

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001431.D
 Acq On : 26 Dec 2019 19:55
 Operator : JU
 Sample : K6118-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-122319

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Quant Time: Dec 27 08:15:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27090	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	96279	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	59267	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	119130	20.00	ng	0.00
76) Chrysene-d12	19.22	240	93044	20.00	ng	0.00
87) Perylene-d12	20.99	264	93917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	222245	132.59	ng	0.02
7) Phenol-d6	7.76	99	286378	130.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	211062	84.18	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	108758	146.78	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	415989	88.75	ng	0.00
79) Terphenyl-d14	17.87	244	562542	103.55	ng	0.00
Target Compounds						
32) Benzoic acid	10.00	122	1067m	5.936	ng	Qvalue 99
77) Benzidine	17.52	184	20584	7.598	ng	

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

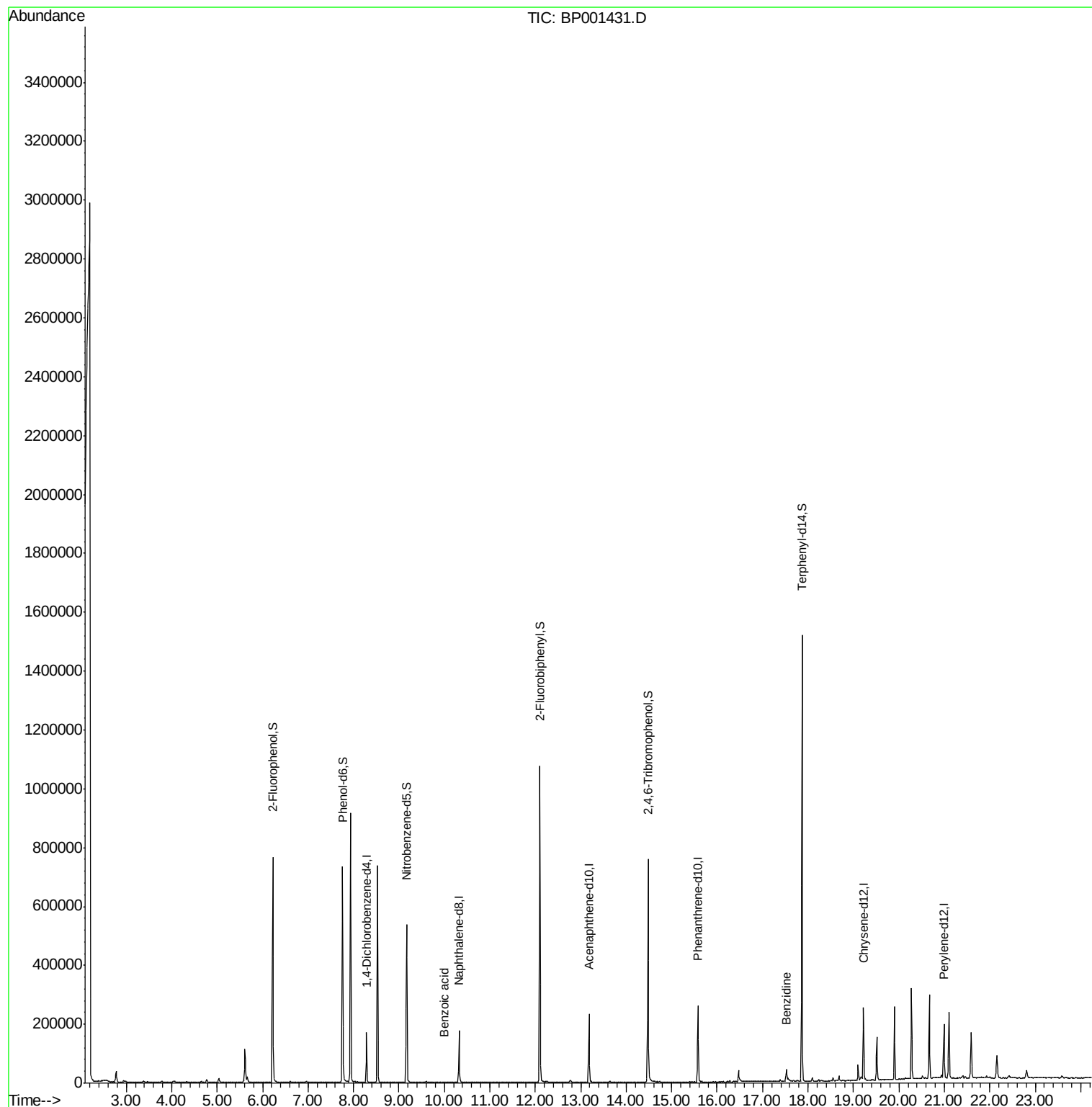
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001431.D
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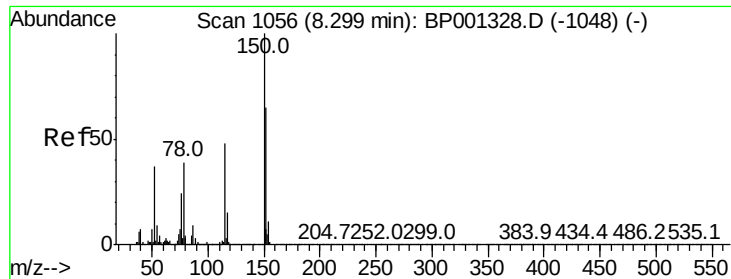
Instrument :
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QLast Update : Tue Dec 24 16:04:49 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Instrument :

BNA_P

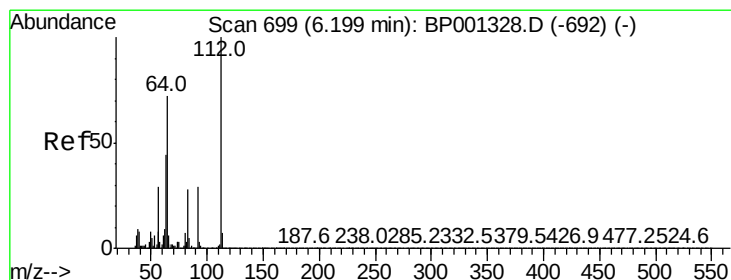
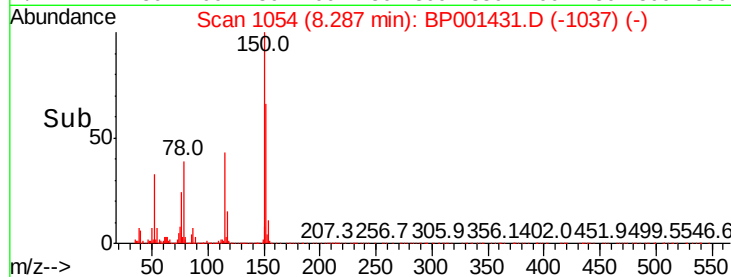
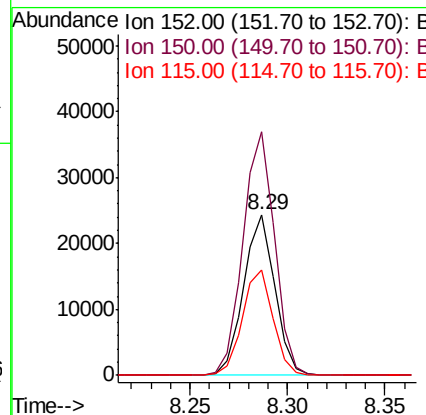
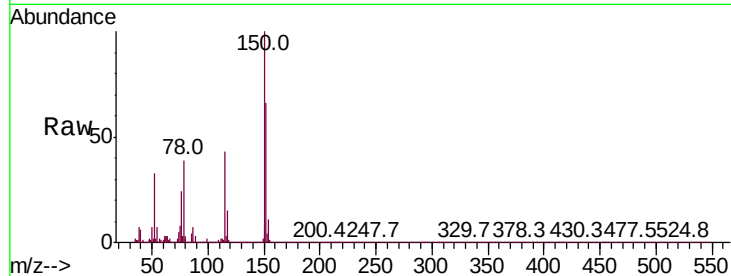
ClientSampleId :

SU-01-122319

Tot Ion:	152	Resp:	27090
Ion Ratio	Lower	Upper	
152	100		
150	151.4	127.0	190.6
115	65.5	56.1	84.1

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#5

2-Fluorophenol

Concen: 132.592 ng

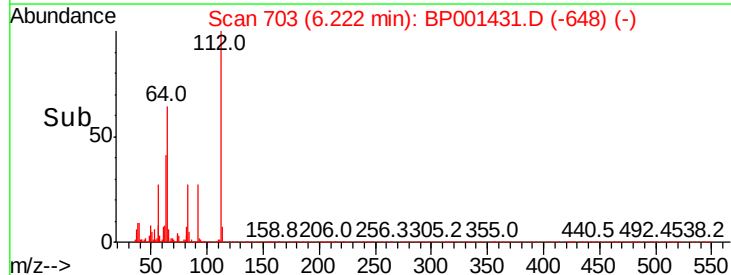
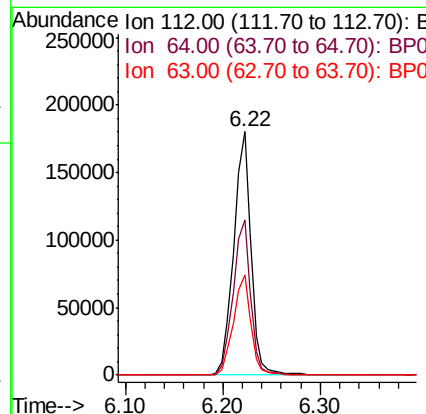
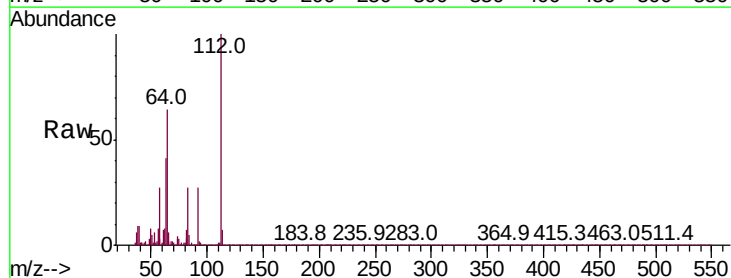
RT: 6.22 min Scan# 703

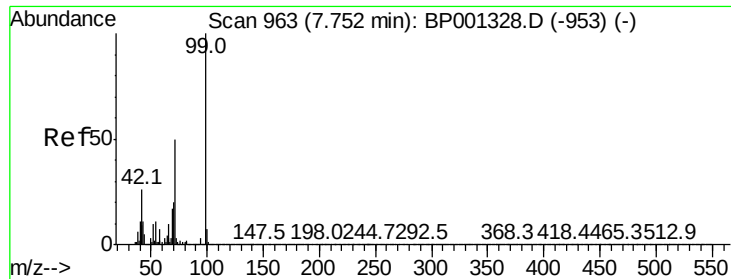
Delta R.T. 0.02 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Tgt Ion:	112	Resp:	222245
Ion Ratio	Lower	Upper	
112	100		
64	63.8	53.9	80.9
63	41.2	33.4	50.0





#7

Phenol-d6

Concen: 130.935 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Instrument :

BNA_P

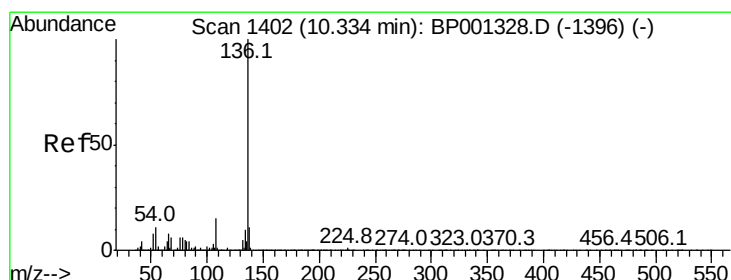
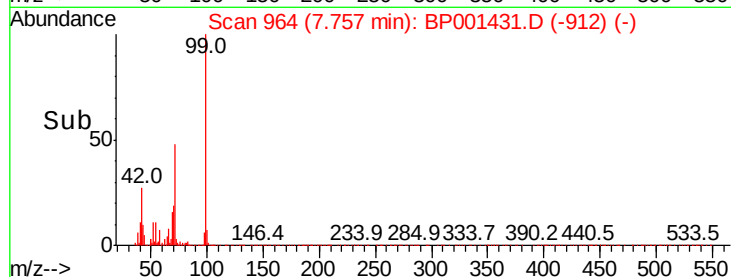
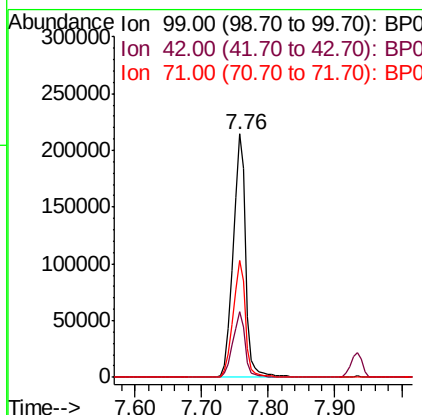
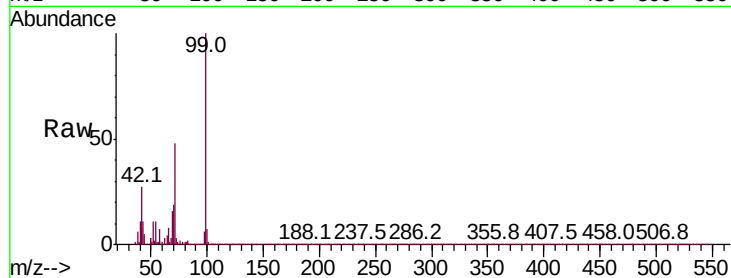
ClientSampleId :

SU-01-122319

Tot Ion	99	Resp	286378
Ion Ratio	Lower	Upper	
99	100		
42	27.2	20.8	31.2
71	47.8	38.2	57.4

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#21

Naphthalene-d8

Concen: 20.000 ng

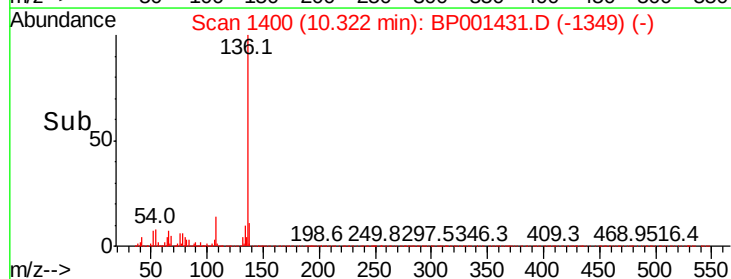
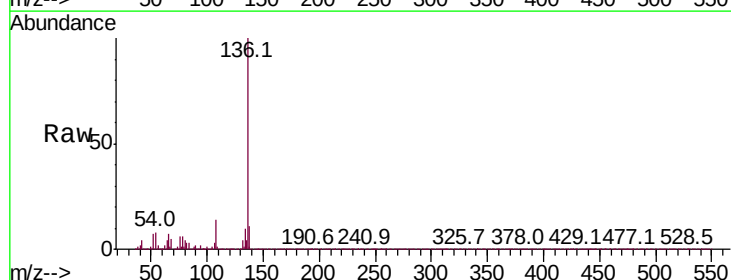
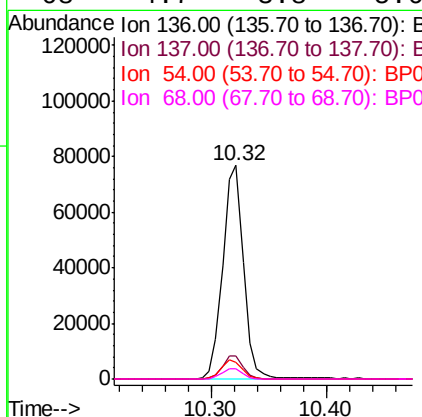
RT: 10.32 min Scan# 1400

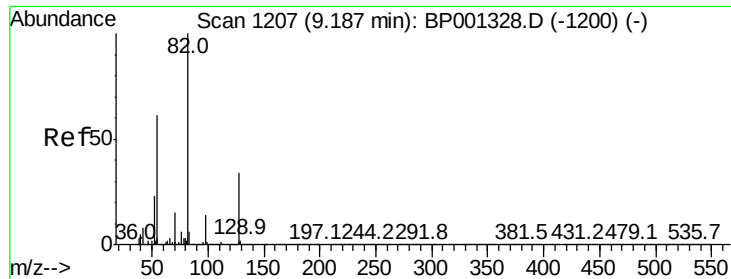
Delta R.T. -0.00 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Tgt Ion	136	Resp	96279
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	8.1	7.3	10.9
68	4.7	3.8	5.6





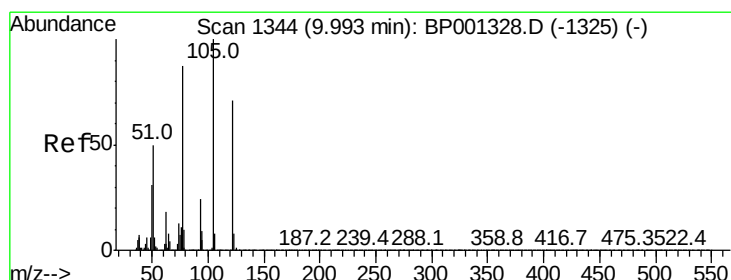
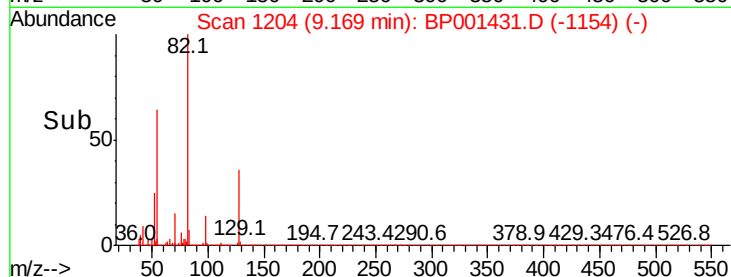
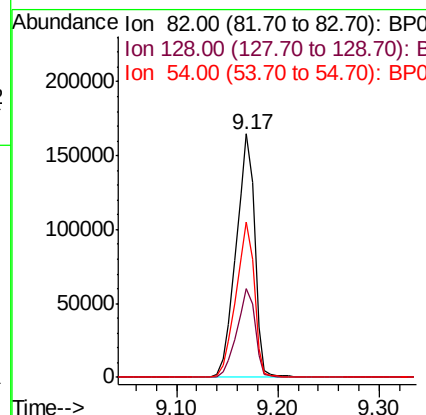
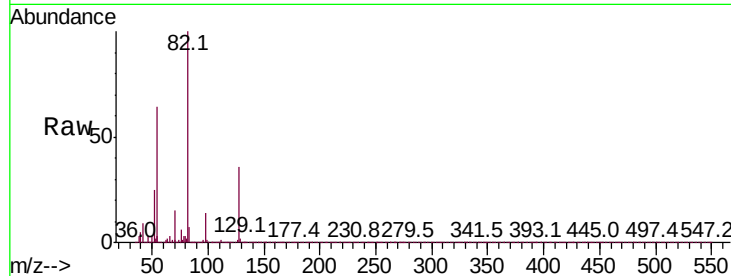
#23
 Nitrobenzene-d5
 Concen: 84.183 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-122319

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.4	27.4	41.0	
54	63.7	47.5	71.3	

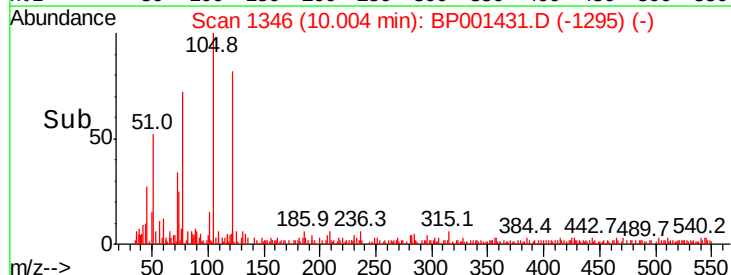
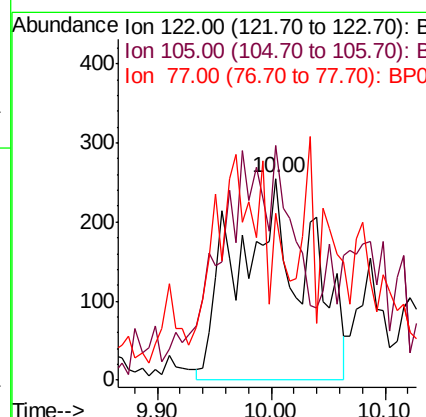
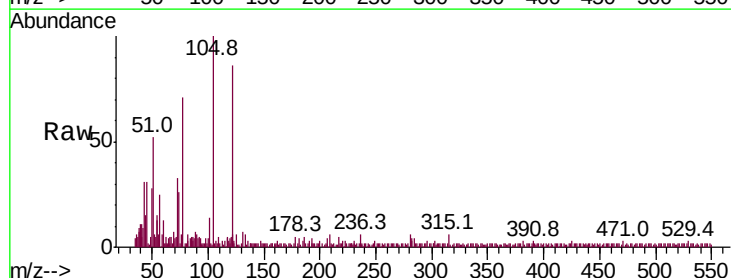
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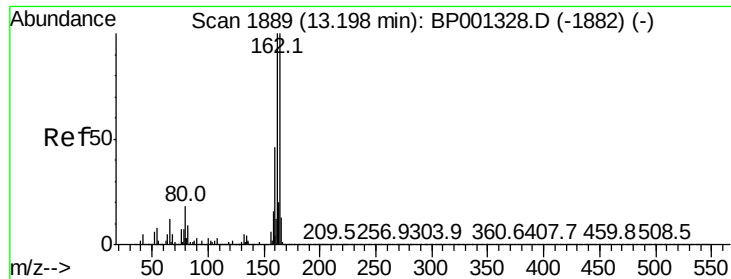
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#32
 Benzoic acid
 Concen: 5.936 ng m
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.1	117.8	157.8#	
77	82.7	85.6	125.6#	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

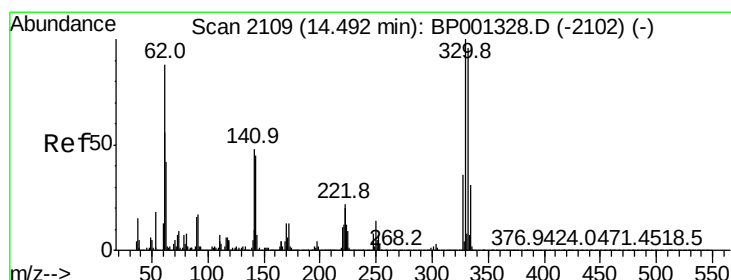
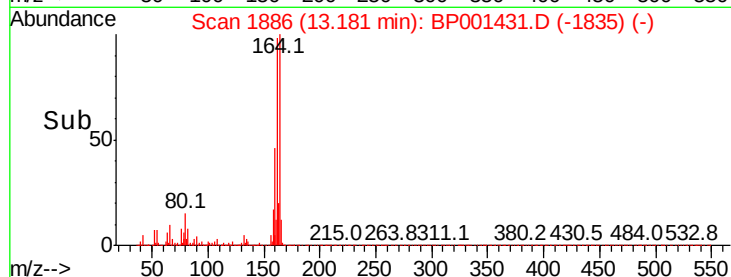
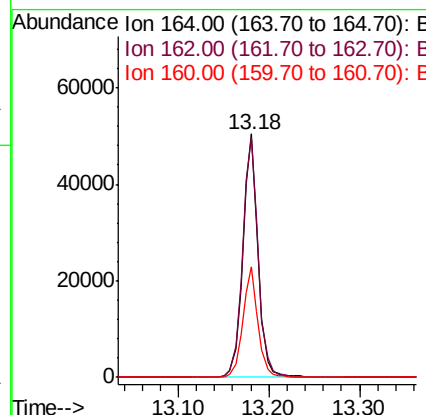
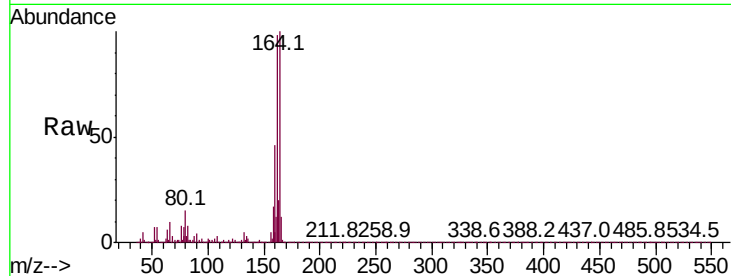
Instrument :
BNA_P

ClientSampleId :
SU-01-122319

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.2	117.4
160	45.6	35.1	52.7

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#42

2,4,6-Tribromophenol

Concen: 146.777 ng

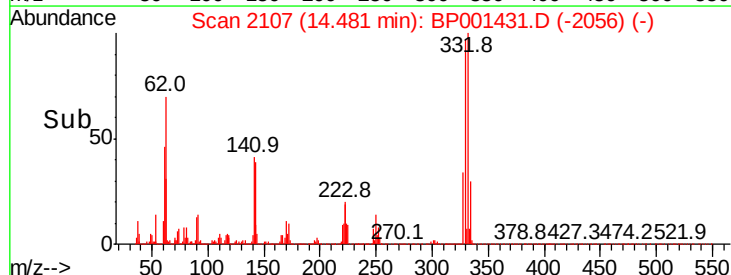
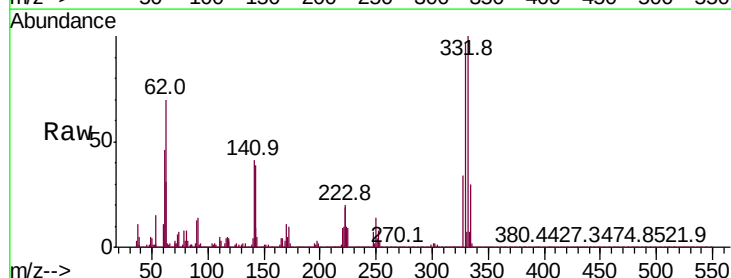
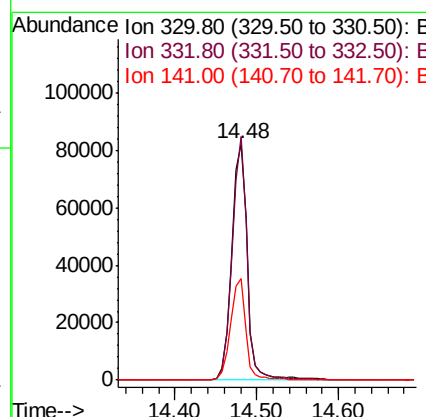
RT: 14.48 min Scan# 2107

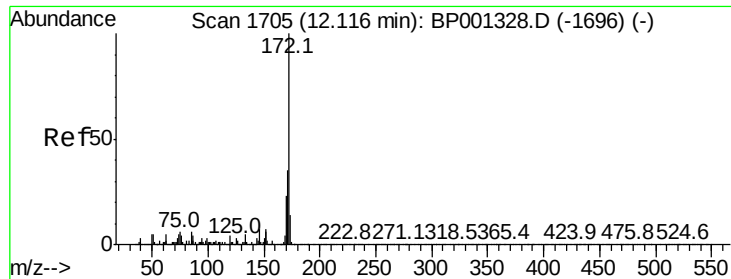
Delta R.T. -0.00 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.3	117.5
141	42.0	26.8	40.2





#45

2-Fluorobiphenyl

Concen: 88.753 ng

RT: 12.10 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Instrument :

BNA_P

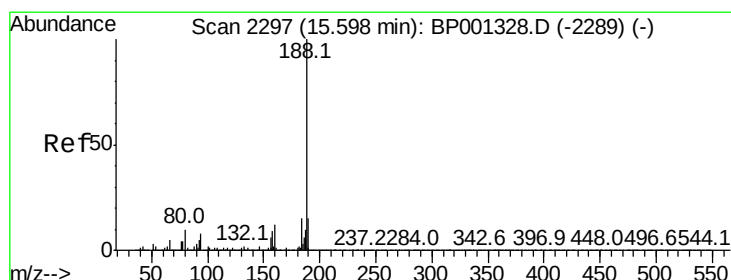
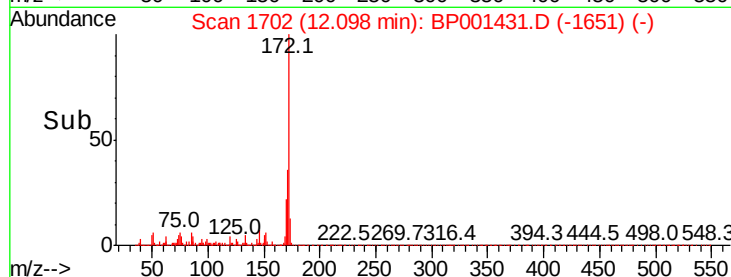
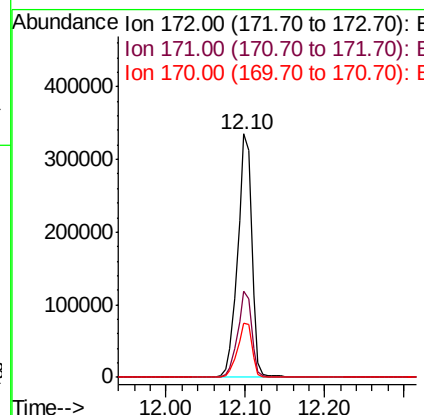
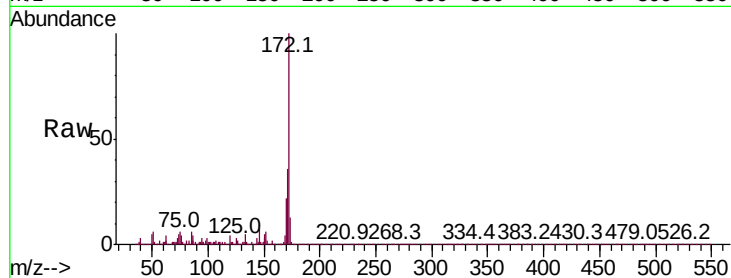
ClientSampleId :

SU-01-122319

Tot Ion:	172	Resp:	415989
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.4	41.0
170	22.3	18.2	27.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

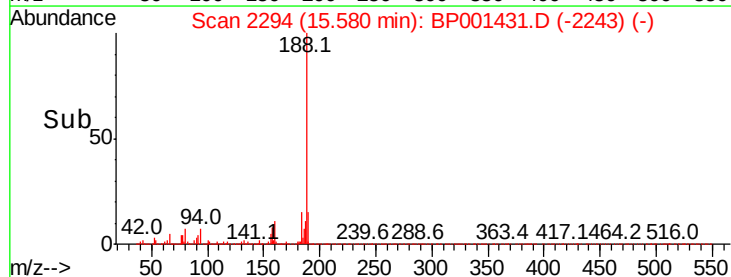
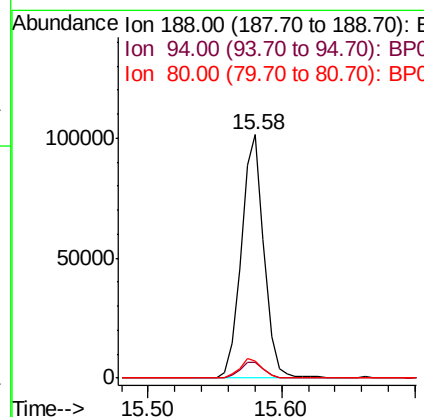
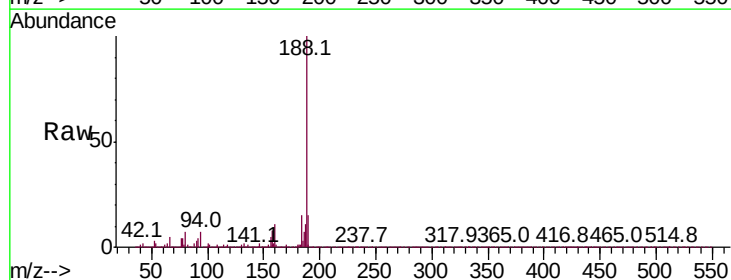
RT: 15.58 min Scan# 2294

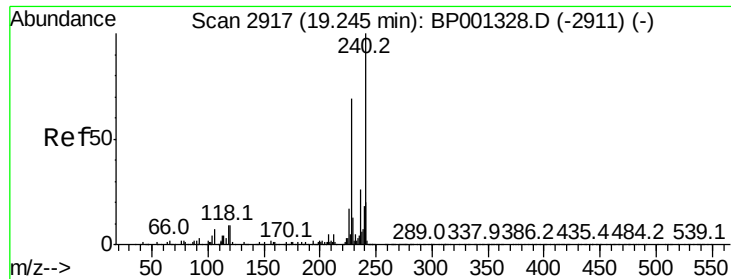
Delta R.T. -0.00 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Tgt Ion:	188	Resp:	119130
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.8	8.8
80	7.3	5.7	8.5





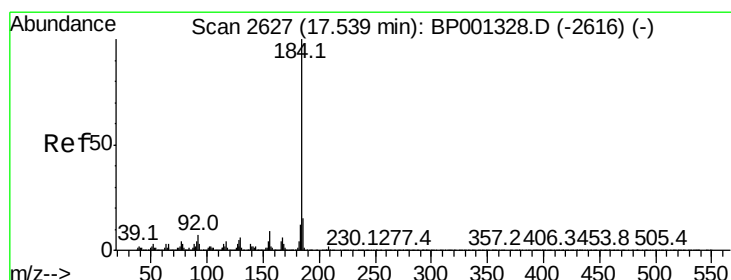
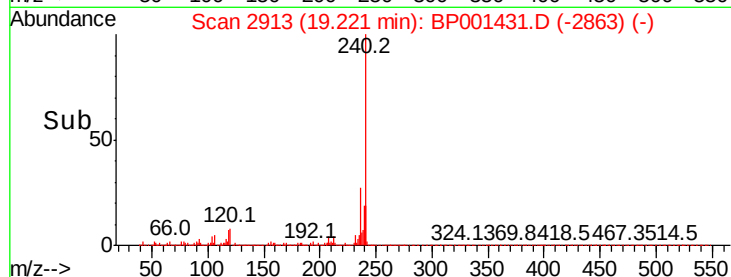
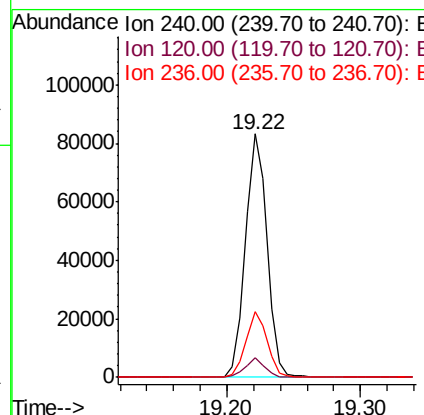
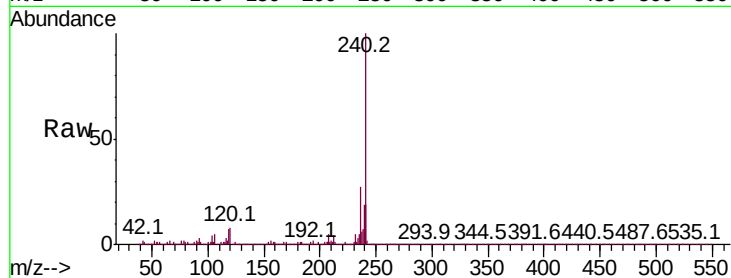
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
SU-01-122319

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.2	9.2
236	27.0	20.2	30.2

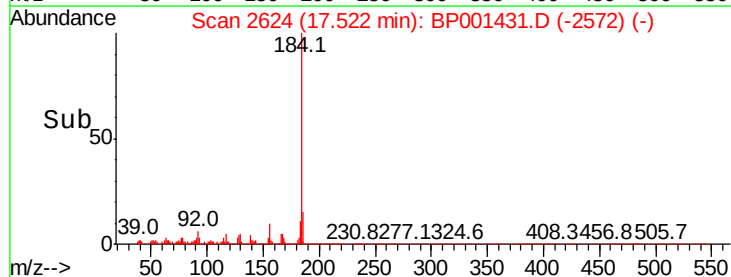
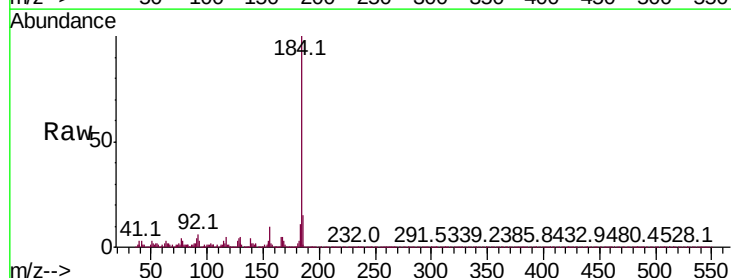
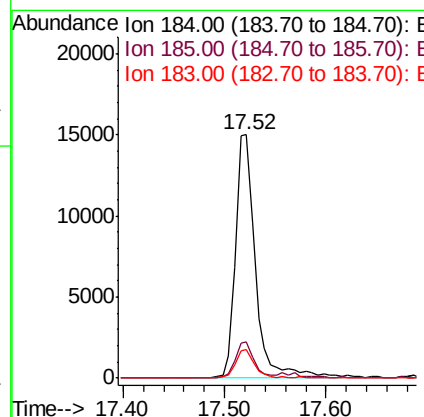
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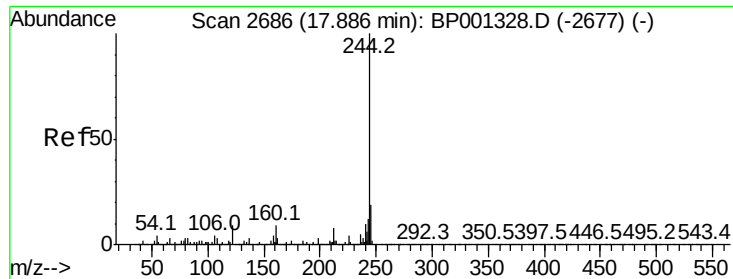
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#77
Benzidine
Concen: 7.598 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.8
183	11.5	9.6	14.4





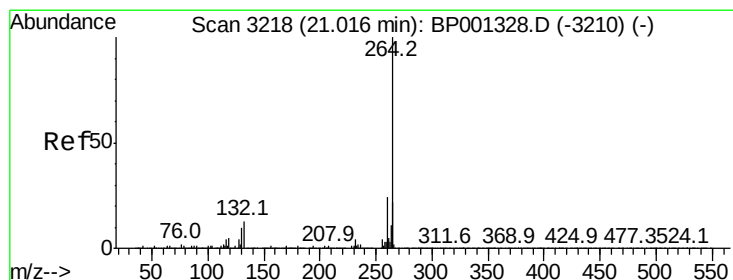
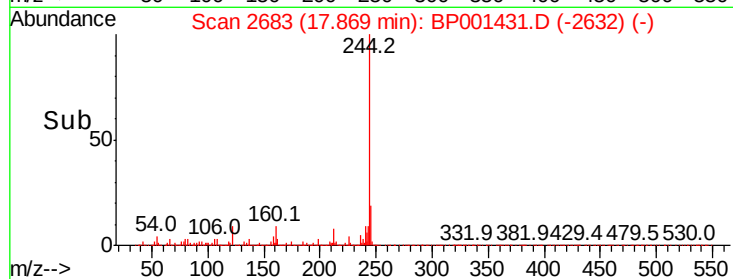
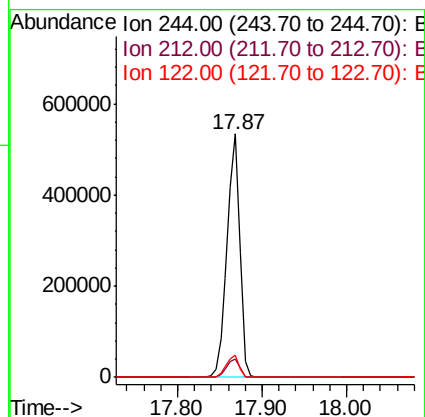
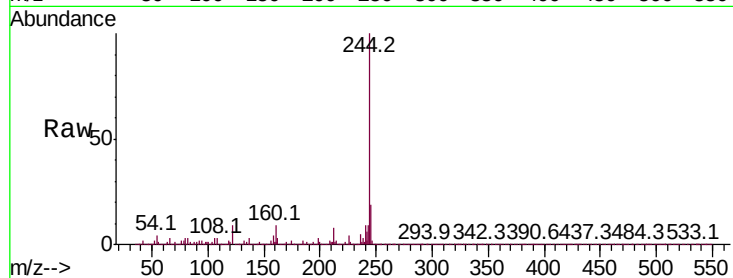
#79
 Terphenyl-d14
 Concen: 103.553 ng
 RT: 17.87 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-122319

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.8	8.8
122	8.9	6.4	9.6

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.8	17.0	25.4

