Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047329.D
Acq On : 23 Aug 2024 12:07
Operator : RC/JU
Sample : PB162905BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162905BL

Quant Time: Aug 23 12:52:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	320220	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1157209	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	777741	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1727040	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1660936	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1676885	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2092899	116.785	ng	-0.01
7) Phenol-d6	6.569	99	2617930	106.016	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1722057	74.931	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	1205614	133.689	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	4052277	80.371	ng	-0.03
79) Terphenyl-d14	19.445	244	7238856	93.388	ng	-0.02
Target Compounds						Qvalue

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

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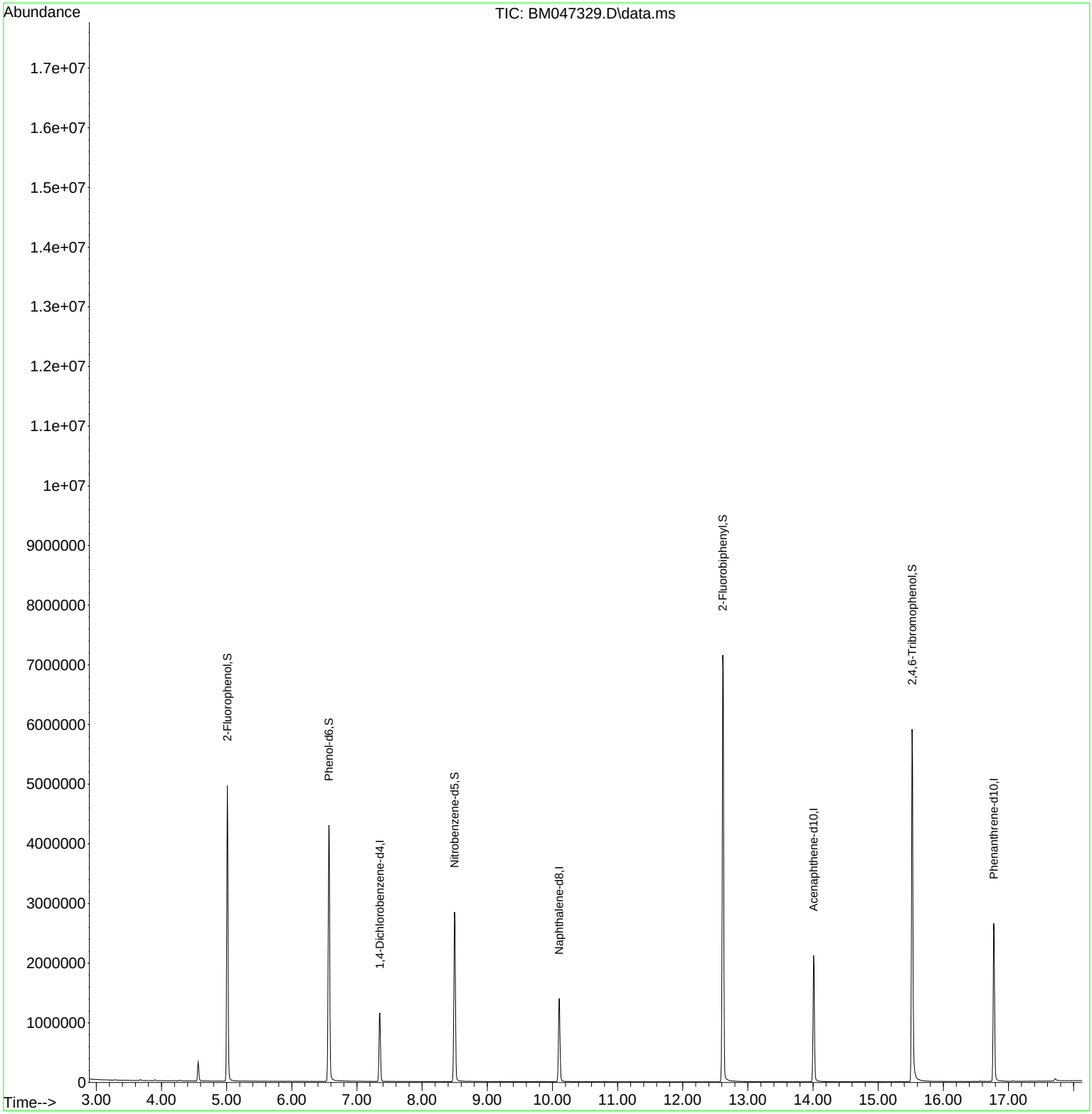

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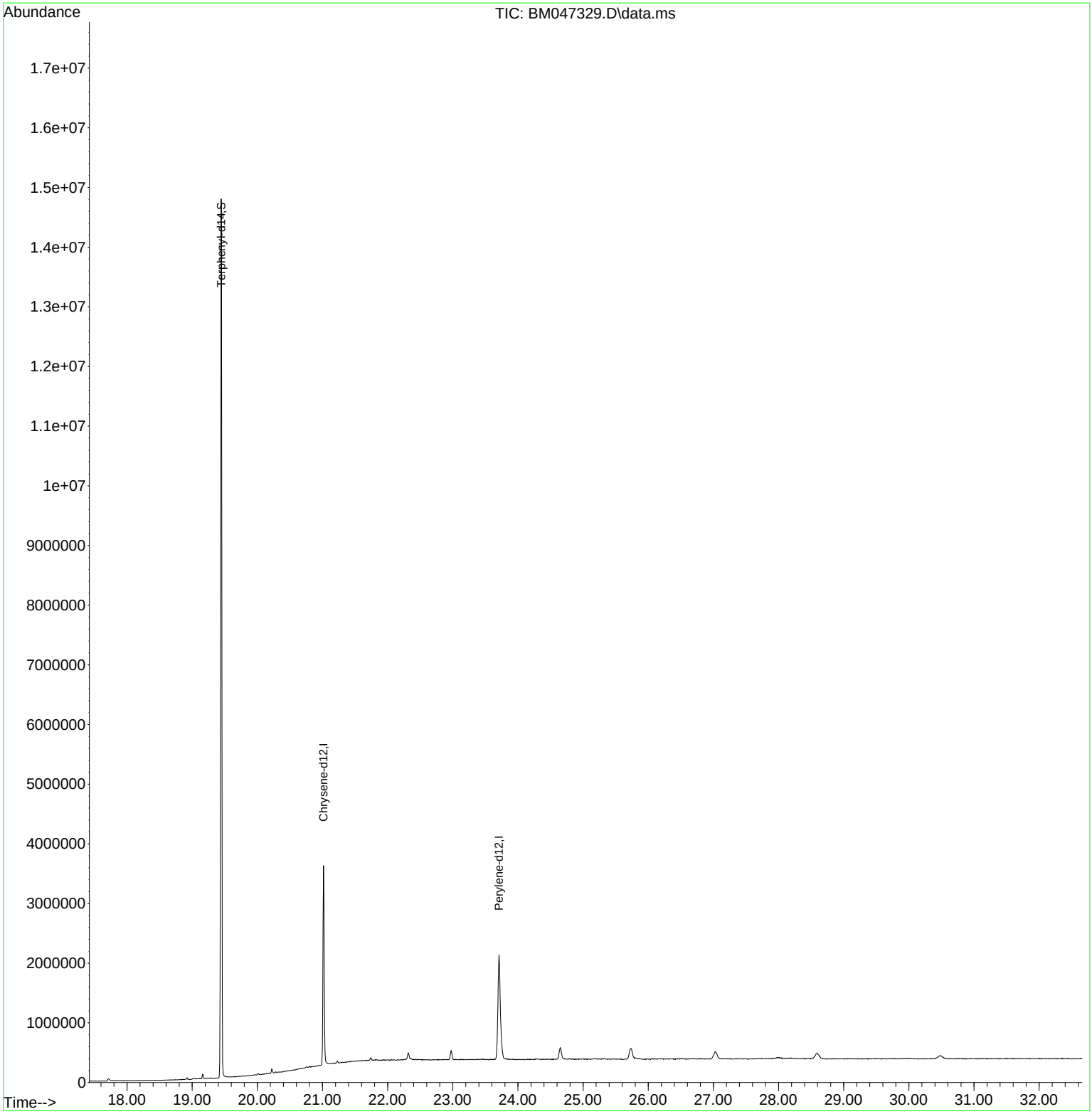
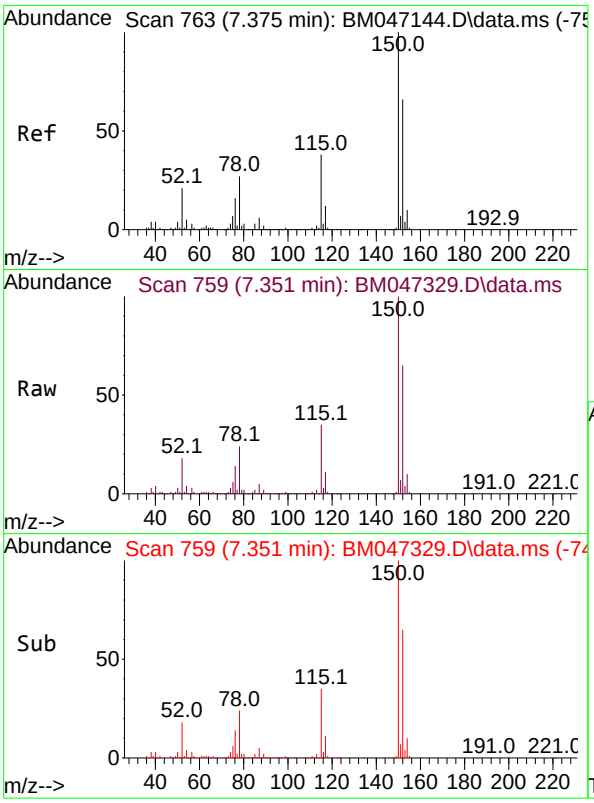


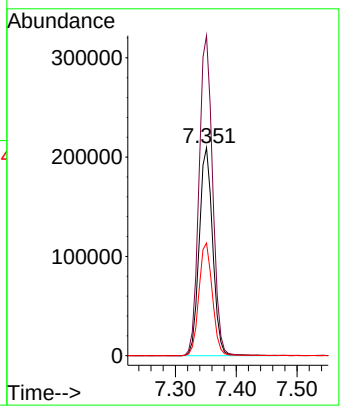


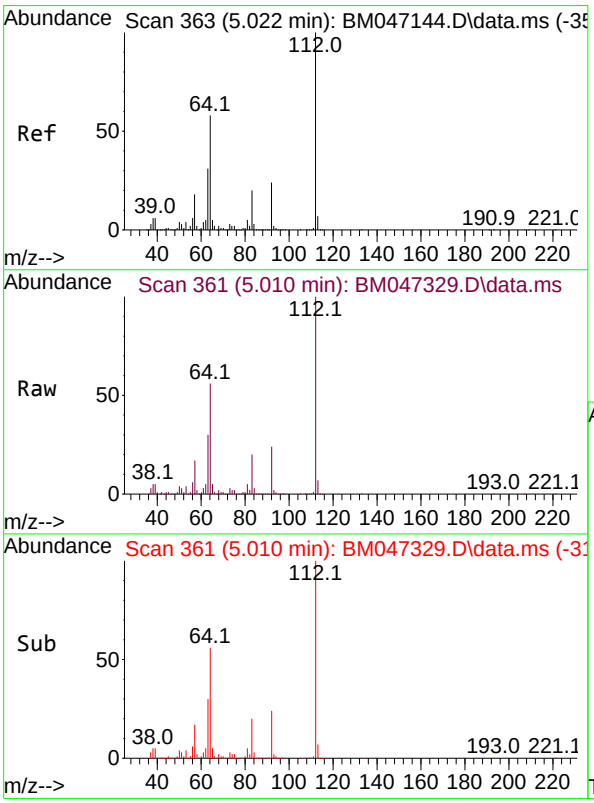
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB162905BL

Tgt Ion:152 Resp: 320220

Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.5	180.7
115	54.1	45.5	68.3

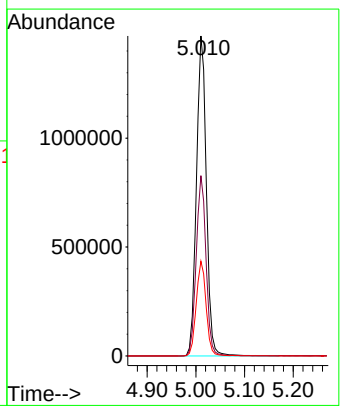


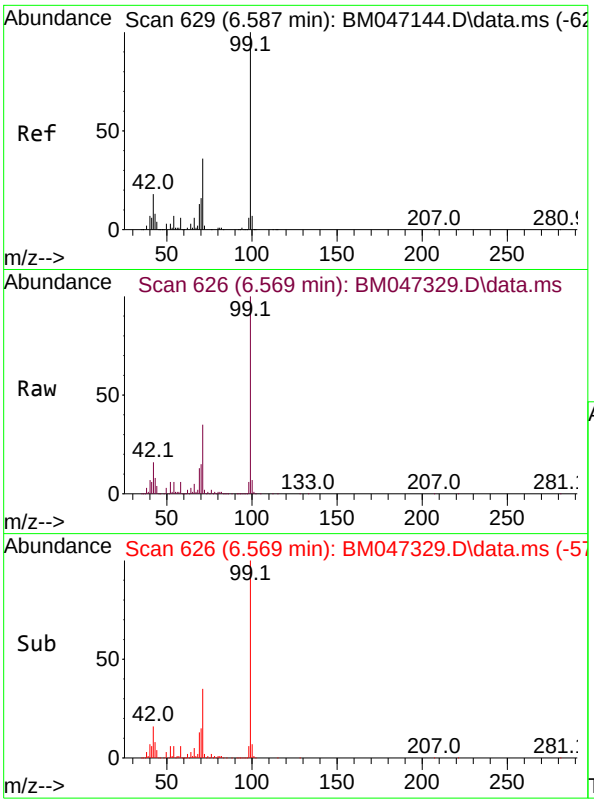


#5
2-Fluorophenol
Concen: 116.785 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Tgt Ion:112 Resp: 2092899

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.7	70.1
63	29.6	24.8	37.2



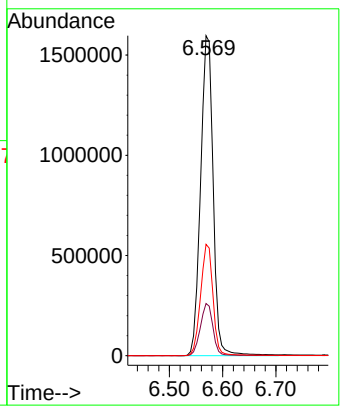


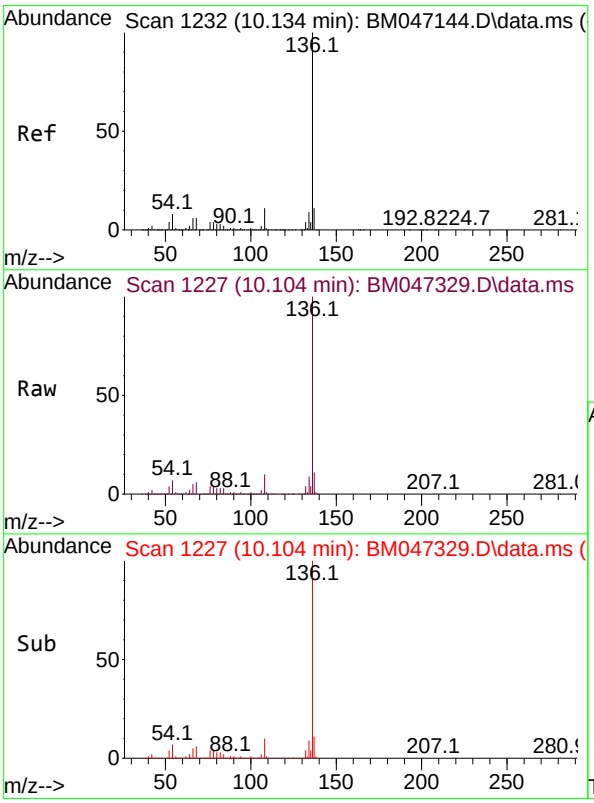
#7
Phenol-d6
Concen: 106.016 ng
RT: 6.569 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB162905BL

Tgt Ion: 99 Resp: 2617930

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	34.8	28.5	42.7

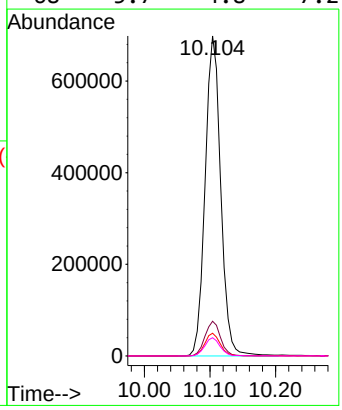


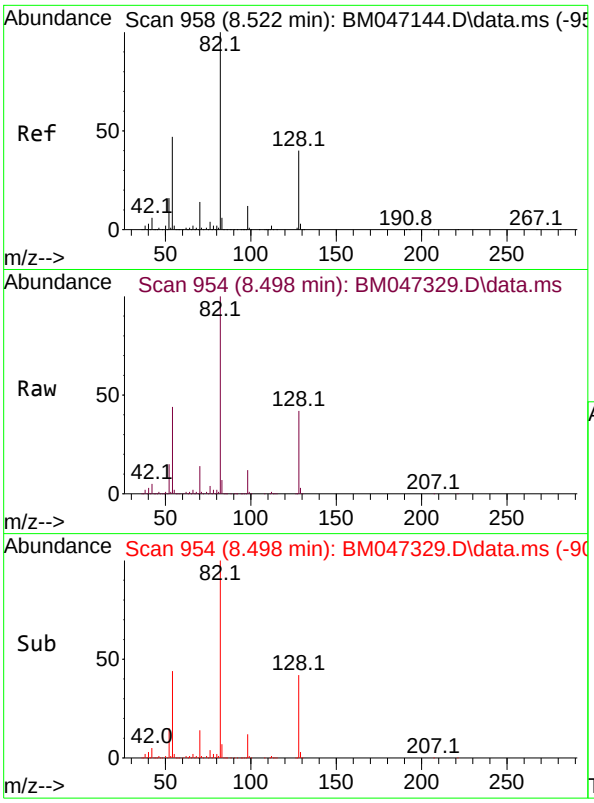


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Tgt Ion:136 Resp: 1157209

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	6.0	9.0
68	5.7	4.8	7.2



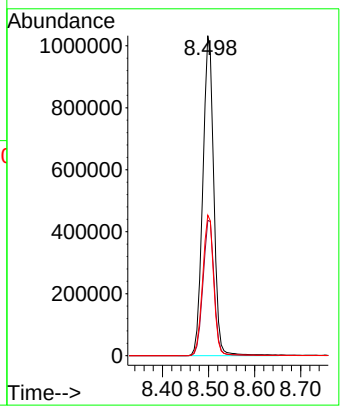


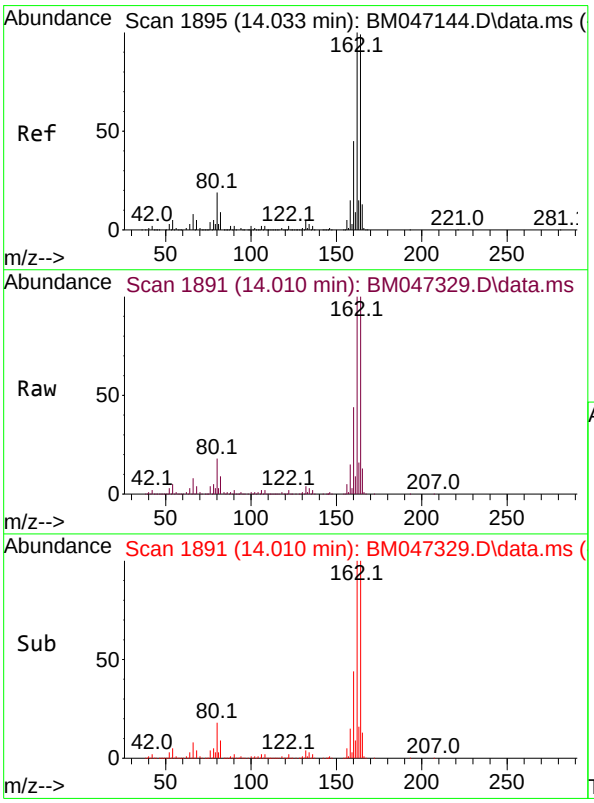
#23
Nitrobenzene-d5
Concen: 74.931 ng
RT: 8.498 min Scan# 9
Delta R.T. -0.024 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB162905BL

Tgt Ion: 82 Resp: 1722057

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.3	48.5
54	43.9	37.4	56.2

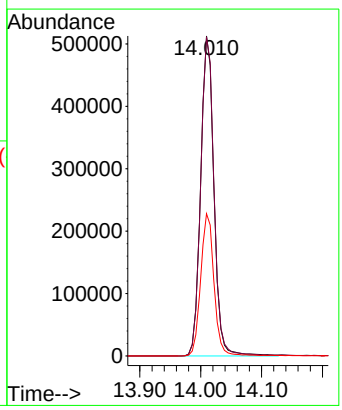


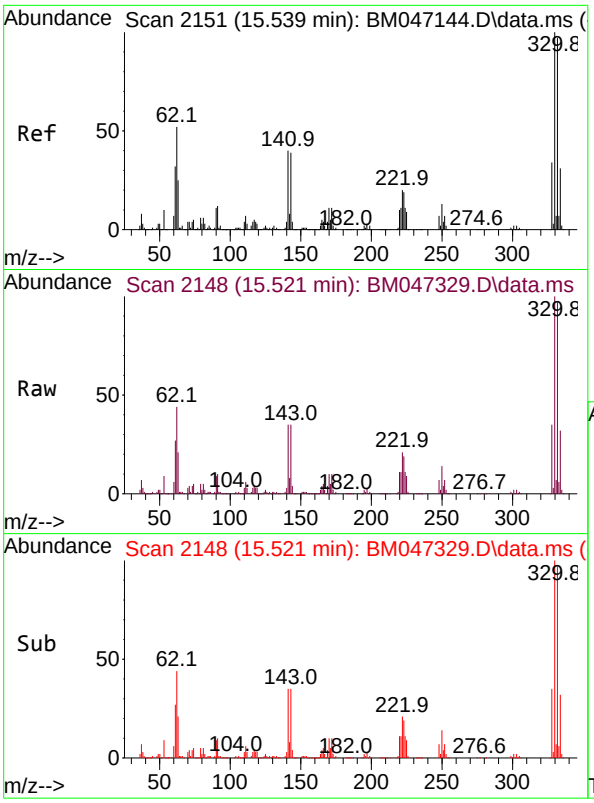


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Tgt Ion:164 Resp: 777741

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.7	121.1
160	44.5	36.0	54.0



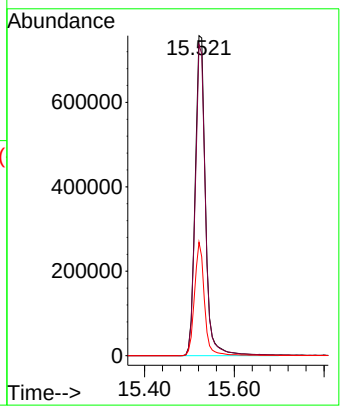


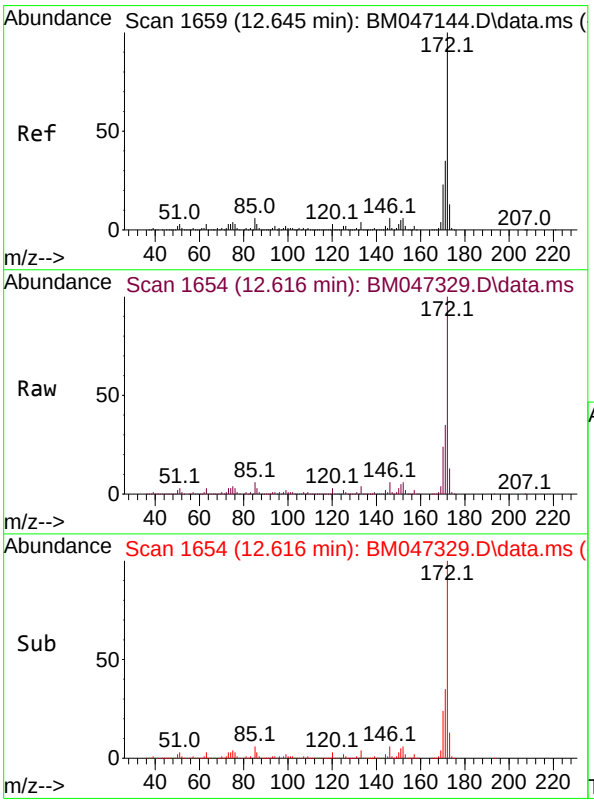
#42
2,4,6-Tribromophenol
Concen: 133.689 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB162905BL

Tgt Ion:330 Resp: 1205614

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	34.2	31.6	47.4

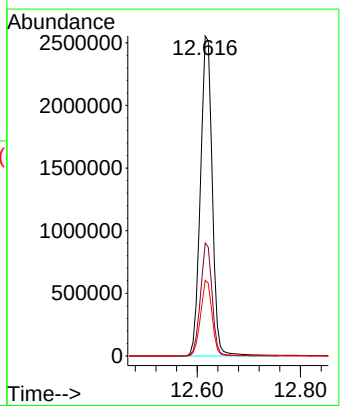


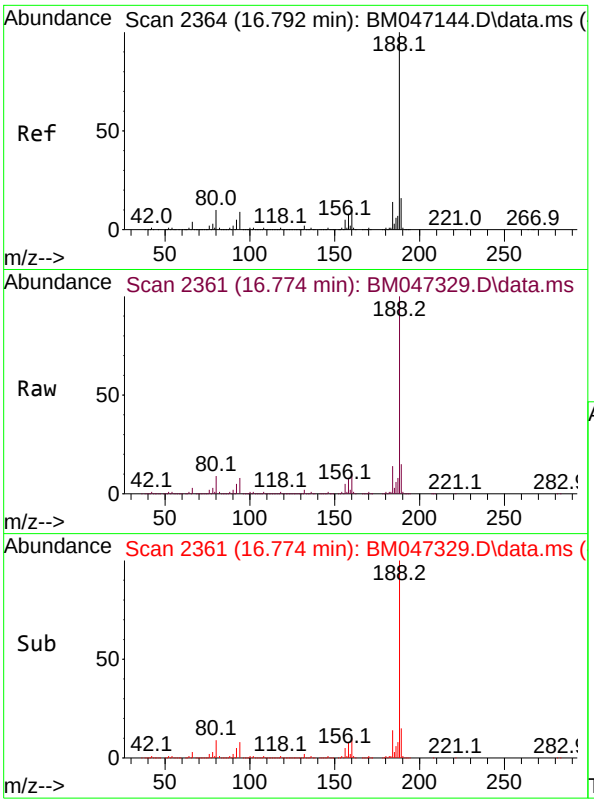


#45
2-Fluorobiphenyl
Concen: 80.371 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Tgt Ion:172 Resp: 4052277

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.7	18.7	28.1



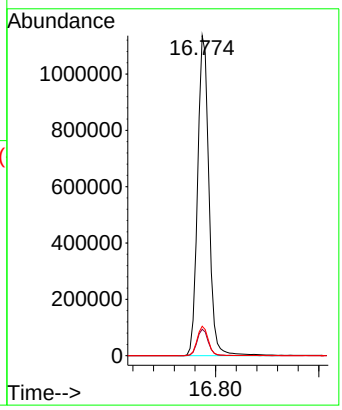


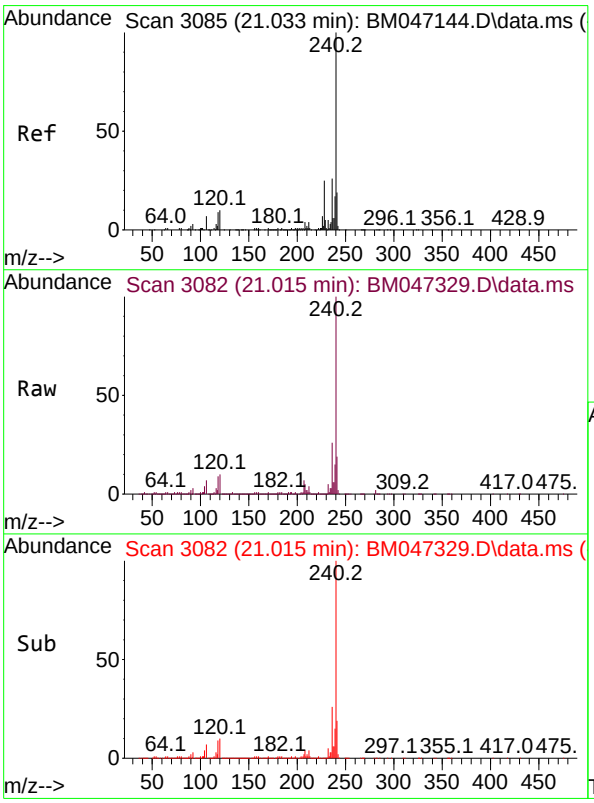
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB162905BL

Tgt Ion:188 Resp: 1727040

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	9.2	8.0	12.0

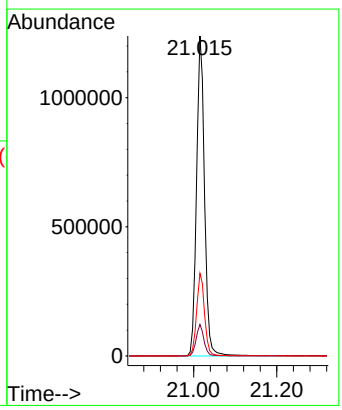


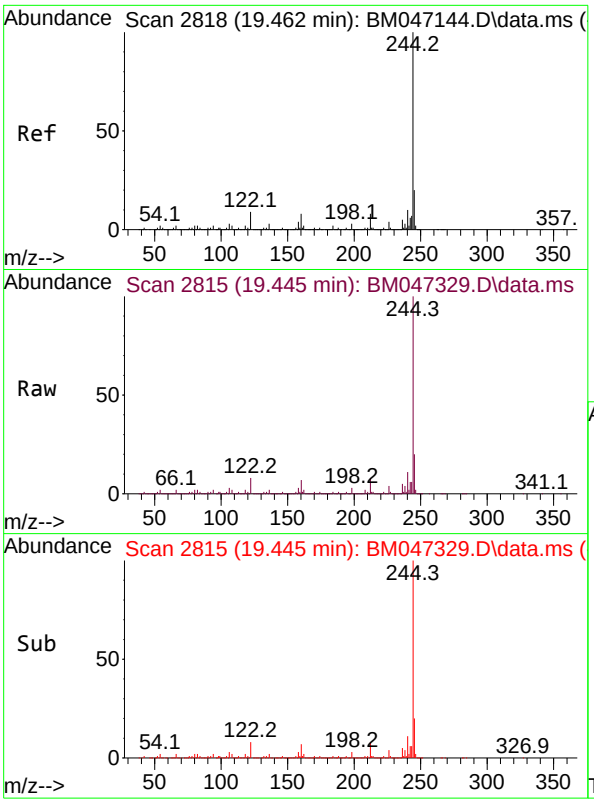


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Tgt Ion:240 Resp: 1660936

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.8	20.6	30.8



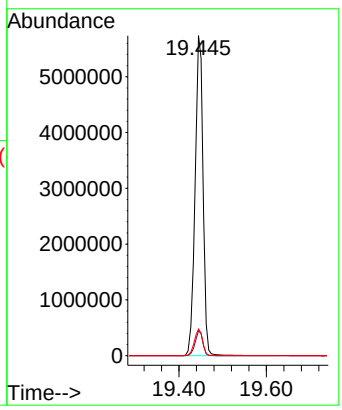


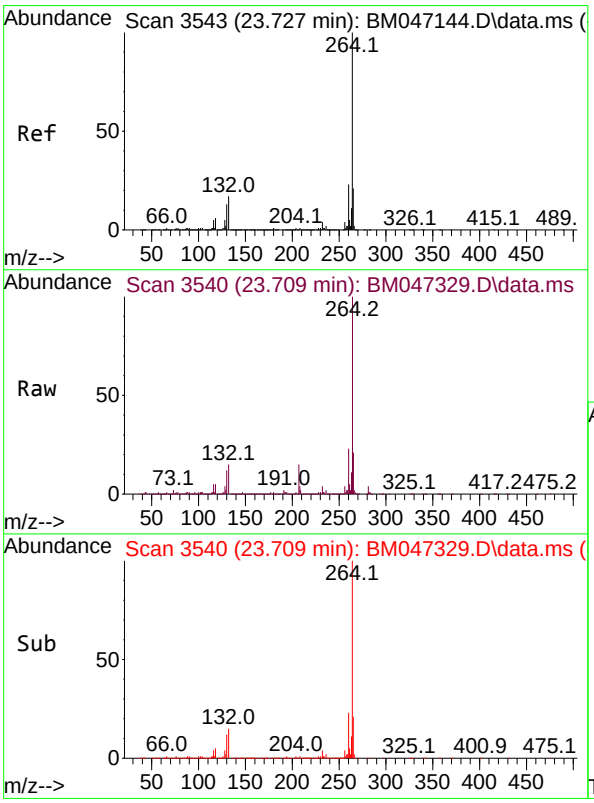
#79
Terphenyl-d14
Concen: 93.388 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB162905BL

Tgt Ion:244 Resp: 7238856

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	8.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3540
Delta R.T. -0.018 min
Lab File: BM047329.D
Acq: 23 Aug 2024 12:07

Tgt Ion:264 Resp: 1676885

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.5	17.3	25.9