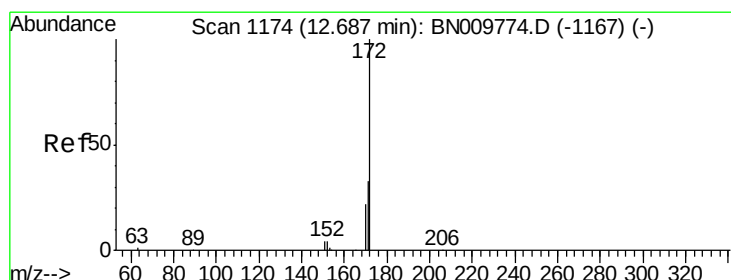
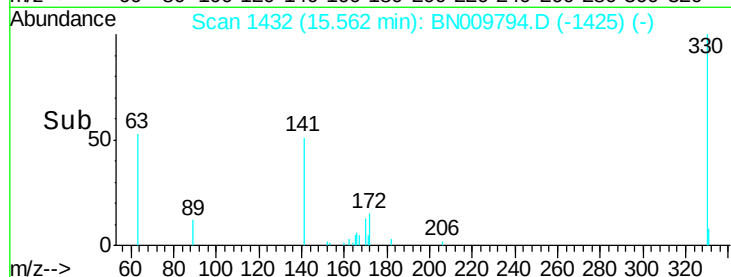
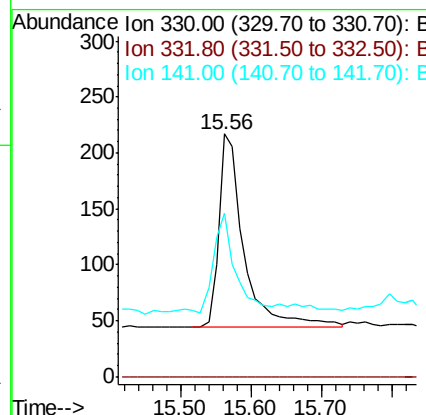
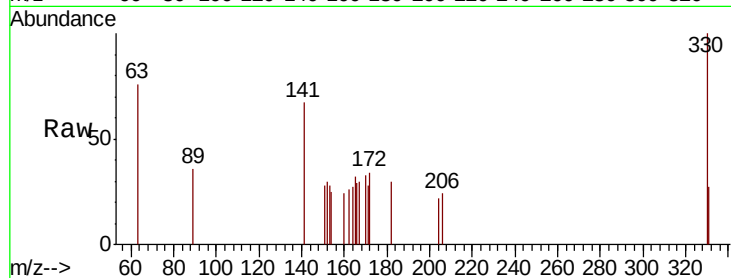
ClientSampleId :

KY038PS027-200217

Tot Ion:	330	Resp:	423
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	42.6	36.8	55.2

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#15

2-Fluorobiphenyl

Concen: 0.543 ng

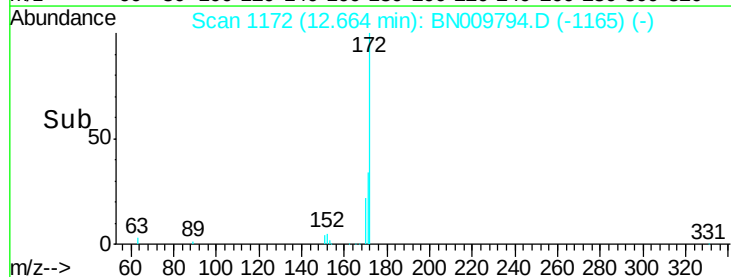
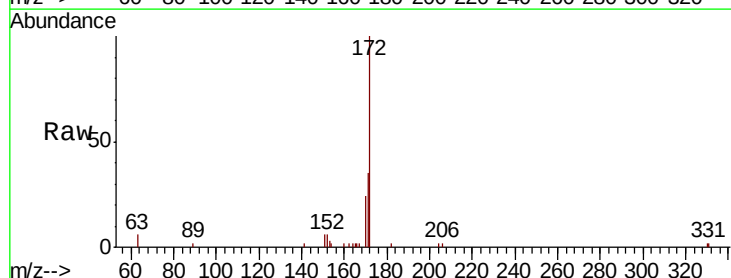
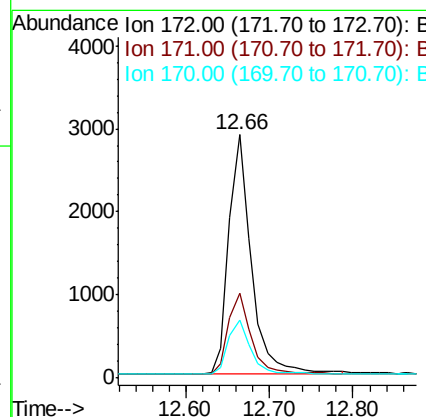
RT: 12.66 min Scan# 1172

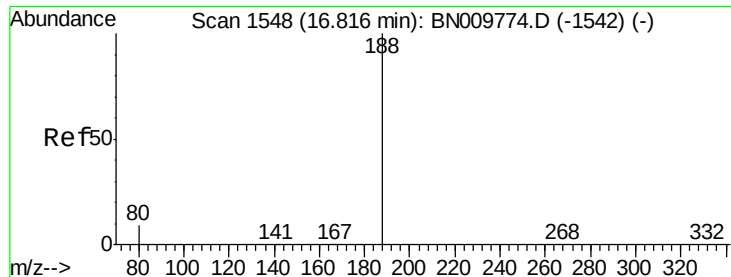
Delta R.T. -0.02 min

Lab File: BN009794.D

Acq: 21 Feb 2020 00:23

Tgt Ion:	172	Resp:	5414
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.7	43.1
170	23.6	20.1	30.1





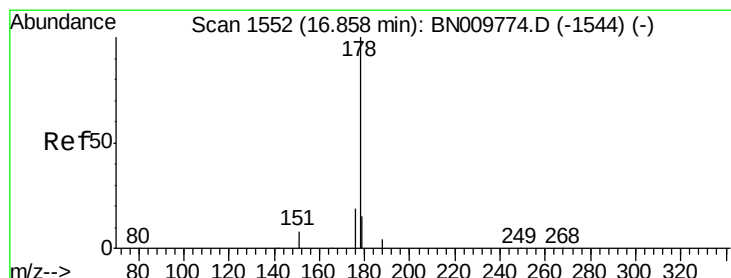
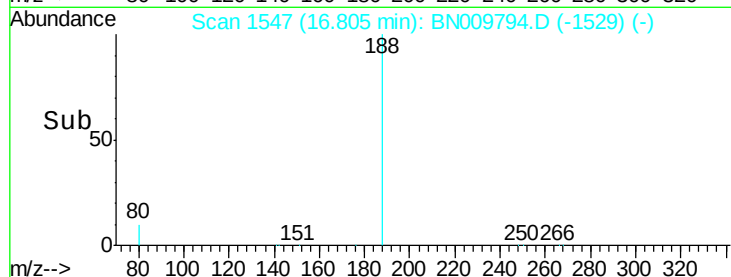
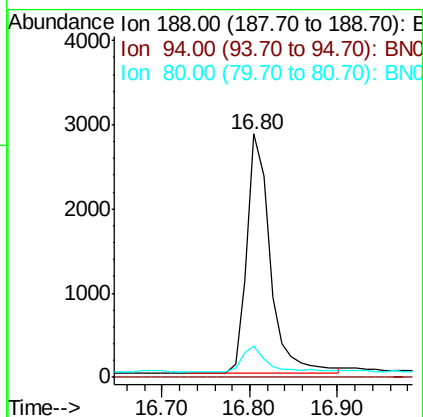
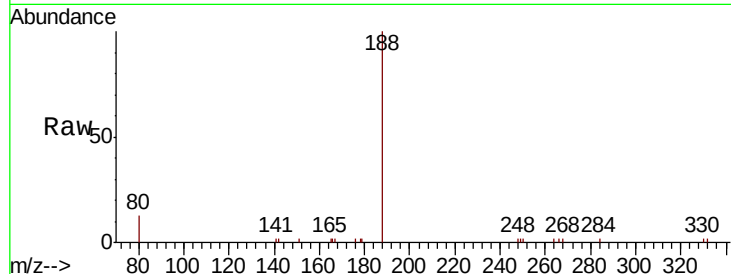
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200217

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	12.8	8.3	12.5

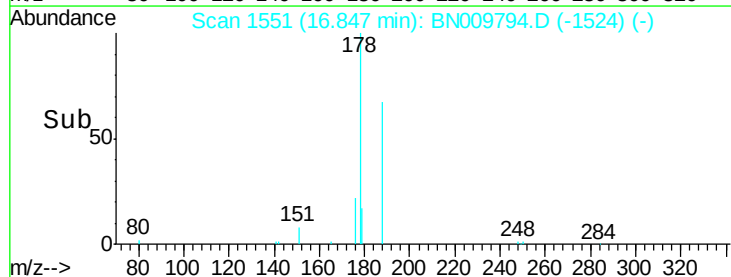
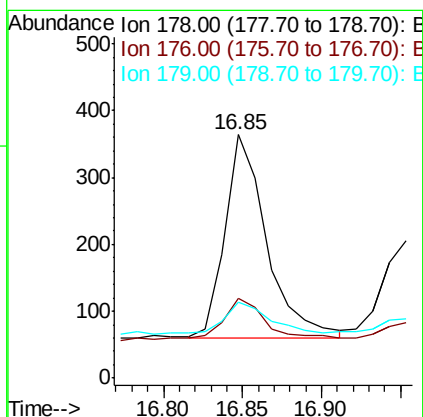
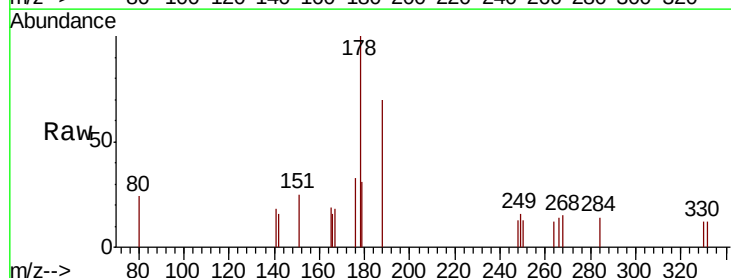
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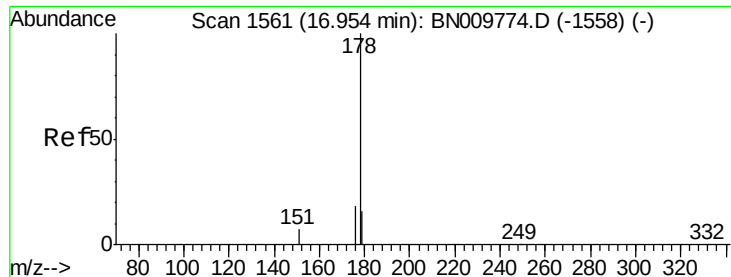
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#23
Phenanthrene
Concen: 0.036 ng m
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	9.4	15.3	22.9
179	7.3	12.4	18.6





#24

Anthracene

Concen: 0.022 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN009794.D

Acq: 21 Feb 2020 00:23

Instrument :

BNA_N

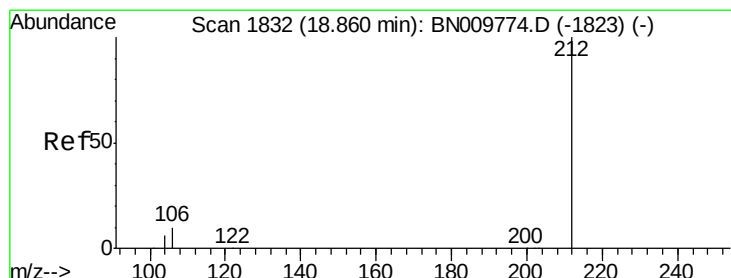
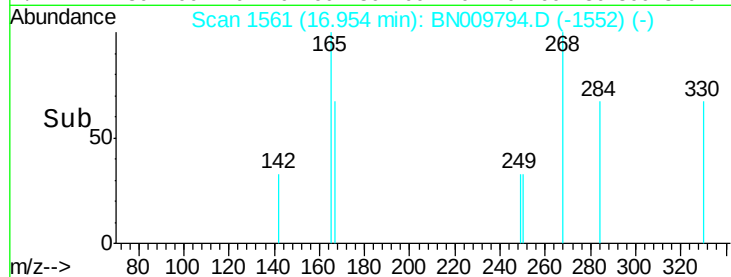
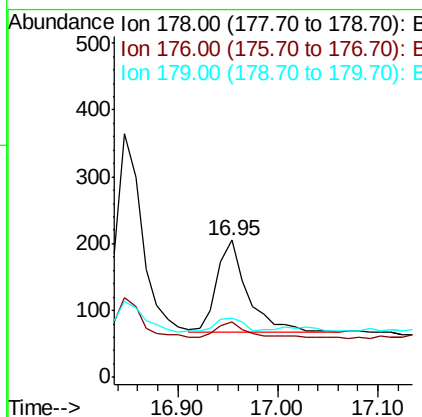
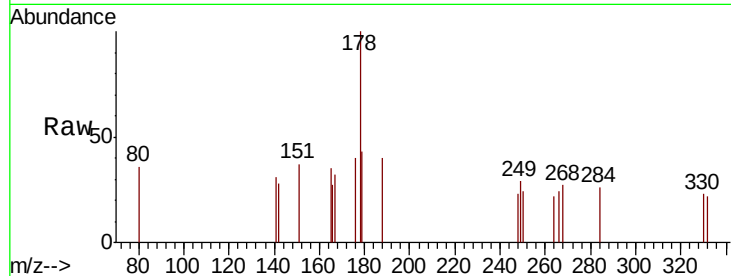
ClientSampleId :

KY038PS027-200217

Tot Ion:178	Resp:	291
Ion Ratio	Lower	Upper
178	100	
176	16.8	14.3 21.5
179	14.4	12.4 18.6

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#25

Fluoranthene-d10

Concen: 0.335 ng

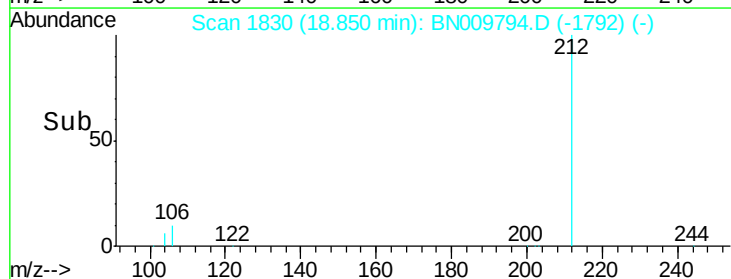
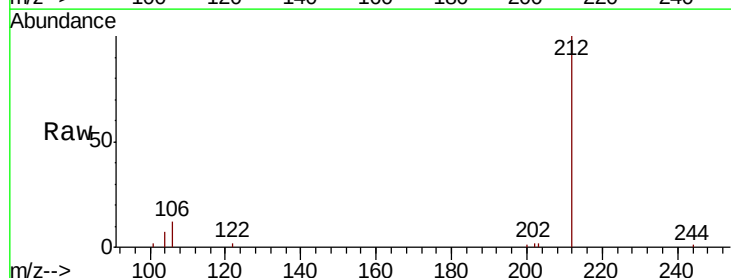
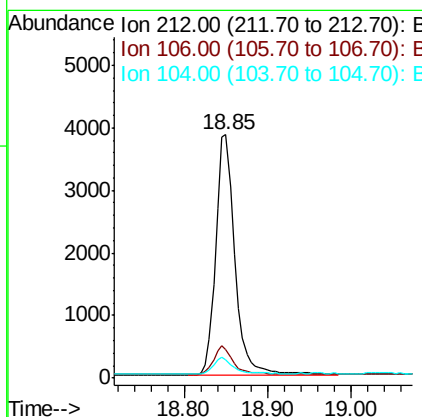
RT: 18.85 min Scan# 1830

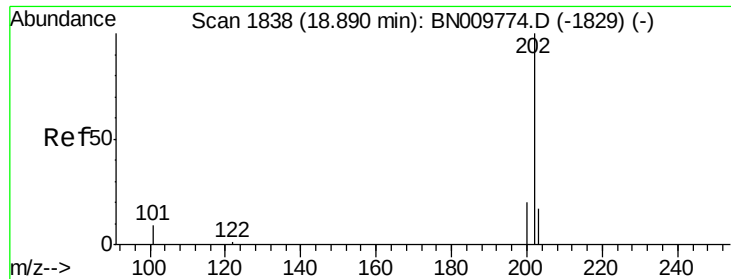
Delta R.T. -0.01 min

Lab File: BN009794.D

Acq: 21 Feb 2020 00:23

Tgt Ion:212	Resp:	6117
Ion Ratio	Lower	Upper
212	100	
106	11.2	8.4 12.6
104	6.5	4.8 7.2





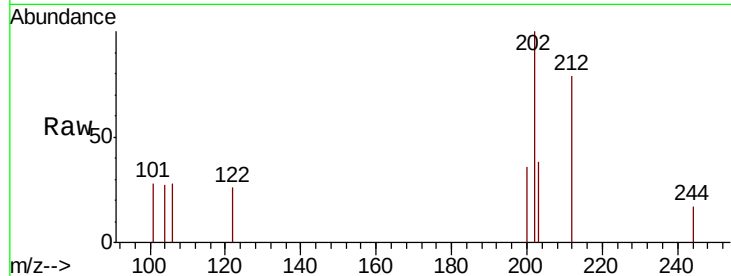
#26
Fluoranthene
Concen: 0.025 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200217

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.1	10.7#
203	17.6	13.8	20.6

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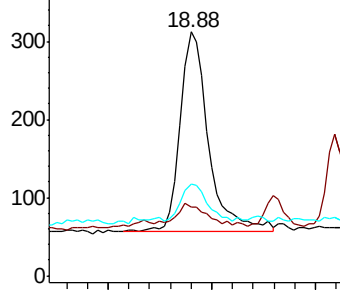


Abundance

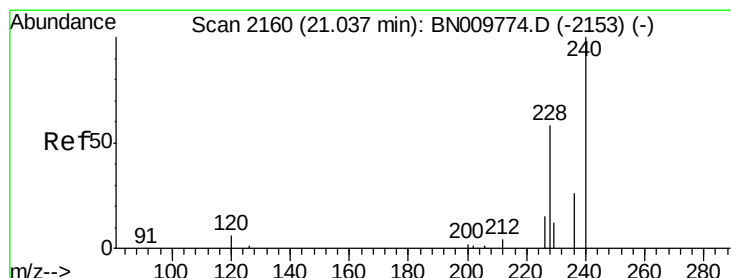
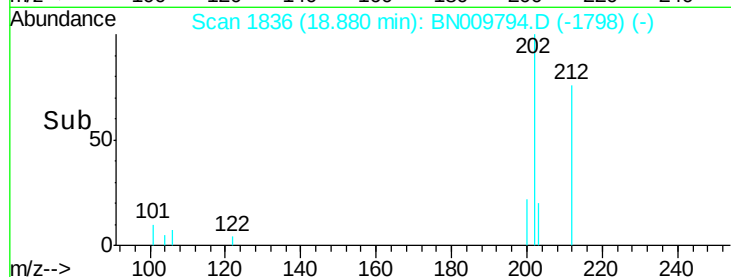
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

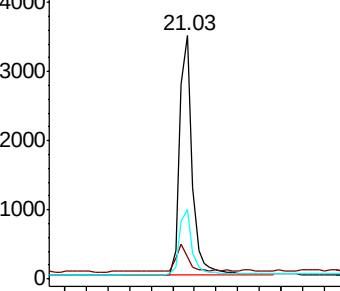
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.9	11.9
236	28.4	22.0	33.0

Abundance

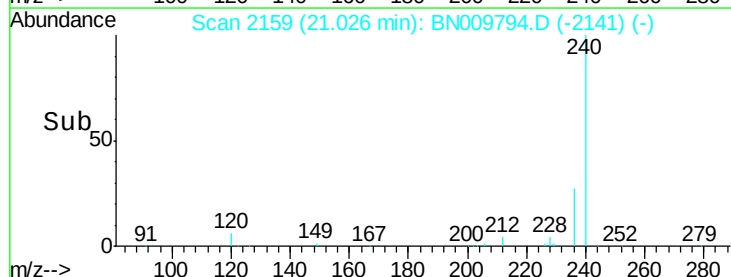
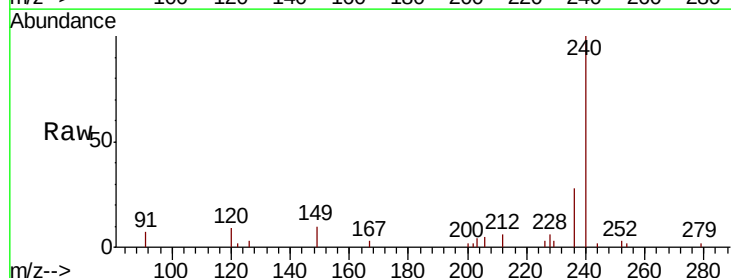
Ion 240.00 (239.70 to 240.70): E

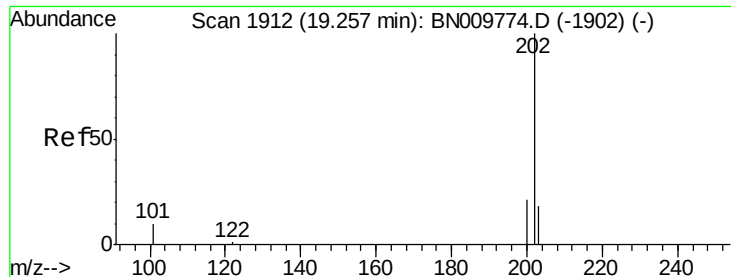
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





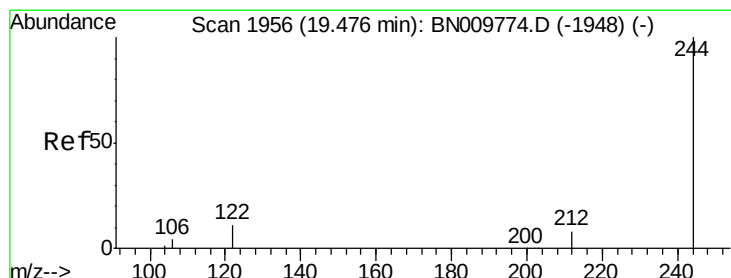
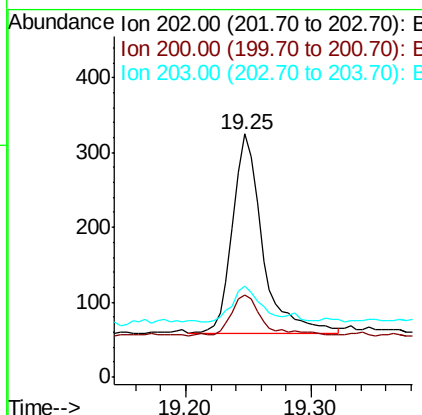
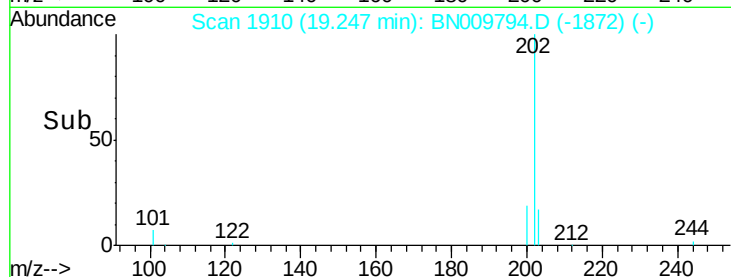
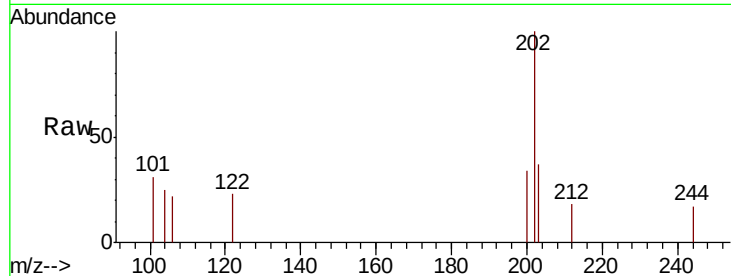
#28
Pvrene
Concen: 0.020 ng
RT: 19.25 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200217

Tot Ion:202	Resp:	440
Ion Ratio	Lower	Upper
202 100		
200 21.8	16.4	24.6
203 17.3	13.9	20.9

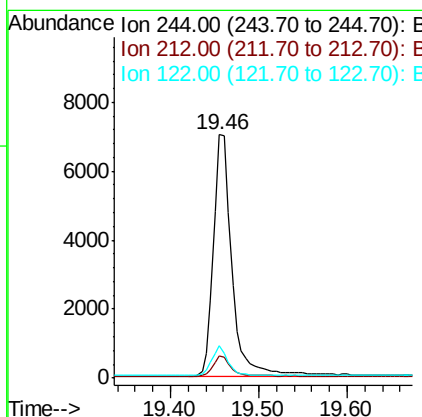
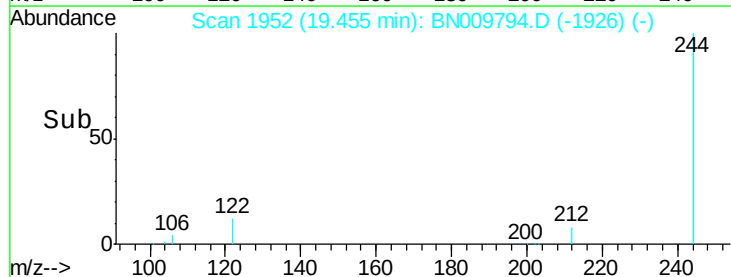
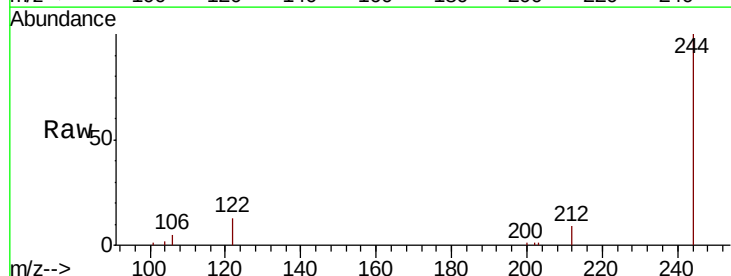
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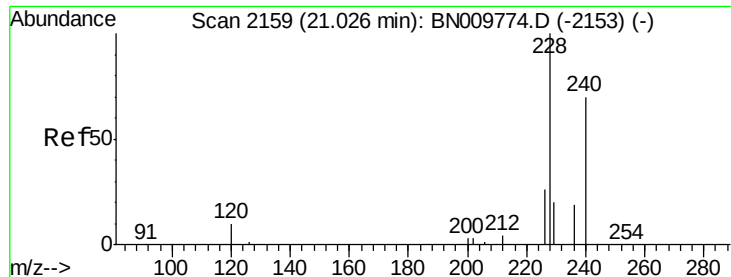
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#29
Terphenyl-d14
Concen: 0.749 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:244	Resp:	10206
Ion Ratio	Lower	Upper
244 100		
212 9.0	8.0	12.0
122 13.1	10.0	15.0





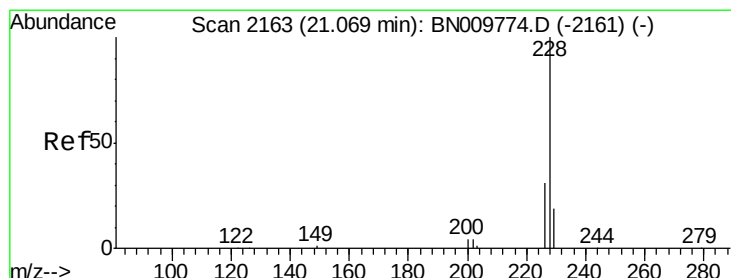
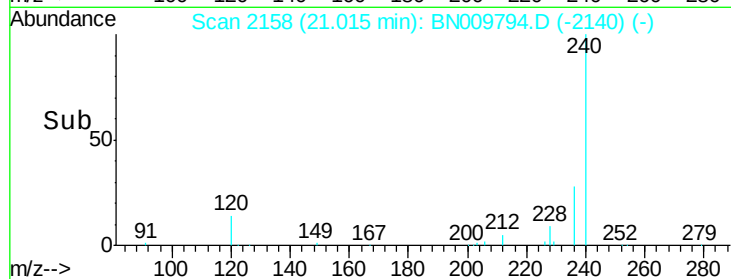
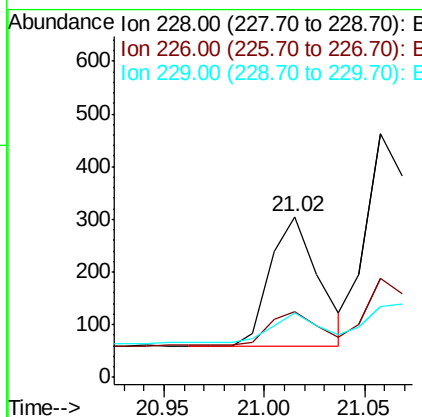
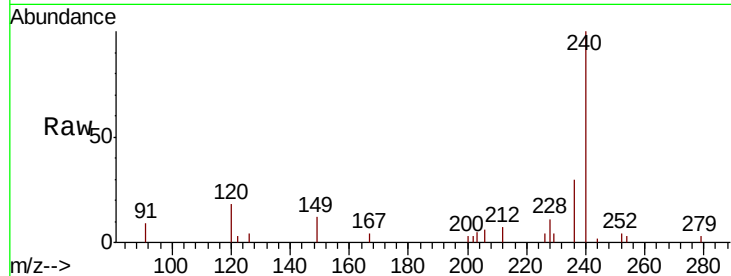
#30
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200217

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.7	21.8	32.8#
229	40.0	17.1	25.7#

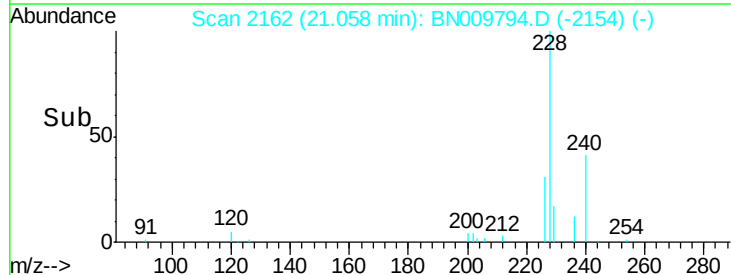
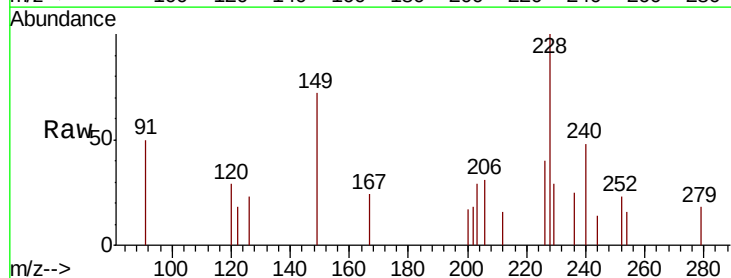
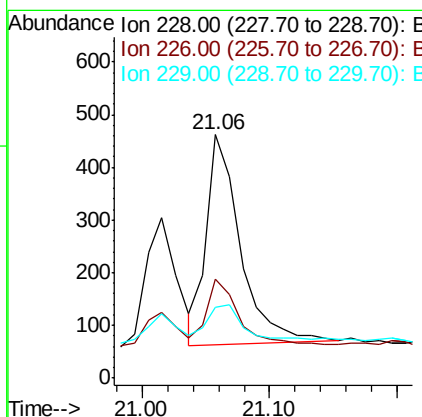
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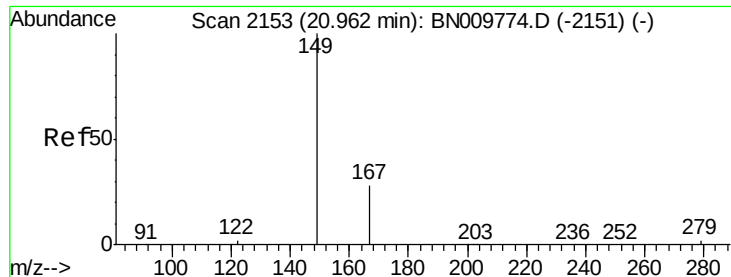
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#31
Chrysene
Concen: 0.034 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.5	24.8	37.2#
229	29.2	16.4	24.6#





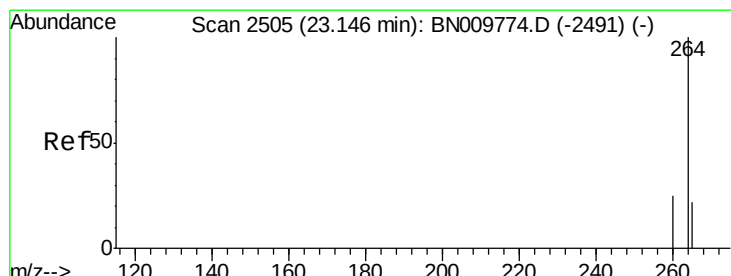
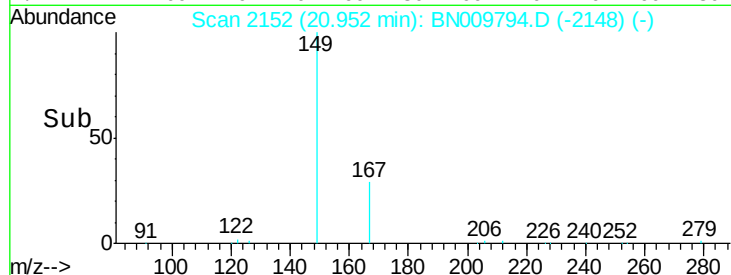
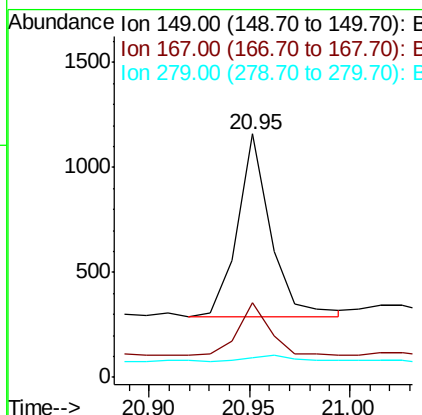
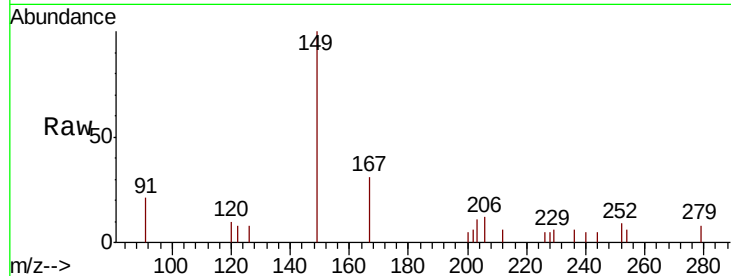
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 20.95 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BN009794.D
 Acq: 21 Feb 2020 00:23

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200217

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.7	34.1
279	5.0	3.1	4.7

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.02 min
 Lab File: BN009794.D
 Acq: 21 Feb 2020 00:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.1	31.7
265	58.8	57.5	86.3

