

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100989.D
 Acq On : 27 Dec 2019 12:31
 Operator : JU
 Sample : K6392-02DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2DL

Manual Integrations
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mohammad
 12/29/2019 5:26:45 PM

Quant Time: Dec 28 00:02:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 17:39:05 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2283	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	11205	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	7884	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	18538	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16109	0.40	ng	0.00
34) Perylene-d12	23.72	264	18700	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	180	0.05	ng	-0.01
5) Phenol-d6	7.00	99	144m	0.22	ng	0.01
8) Nitrobenzene-d5	8.94	82	320	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	12.13	152	1425	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.88	330	101	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	2608	0.09	ng	0.01
25) Fluoranthene-d10	19.14	212	17288	0.08	ng	0.00
29) Terphenyl-d14	19.75	244	3867	0.10	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.31	88	10105	2.062	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.21	149	8374	0.106	ng	# 98

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

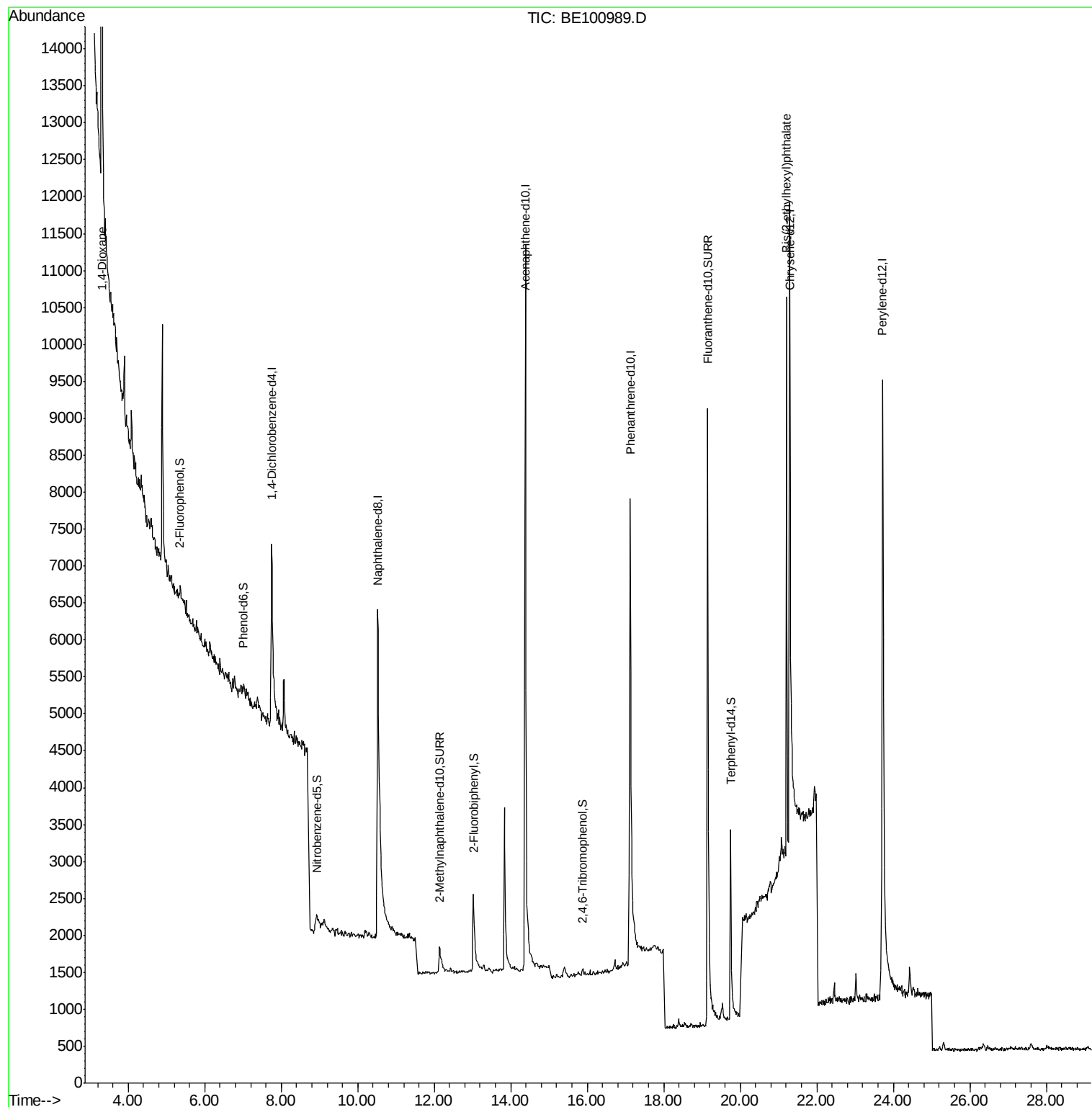
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
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ALS Vial : 4 Sample Multiplier: 1

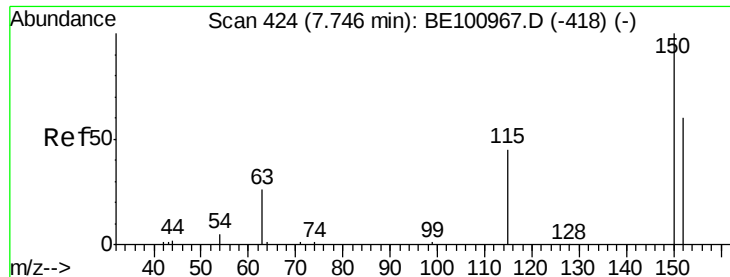
Instrument :
BNA_E
ClientSampled :
MW-2DL

Quant Time: Dec 28 00:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
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#1

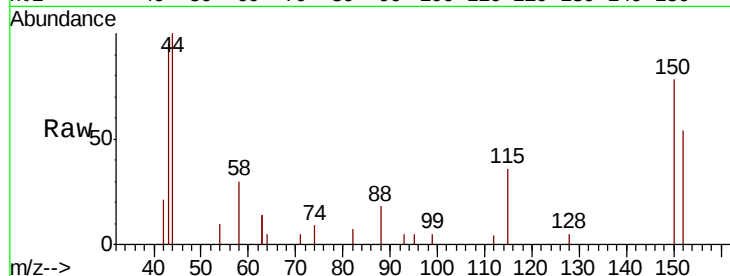
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Instrument :
BNA_E
ClientSampled :
MW-2DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	132.6	199.0
115	66.7	64.1	96.1

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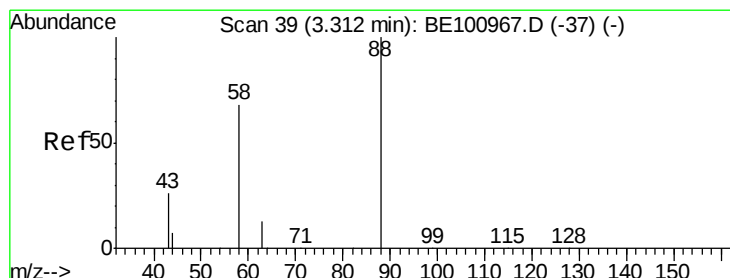
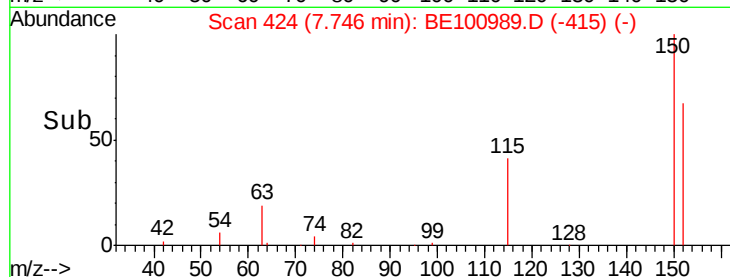
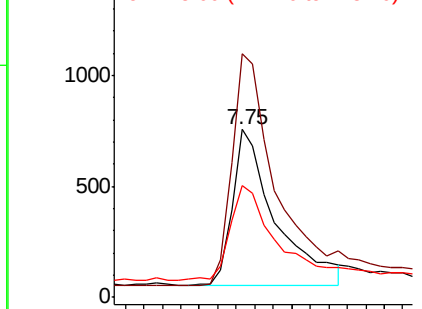


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

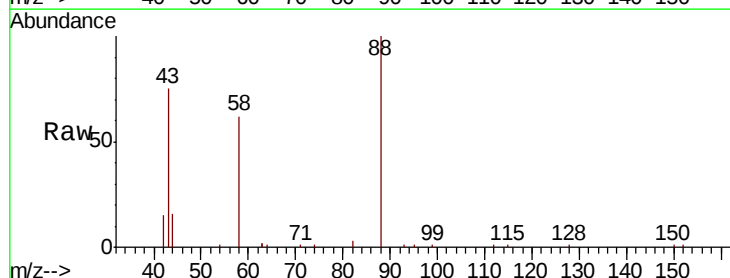
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.062 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	44.2	66.4#
43	37.3	21.0	31.6#

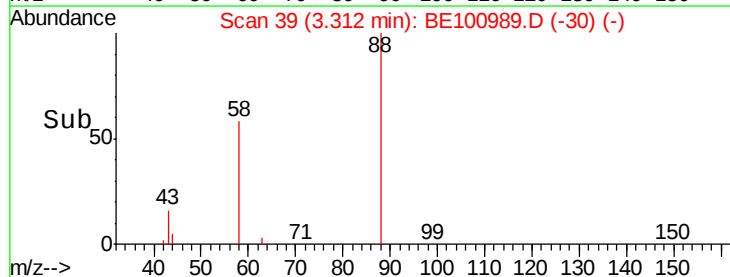
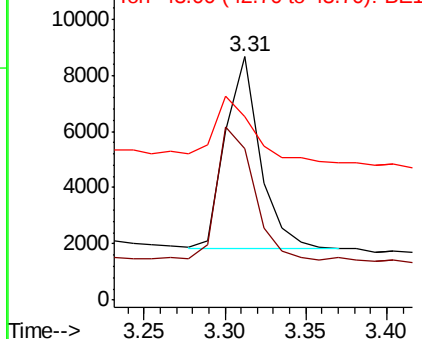


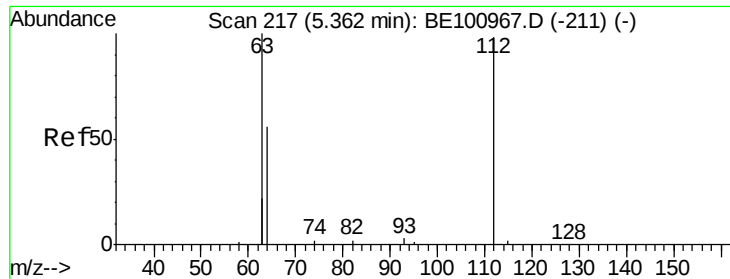
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.047 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

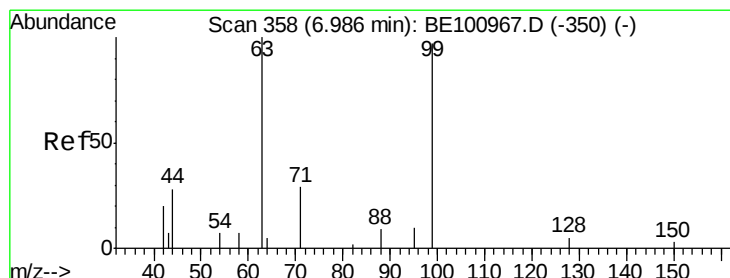
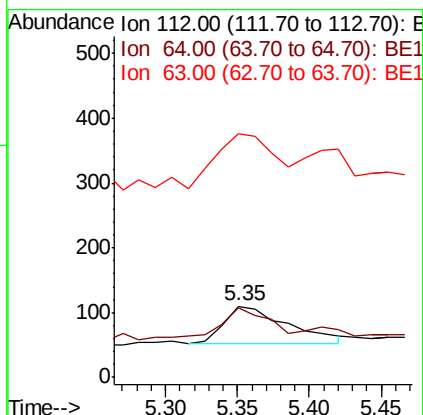
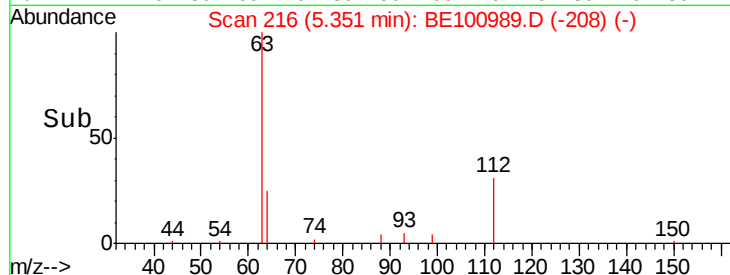
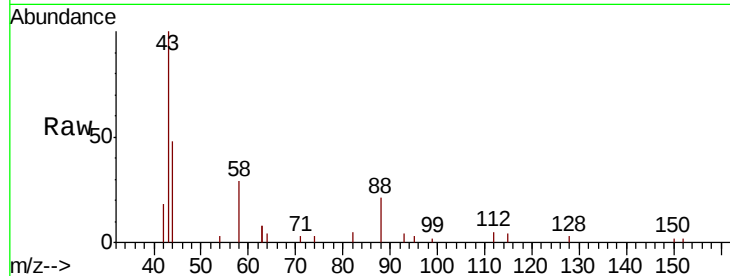
ClientSampleId :

MW-2DL

Tot Ion:	112	Resp:	180
Ion	Ratio	Lower	Upper
112	100		
64	56.7	59.0	88.6#
63	130.6	121.4	182.0

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#5

Phenol-d6

Concen: 0.222 ng m

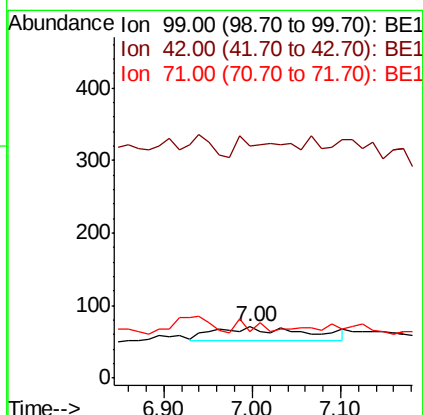
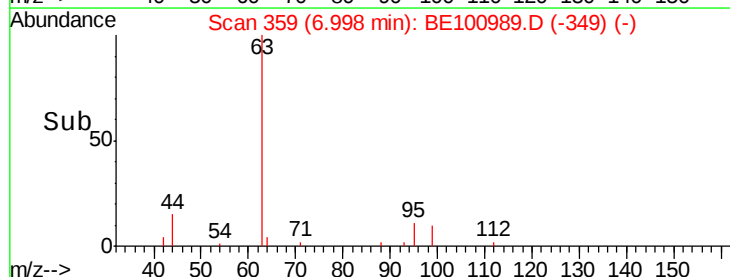
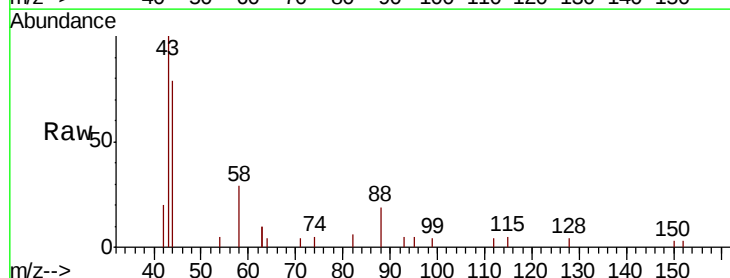
RT: 7.00 min Scan# 359

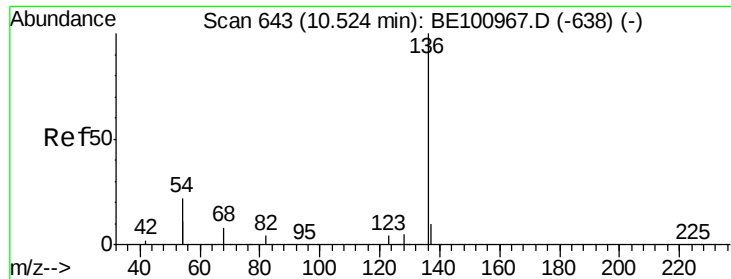
Delta R.T. 0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Tgt Ion:	99	Resp:	144
Ion	Ratio	Lower	Upper
99	100		
42	31.3	0.0	0.0#
71	20.8	0.0	0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

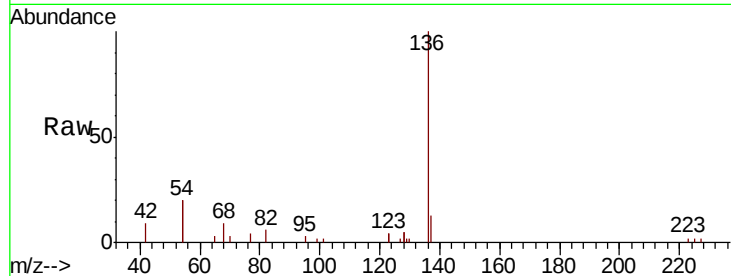
ClientSampleId :

MW-2DL

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.0	13.6
54	40.4	34.4	51.6
68	9.5	7.8	11.6

Manual Integrations
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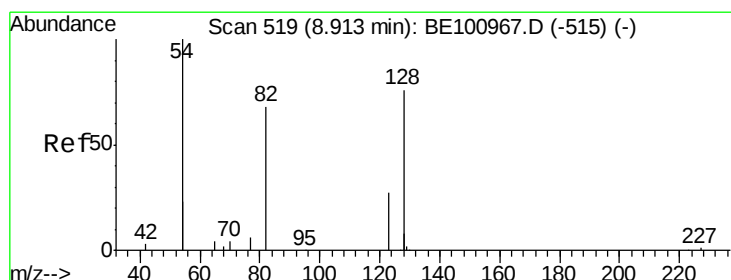
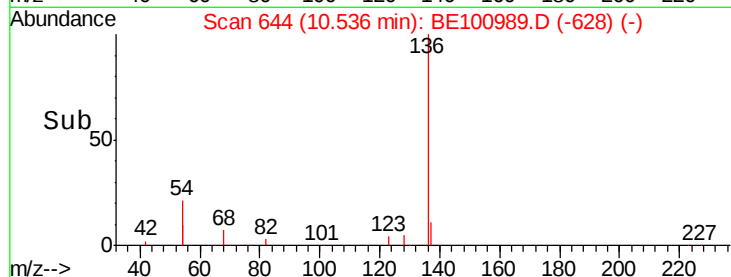
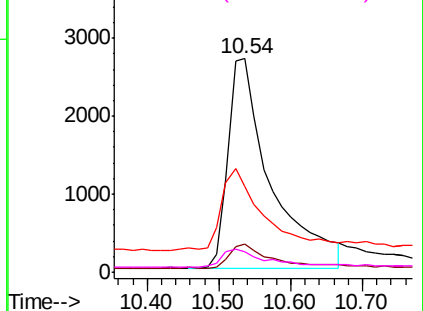
Abundance

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): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.249 ng

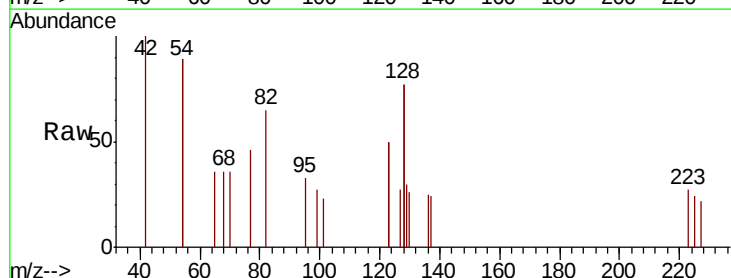
RT: 8.94 min Scan# 521

Delta R.T. 0.03 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	236.9	140.2	210.2#
54	273.8	183.8	275.6

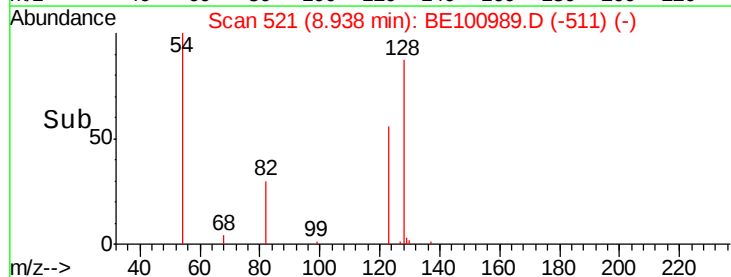
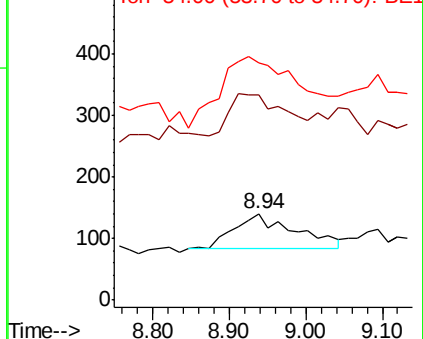


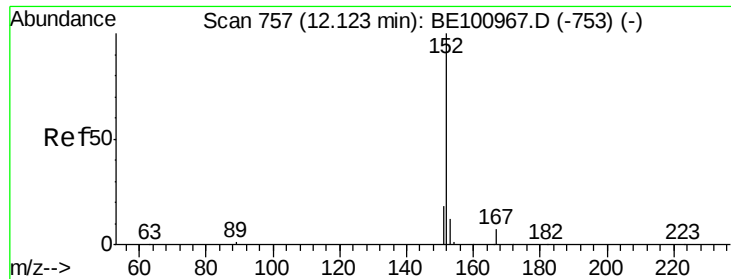
Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





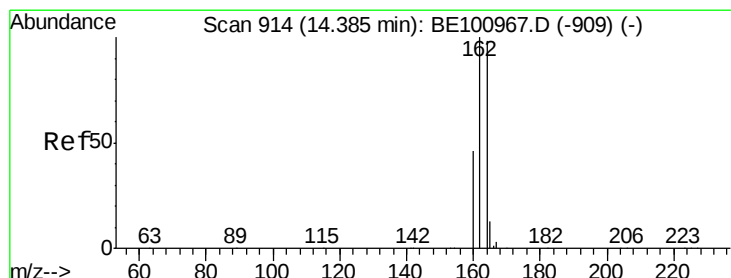
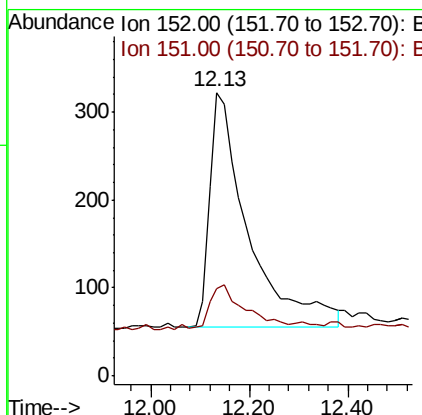
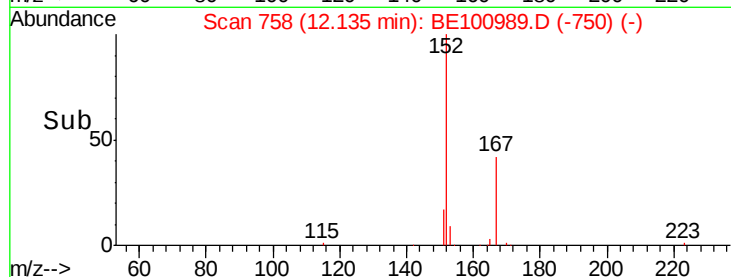
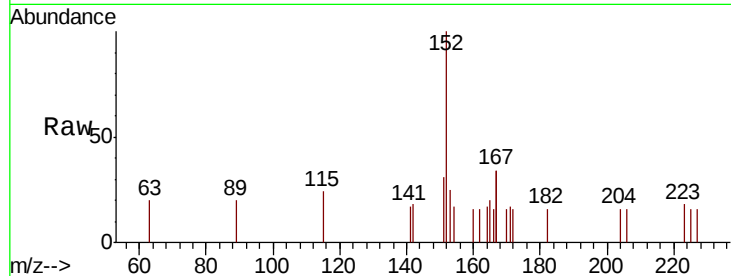
#11
 2-Methylnaphthalene-d10
 Concen: 0.087 ng
 RT: 12.13 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

Instrument :
 BNA_E
 ClientSampleId :
 MW-2DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	16.7	15.1	22.7

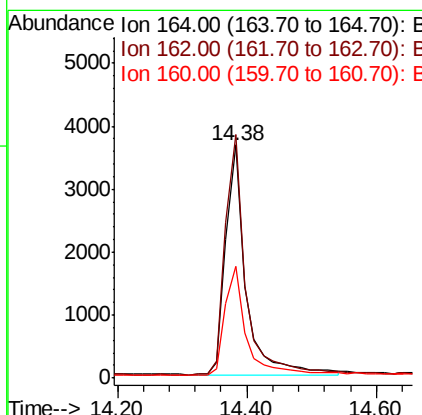
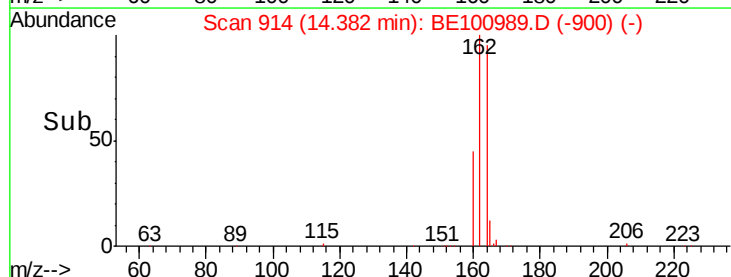
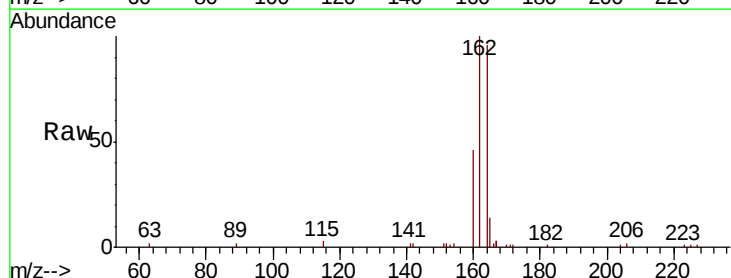
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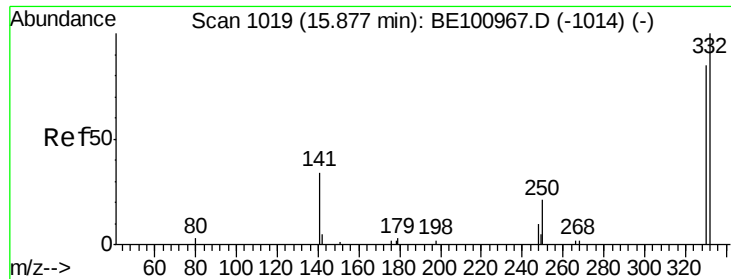
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.6	122.4
160	48.1	37.7	56.5





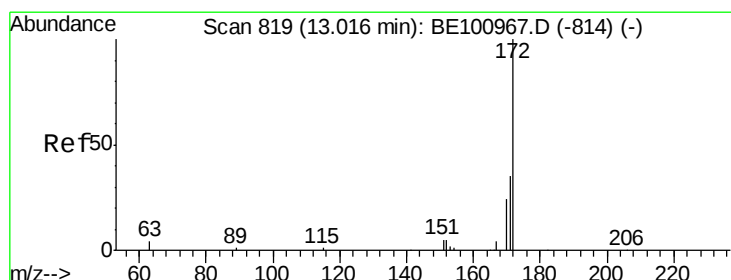
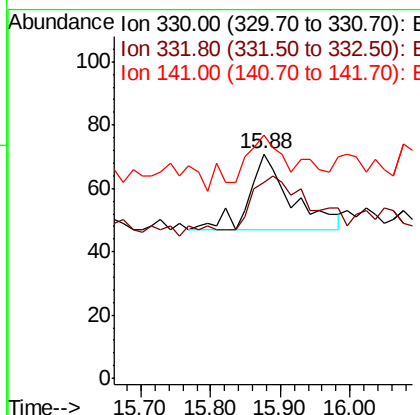
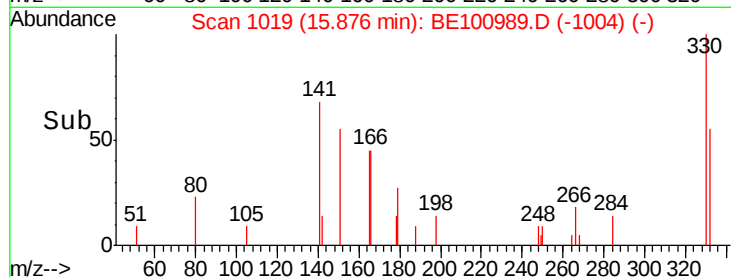
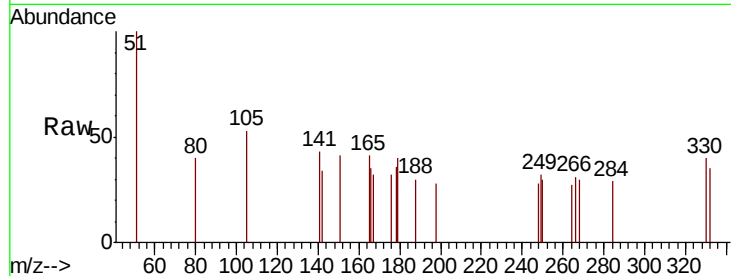
#14
 2,4,6-Tribromophenol
 Concen: 0.268 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

Instrument :
 BNA_E
 ClientSampleId :
 MW-2DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	72.4	108.6
141	47.5	25.4	38.2

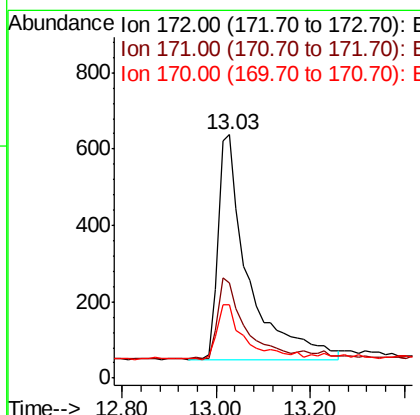
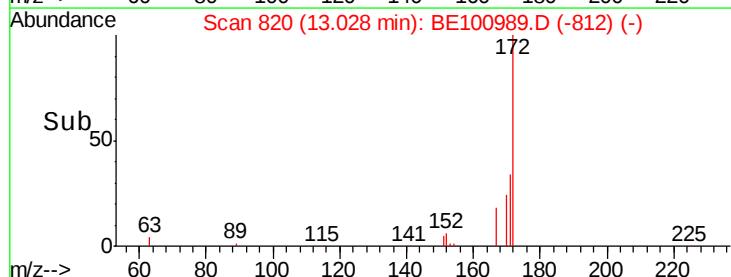
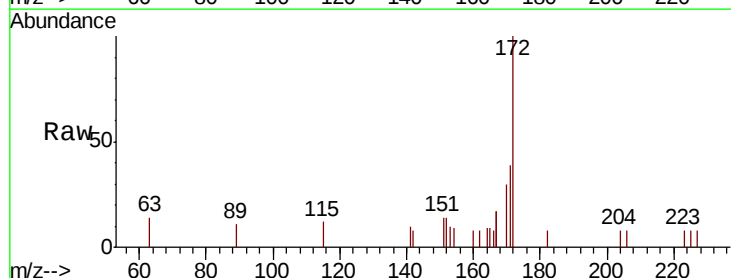
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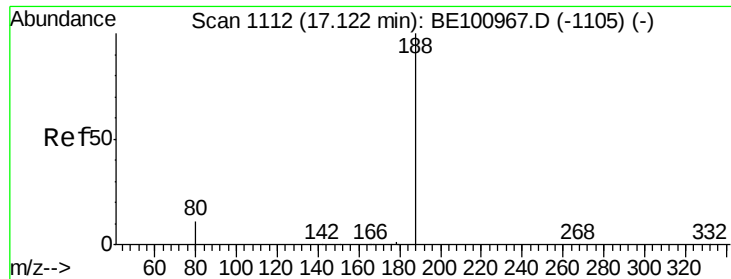
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#15
 2-Fluorobiphenyl
 Concen: 0.093 ng
 RT: 13.03 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.0	43.6
170	30.1	20.0	30.0





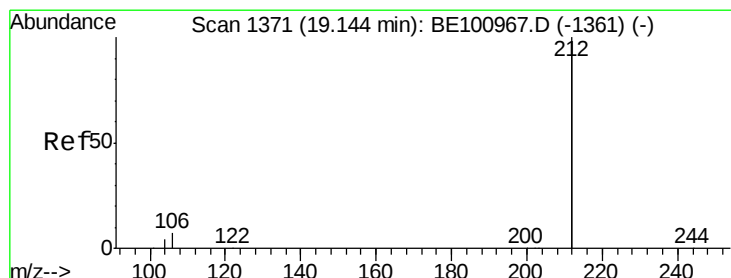
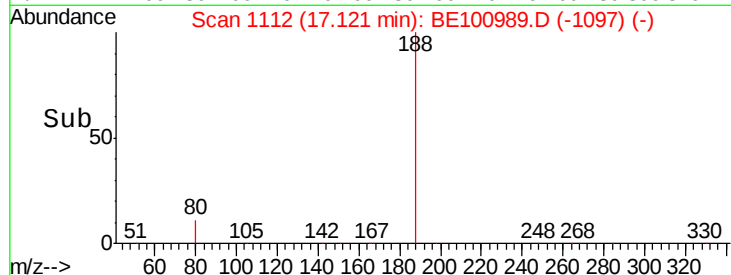
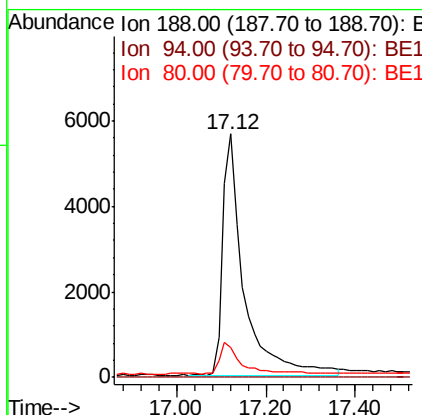
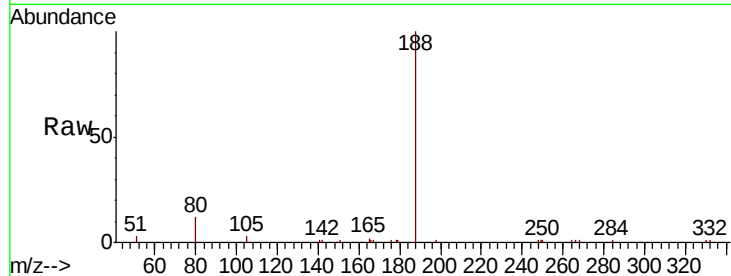
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Instrument :
BNA_E
ClientSampleId :
MW-2DL

Tot Ion:	188	Resp:	18538
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.4	9.7	14.5

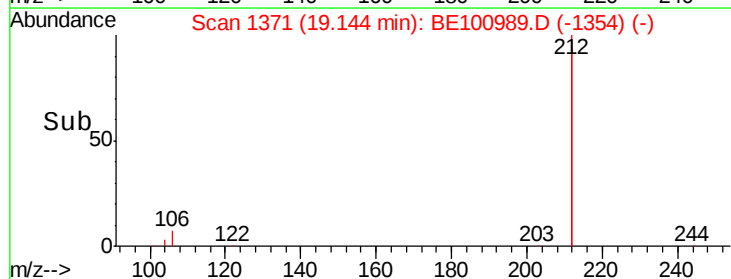
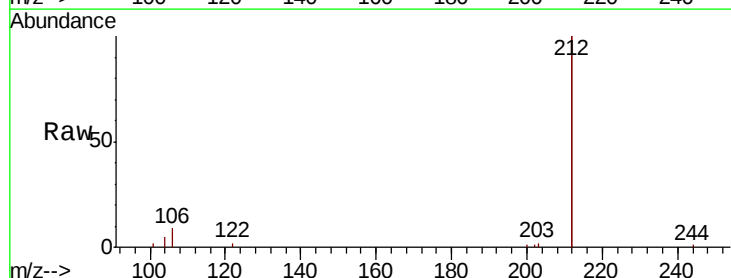
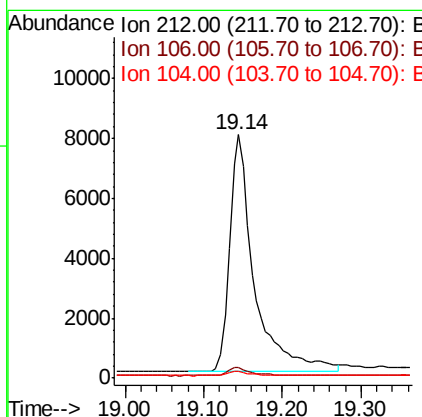
Manual Integrations
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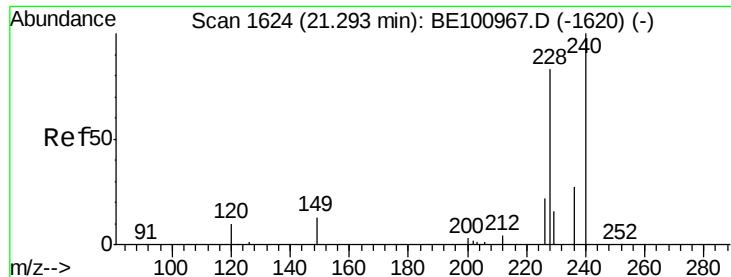
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#25
Fluoranthene-d10
Concen: 0.077 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Tgt Ion:	212	Resp:	17288
Ion Ratio	Lower	Upper	
212	100		
106	3.6	2.4	3.6#
104	2.1	1.4	2.0#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

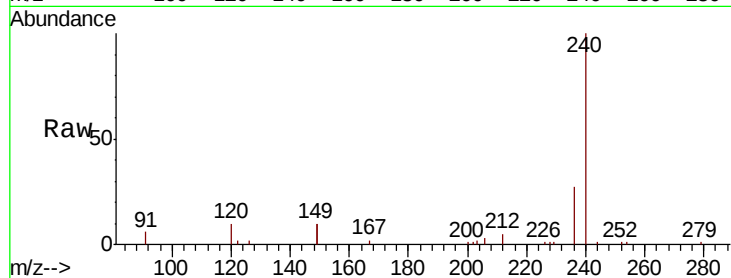
ClientSampleId :

MW-2DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.2	15.4#
236	27.2	22.6	34.0

Manual Integrations
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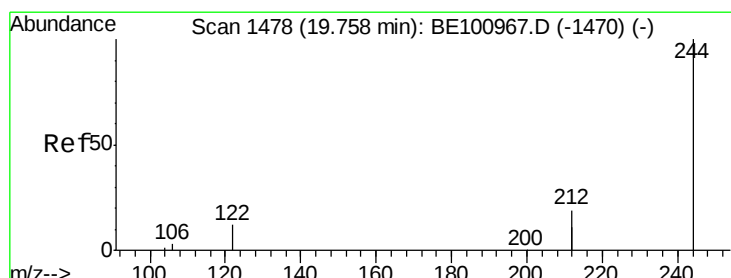
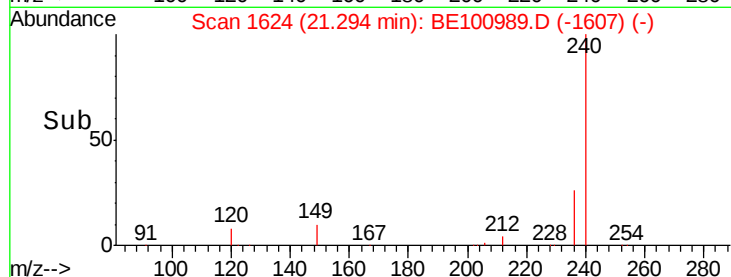
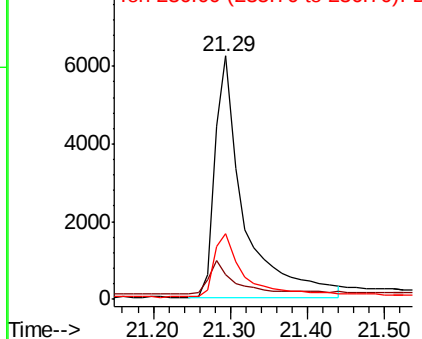


Abundance

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: 0.104 ng

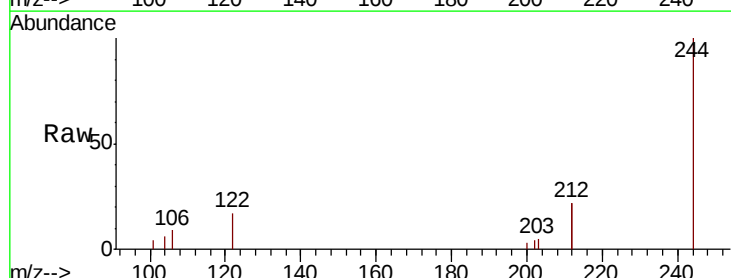
RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	43.8	29.3	43.9
122	17.1	10.2	15.4#

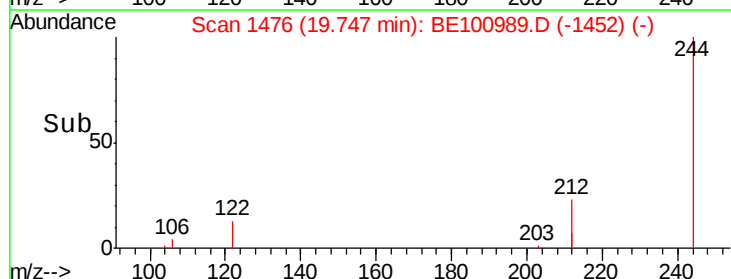
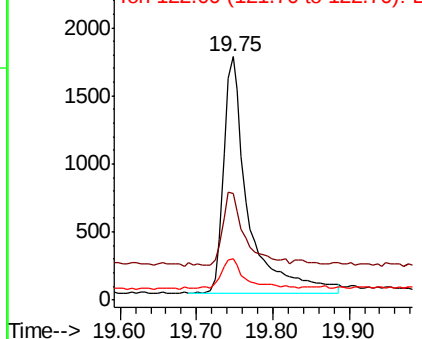


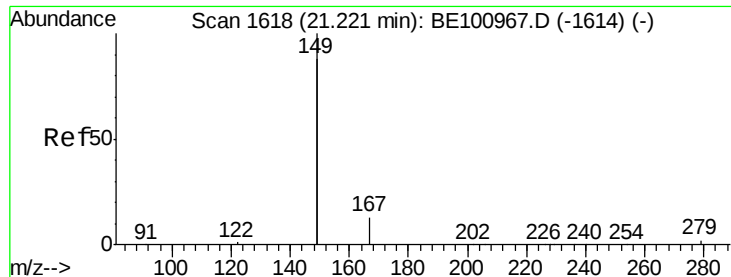
Abundance

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





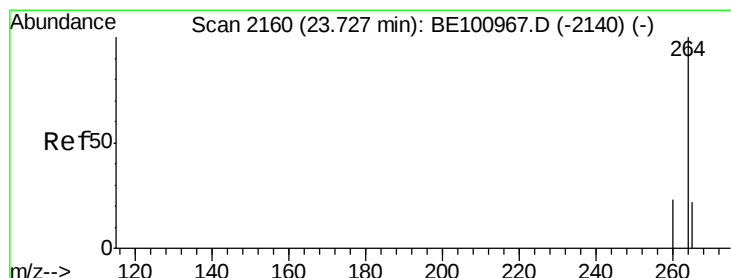
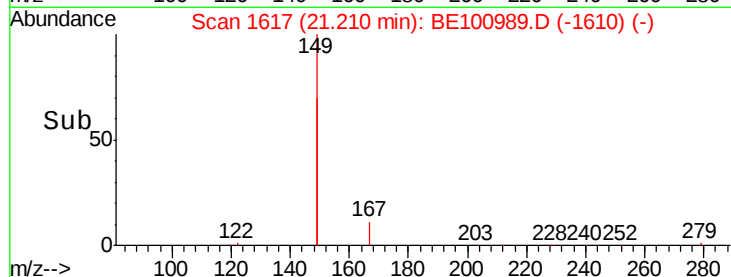
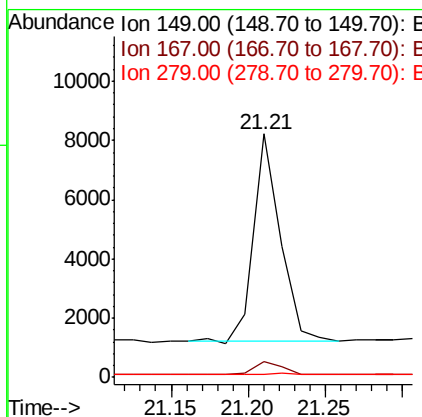
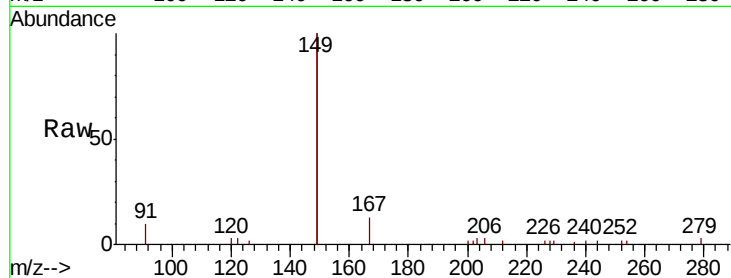
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

Instrument :
 BNA_E
 ClientSampleID :
 MW-2DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.1	7.7
279	1.0	0.6	1.0

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:26:45 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	31.1	26.6	40.0

