

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100103.D
 Acq On : 20 Jun 2019 11:31
 Operator : JU/SJ
 Sample : PB120548BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120548BL

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:16:19 AM

Quant Time: Jun 21 01:57:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	542	0.40	ng	0.01
7) Naphthalene-d8	10.58	136	2027m	0.40	ng	0.04
13) Acenaphthene-d10	14.43	164	1462	0.40	ng	0.01
19) Phenanthrene-d10	17.19	188	4012	0.40	ng	0.03
27) Chrysene-d12	21.35	240	6026	0.40	ng	0.01
34) Perylene-d12	23.85	264	8774	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	385	0.34	ng	0.01
5) Phenol-d6	7.02	99	409m	0.26	ng	0.09
8) Nitrobenzene-d5	9.02	82	323	0.16	ng	0.10
11) 2-Methylnaphthalene-d10	12.21	152	867	0.22	ng	0.06
14) 2,4,6-Tribromophenol	15.98	330	92	0.11	ng	0.07
15) 2-Fluorobiphenyl	13.07	172	1792	0.31	ng	0.03
25) Fluoranthene-d10	19.21	212	15188	0.26	ng	0.02
29) Terphenyl-d14	19.81	244	3877	0.32	ng	0.00

Target Compounds Qvalue

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

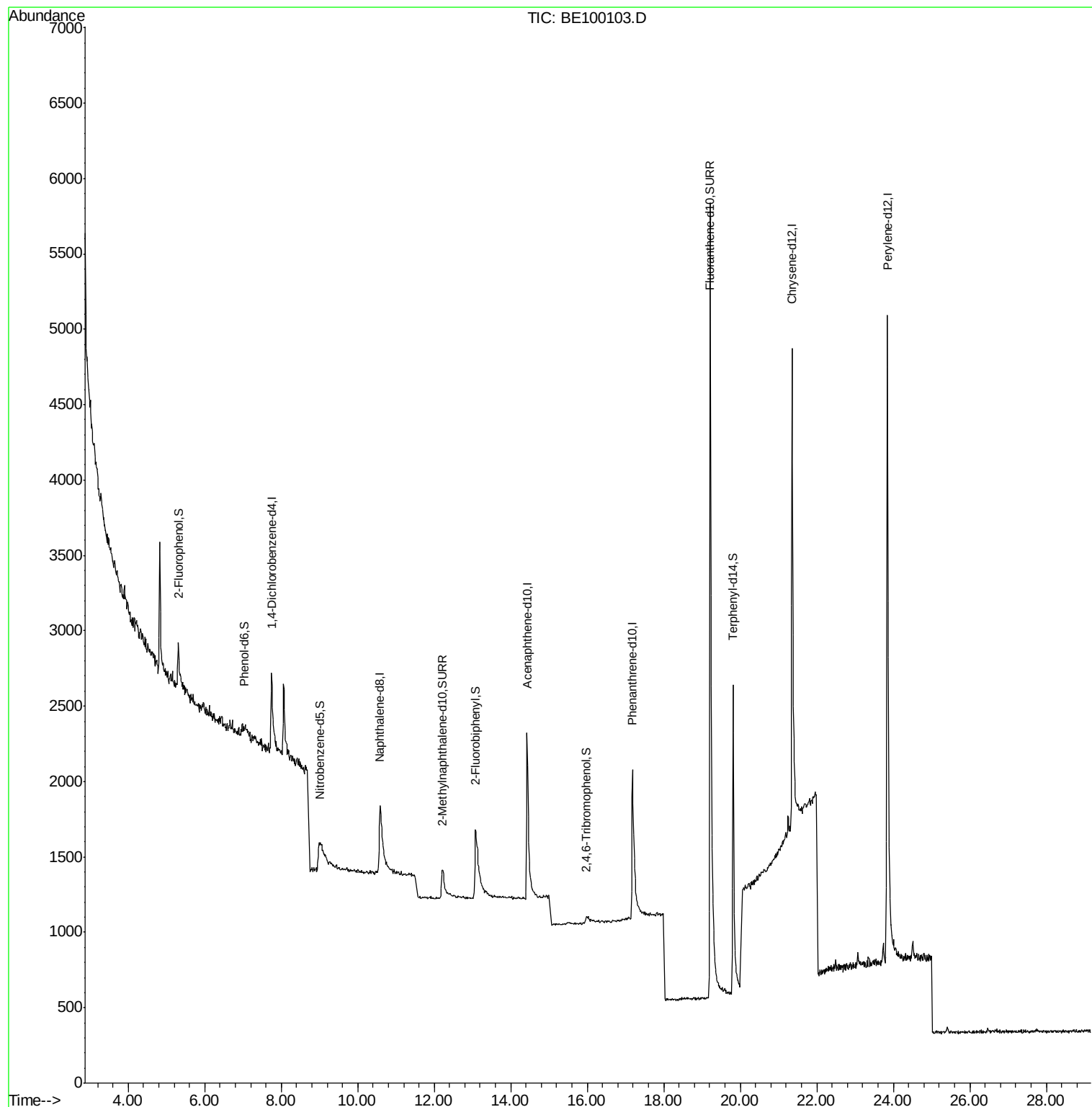
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
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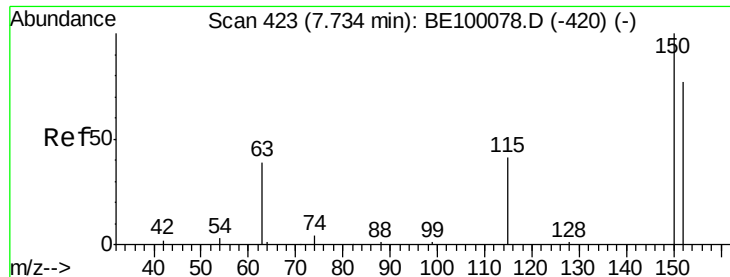
Instrument :
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#1

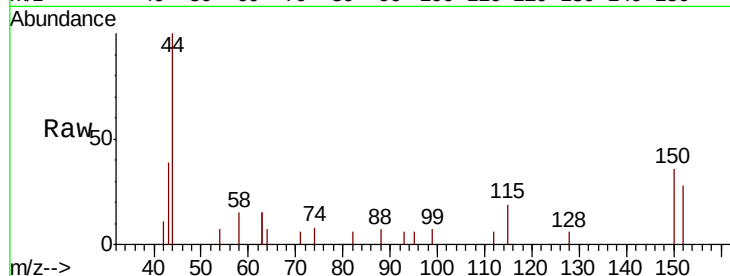
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.01 min
Lab File: BE100103.D
Acq: 20 Jun 2019 11:31

Instrument :
BNA_E
ClientSampleId :
PB120548BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	128.6	99.8	149.8
115	68.7	51.3	76.9

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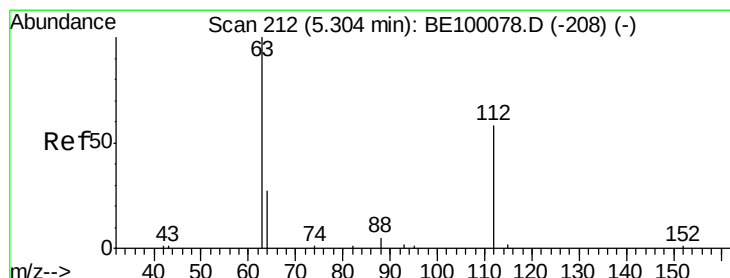
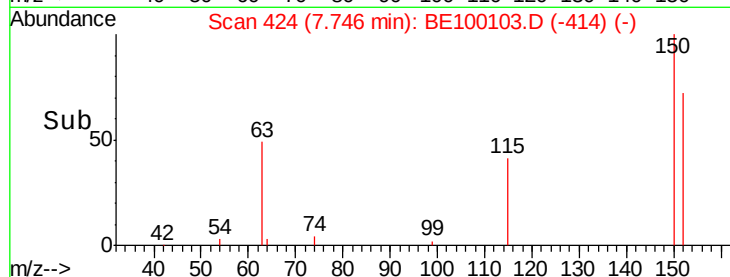
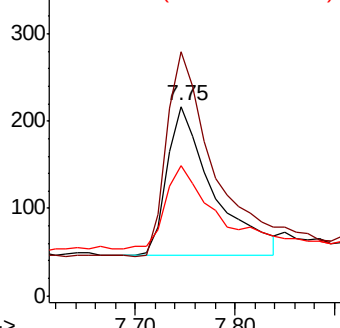


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

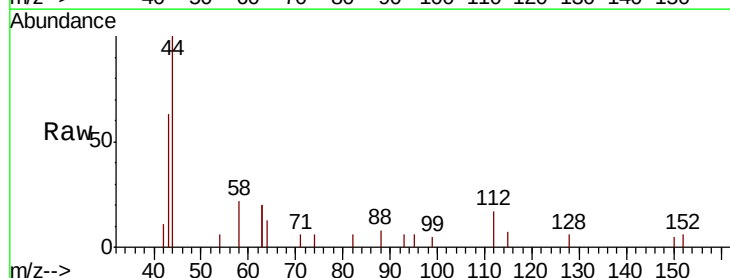
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.342 ng
RT: 5.32 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE100103.D
Acq: 20 Jun 2019 11:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	22.0	33.0#
63	165.5	121.8	182.6

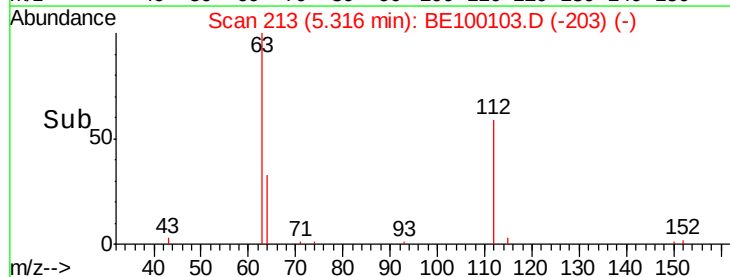
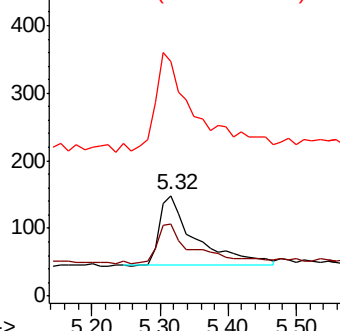


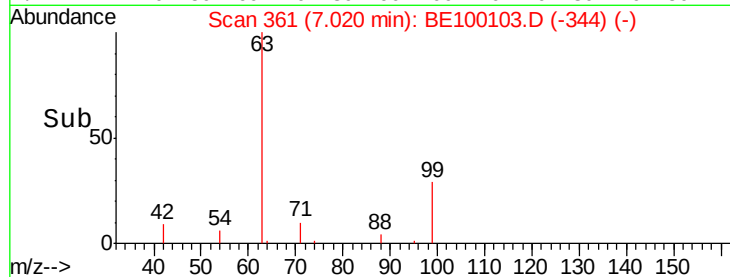
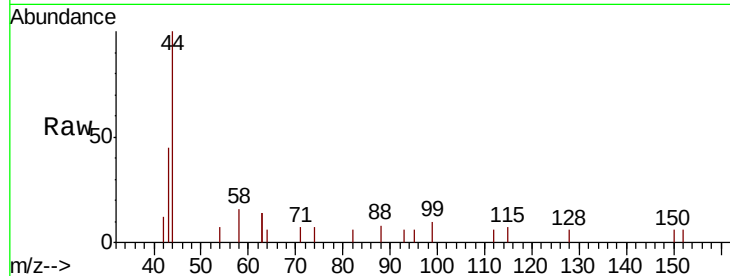
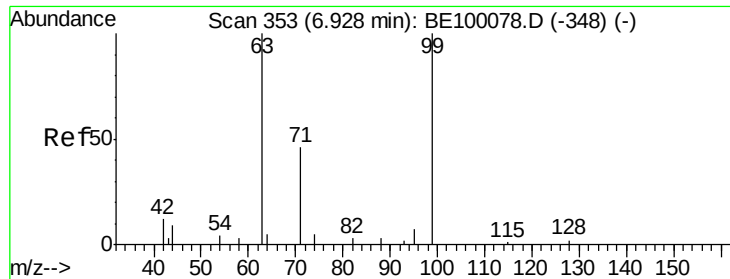
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.265 ng m

RT: 7.02 min Scan# 361

Delta R.T. 0.09 min

Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Tot Ion:	99	Resp:	409
Ion	Ratio	Lower	Upper
99	100		
42	4.6	0.0	0.0#
71	33.7	37.6	56.4#

Instrument :

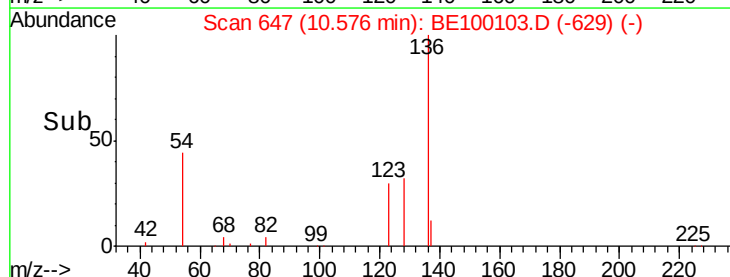
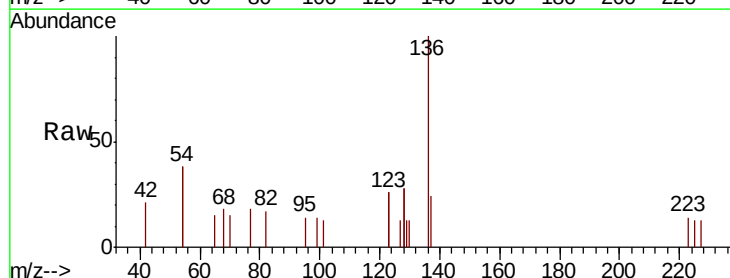
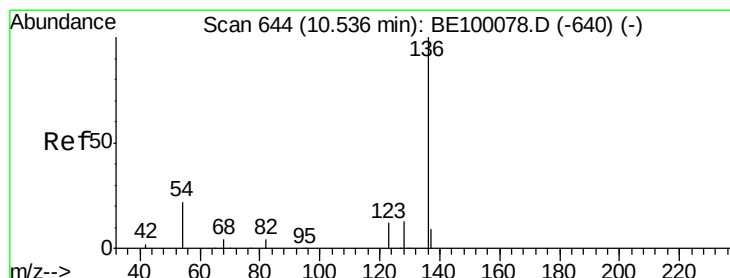
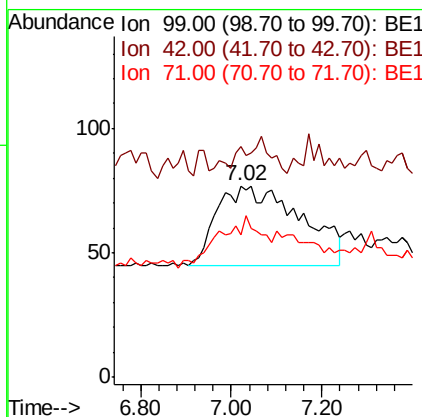
BNA_E

ClientSampled :

PB120548BL

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#7

Naphthalene-d8

Concen: 0.400 ng m

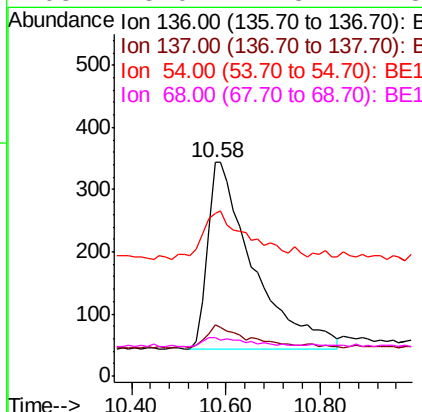
RT: 10.58 min Scan# 647

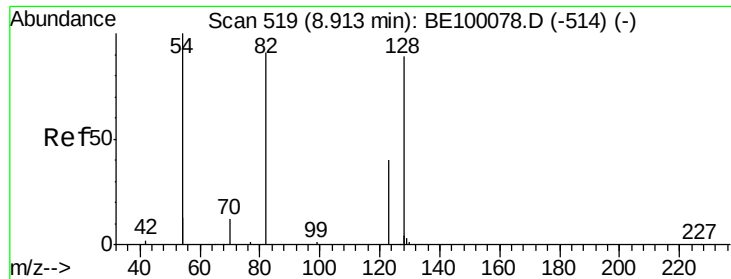
Delta R.T. 0.04 min

Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Tgt Ion:	136	Resp:	2027
Ion	Ratio	Lower	Upper
136	100		
137	23.8	11.6	17.4#
54	38.1	33.9	50.9
68	18.0	7.8	11.8#





#8

Nitrobenzene-d5

Concen: 0.164 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.10 min

Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Instrument :

BNA_E

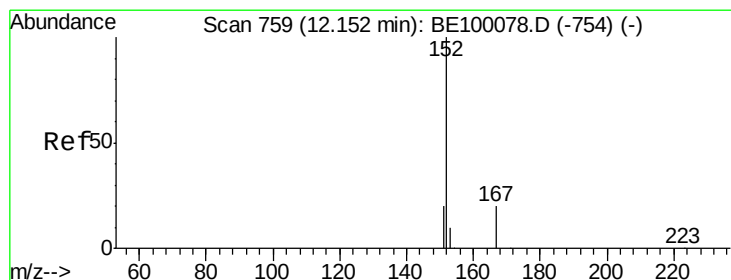
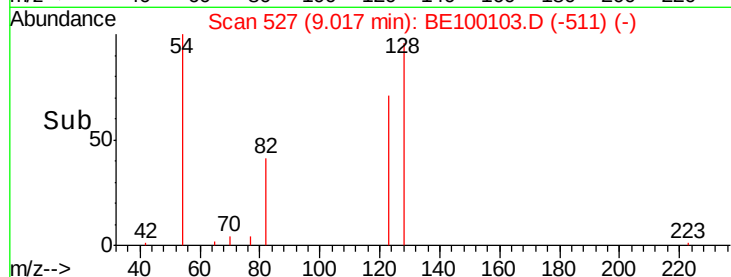
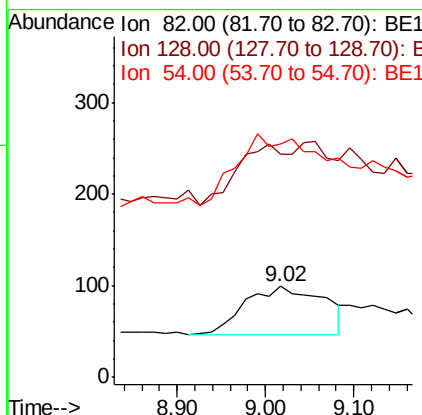
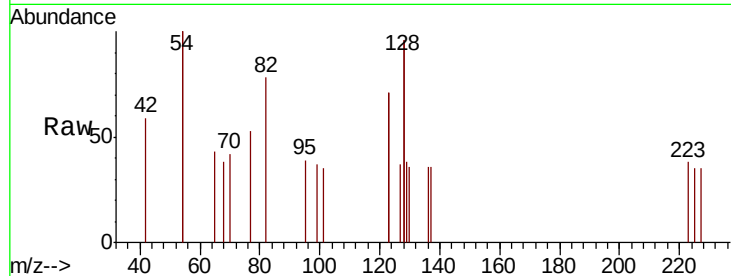
ClientSampleId :

PB120548BL

Tot Ion:	82	Resp:	323
Ion	Ratio	Lower	Upper
82	100		
128	246.5	128.0	192.0#
54	256.6	143.4	215.0#

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#11

2-Methylnaphthalene-d10

Concen: 0.225 ng

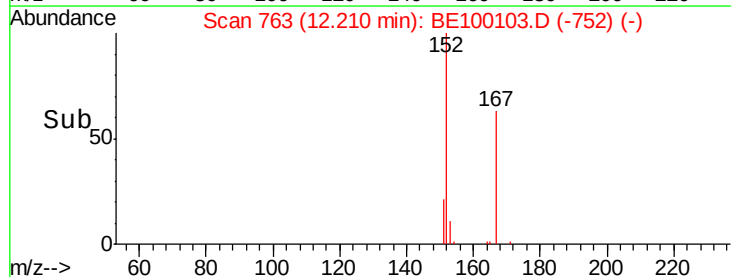
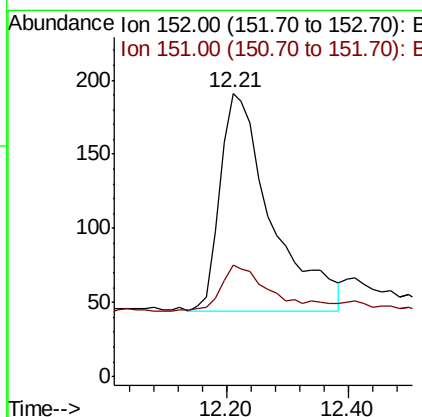
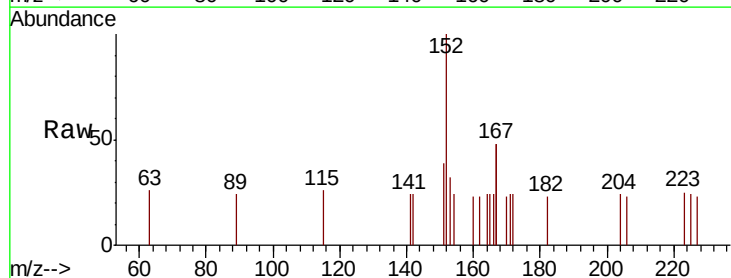
RT: 12.21 min Scan# 763

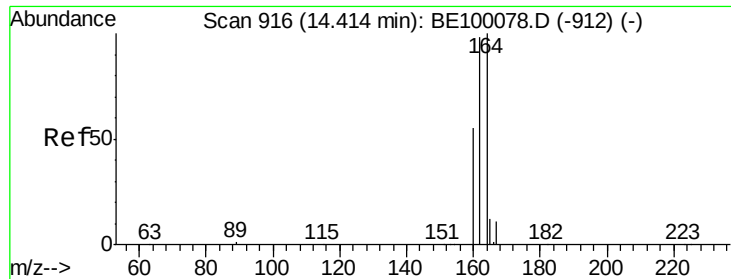
Delta R.T. 0.06 min

Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Tgt Ion:	152	Resp:	867
Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.3	24.5





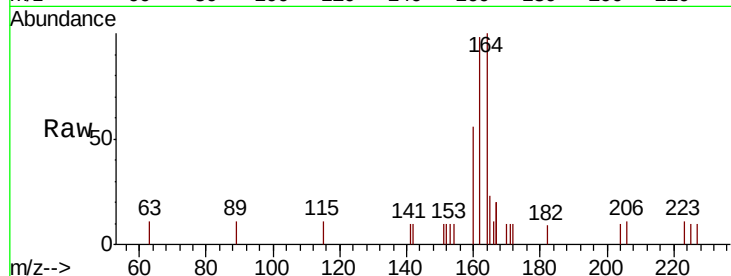
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.01 min
Lab File: BE100103.D
Acq: 20 Jun 2019 11:31

Instrument :
BNA_E
ClientSampleId :
PB120548BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.2	117.2
160	55.6	45.6	68.4

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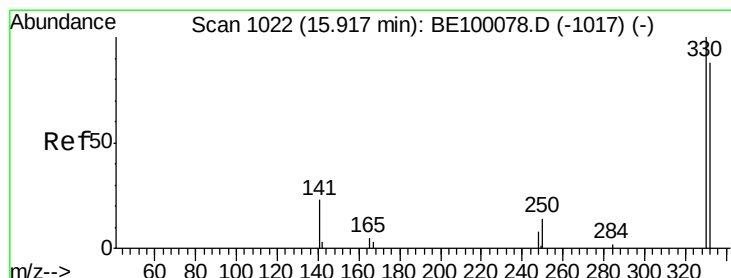
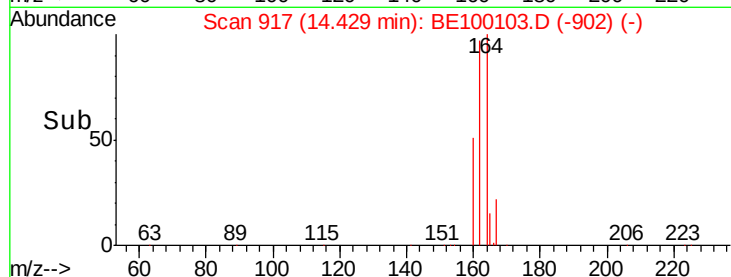
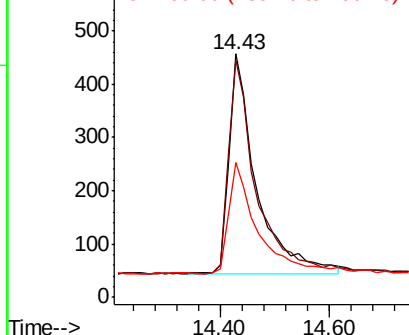


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.07 min
Lab File: BE100103.D
Acq: 20 Jun 2019 11:31

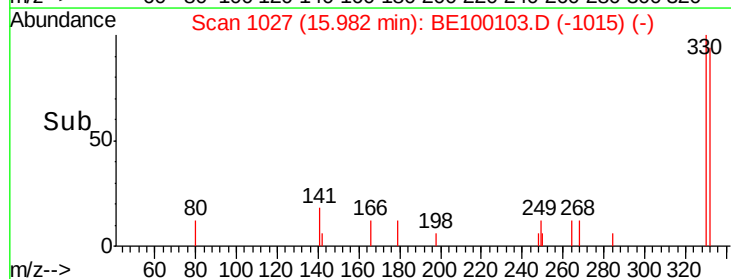
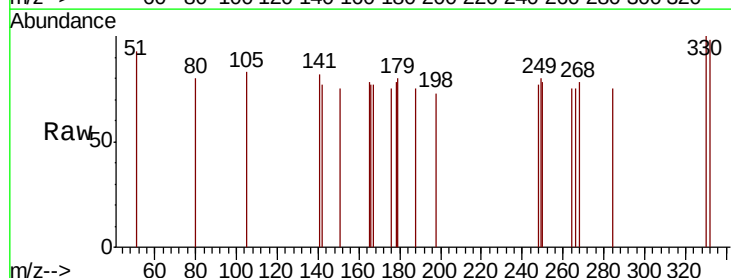
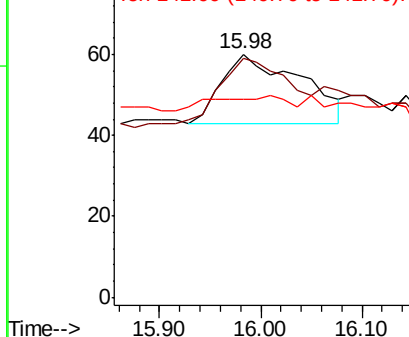
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	73.3	109.9
141	0.0	22.2	33.2#

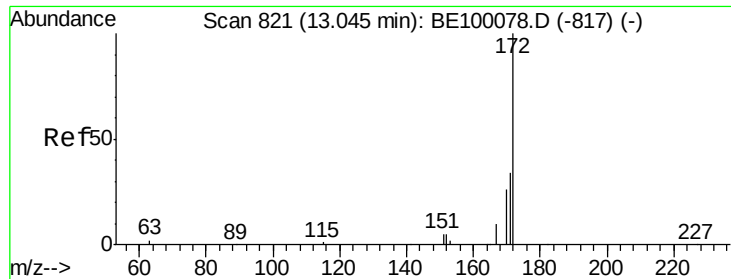
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





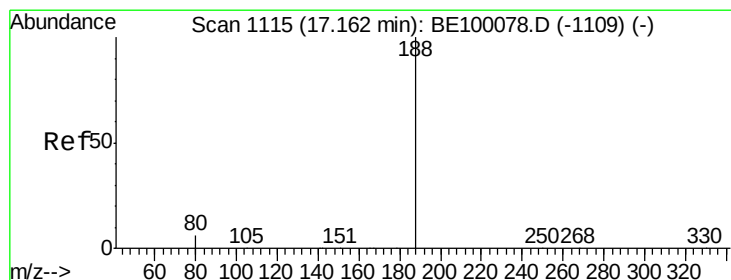
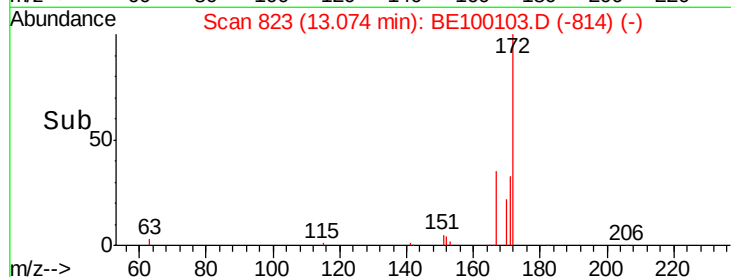
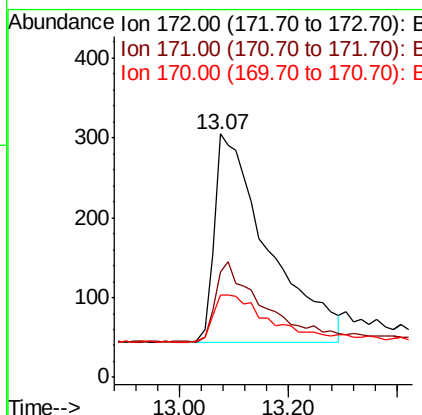
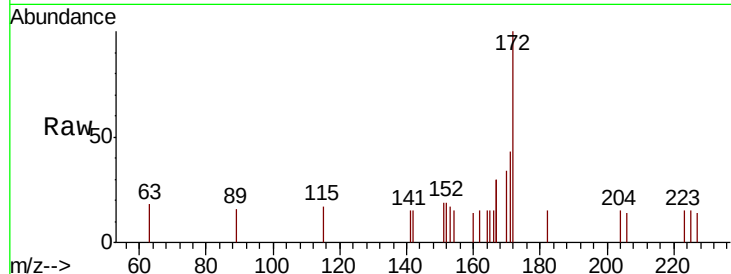
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.07 min Scan# 823
Delta R.T. 0.03 min
Lab File: BE100103.D
Acq: 20 Jun 2019 11:31

Instrument :
BNA_E
ClientSampleId :
PB120548BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.3	29.8	44.8
170	34.1	23.2	34.8

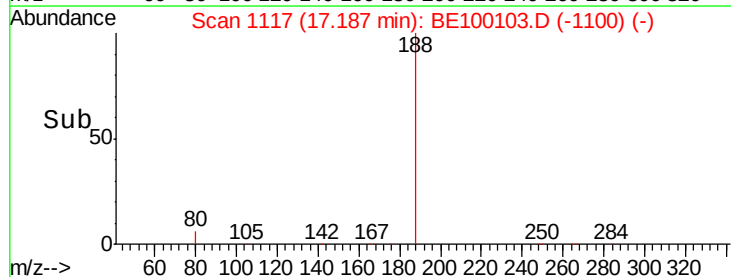
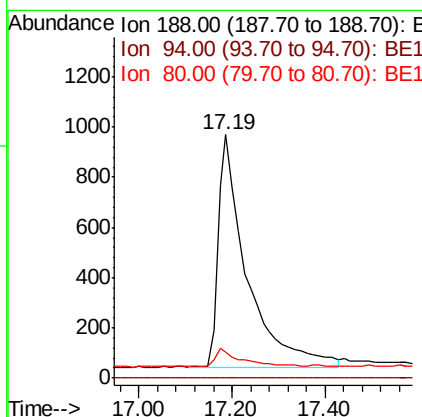
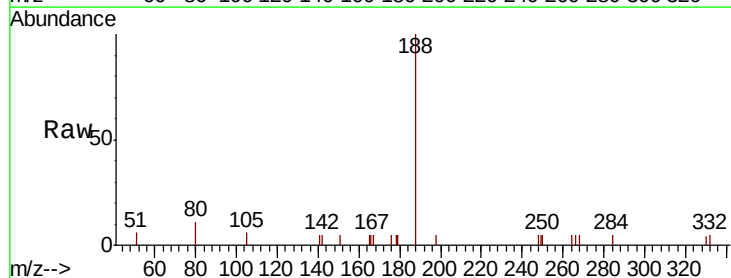
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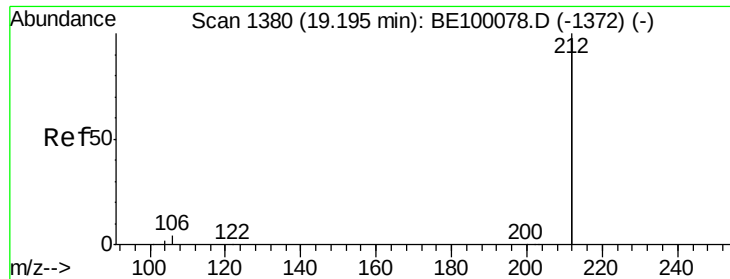
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE100103.D
Acq: 20 Jun 2019 11:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	6.3	9.5#





#25

Fluoranthene-d10

Concen: 0.265 ng

RT: 19.21 min Scan# 1383

Delta R.T. 0.02 min

Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Instrument :

BNA_E

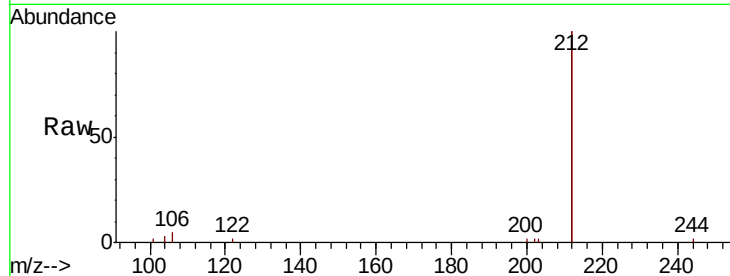
ClientSampleId :

PB120548BL

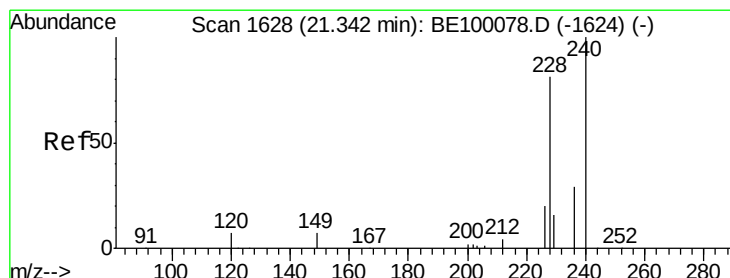
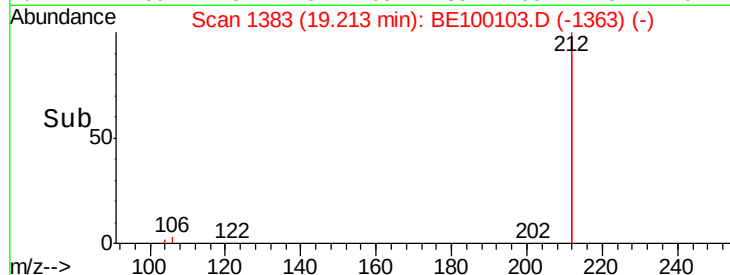
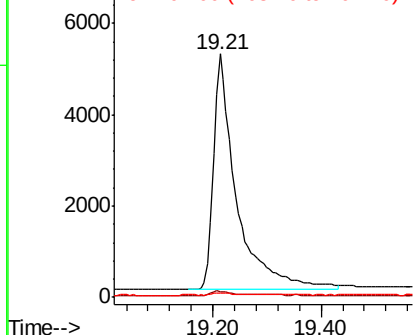
Tot Ion:	212	Resp:	15188
Ion Ratio	Lower	Upper	
212	100		
106	1.6	1.4	2.0
104	0.8	0.8	1.2

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1629

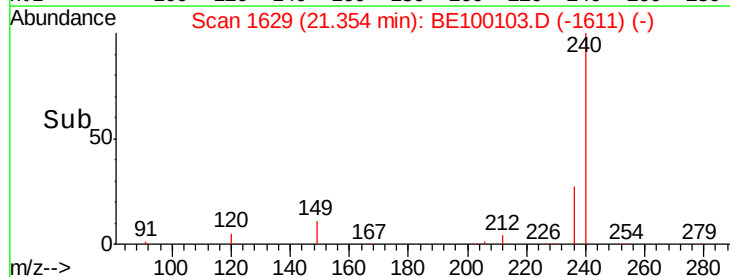
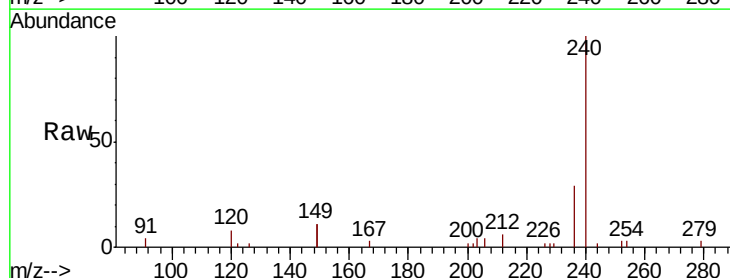
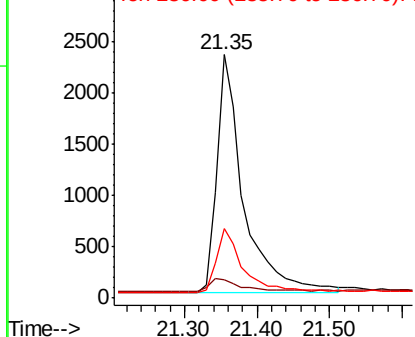
Delta R.T. 0.01 min

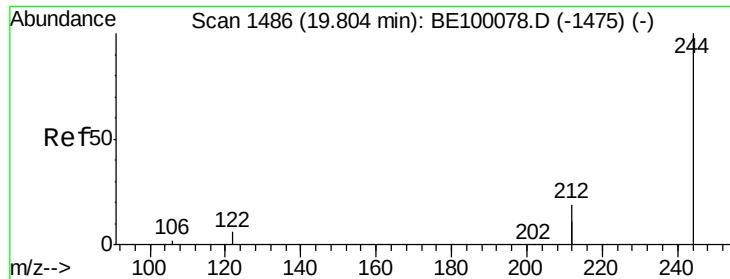
Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Tgt Ion:	240	Resp:	6026
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.6	10.0
236	28.7	23.8	35.6

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: 0.322 ng

RT: 19.81 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Instrument :

BNA_E

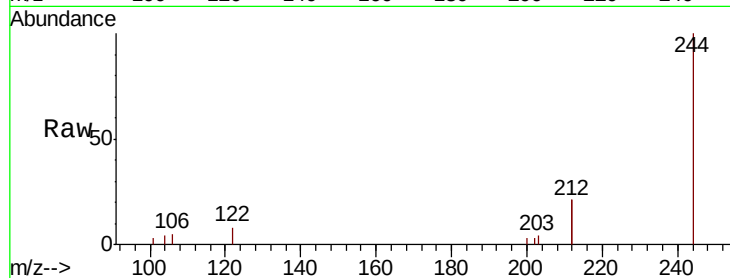
ClientSampleId :

PB120548BL

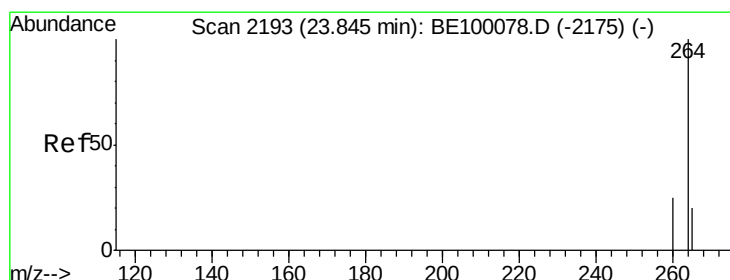
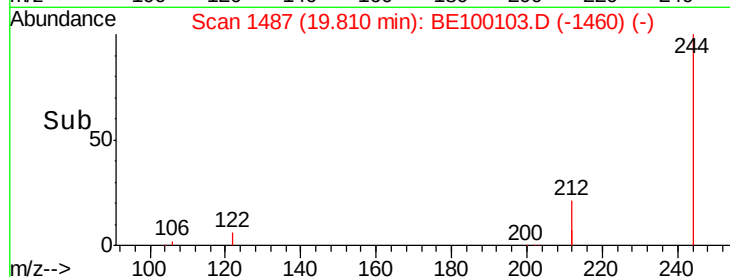
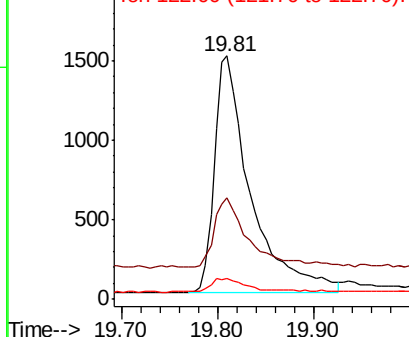
Tot Ion:	244	Resp:	3877
Ion Ratio	Lower	Upper	
244	100		
212	41.7	29.8	44.8
122	8.5	6.1	9.1

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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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.85 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE100103.D

Acq: 20 Jun 2019 11:31

Tgt Ion:	264	Resp:	8774
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.8	31.2
265	32.9	23.2	34.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

